



Colonial Pipeline Company

Jeff D. Morrison
Environmental Program Manager

Phone: (770) 819.3566
e-mail: jmorrison@colpipe.com

June 2, 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 May 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

June 2, 2021

Apex Job No.: CPC20126

Prepared for:

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

Prepared by:

**Apex Companies, LLC
(dba Maryland Apex Engineering, PC)
5900 Northwoods Business Parkway, Suite 5900-O
Charlotte, North Carolina 28269**

Prepared By:

A handwritten signature in blue ink, appearing to read 'Andrew Street'.

**Andrew Street, CHMM, RSM
Senior Project Manager**

Reviewed By:

A handwritten signature in blue ink, appearing to read 'Tom Naumann'.

**Tom Naumann, PG
Senior Scientist
NC License No. 2405**



Table of Contents

1.0 INTRODUCTION 1
1.1 Site History And Characterization..... 1

2.0 SOIL SAMPLING ACTIVITIES AND RESULTS 1

3.0 WELL GAUGING ACTIVITIES 2

4.0 GROUNDWATER INVESTIGATION ACTIVITIES AND RESULTS..... 2

5.0 SURFACE WATER INVESTIGATION ACTIVITIES AND RESULTS..... 3

6.0 REMEDIATION ACTIVITIES SUMMARY 3
6.1 Air Sparge and Soil Vapor Extraction System 3
6.2 Free Product Recovery Activities 3

7.0 WASTE DISPOSAL ACTIVITIES..... 3

8.0 CONCLUSIONS..... 4

Figures

Figure 1	Site Location Map
Figure 2	Site Plan
Figure 3	Potential Receptor Map
Figure 4	Pipeline Excavation and Delineation Soil Sampling Results
Figure 5	Groundwater Potentiometric Surface Map – Surficial Unit
Figure 6	Groundwater Potentiometric Surface Map – Bedrock Unit
Figure 7	Free Product Distribution Map
Figure 8	Monitoring Well Sampling Results
Figure 9	Benzene Isoconcentration Map
Figure 10	Diisopropyl Ether Isoconcentration Map
Figure 11	Methyl-Tert Butyl Ether Isoconcentration Map
Figure 12	Naphthalene Isoconcentration Map
Figure 13	Toluene Isoconcentration Map
Figure 14	Total Xylenes Isoconcentration Map
Figure 15	C ₅ -C ₈ Aliphatics Isoconcentration Map
Figure 16	C ₉ -C ₁₂ Aliphatics Isoconcentration Map
Figure 17	C ₉ -C ₁₀ Aromatics Isoconcentration Map
Figure 18	Water Supply Well Sampling Results (Detections Only)
Figure 19	Air Sparge System Layout
Figure 20	Recovery and Hydraulic Control Well System Layout

Tables

Table 1	Summary of Pipeline Excavation Soil Sampling Results
Table 2	Summary of Delineation Soil Sampling Results
Table 3	Summary of Monitoring Well Gauging Data
Table 4	Summary of Recovery Well Gauging Data
Table 5	Summary of Monitoring Well Sampling Results
Table 6	Summary of Water Supply Well Sampling Results

Appendices

Appendix A	Laboratory Analytical Reports
Appendix B	Boring Logs and GW-1 Forms
Appendix C	Groundwater Sampling Logs
Appendix D	Water Supply Well Abandonment Records
Appendix E	Surface Water Sampling Information
Appendix F	Copies of Bills of Lading and Waste Manifests

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 November 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 December 30, 2020, March 12, 2021, March 30, 2021, and April 30, 2021. This MMR details site monitoring and free product recovery activities and results subsequent to those reported in the above mentioned 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 recovery well installation activities. Soil borings are 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 in a boring (i.e., less than 5.0 ppm), 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 April 28, 2021 to facilitate gauging of the monitoring and recovery well network on April 29, 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 May 25, 2021, 102 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. 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 between May 4 and 7, 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 5** and copies of the laboratory reports are provided in **Appendix A**. Detections of lead, bromodichloromethane, chloroform, dibromochloromethane, 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. WSW sampling results are depicted on **Figure 18** and summarized in **Table 6**. 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.

One water supply well was abandoned during the reporting period. Well abandonment records are provided in **Appendix D**.

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 seven locations (SW-1 through SW-7). 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 E**.

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 is pending. 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. At present, 14 air sparge wells and 11 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

A total of 66 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 May 25, 2021, approximately 1,045,756 gallons of gasoline free product and approximately 1,790,300 gallons of petroleum contact water have 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 (4,150 gallons), and from the recovery well network is approximately 1,143,109 gallons. Recovered free product was 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 April 2021 period are provided in **Appendix F**.

8.0 CONCLUSIONS

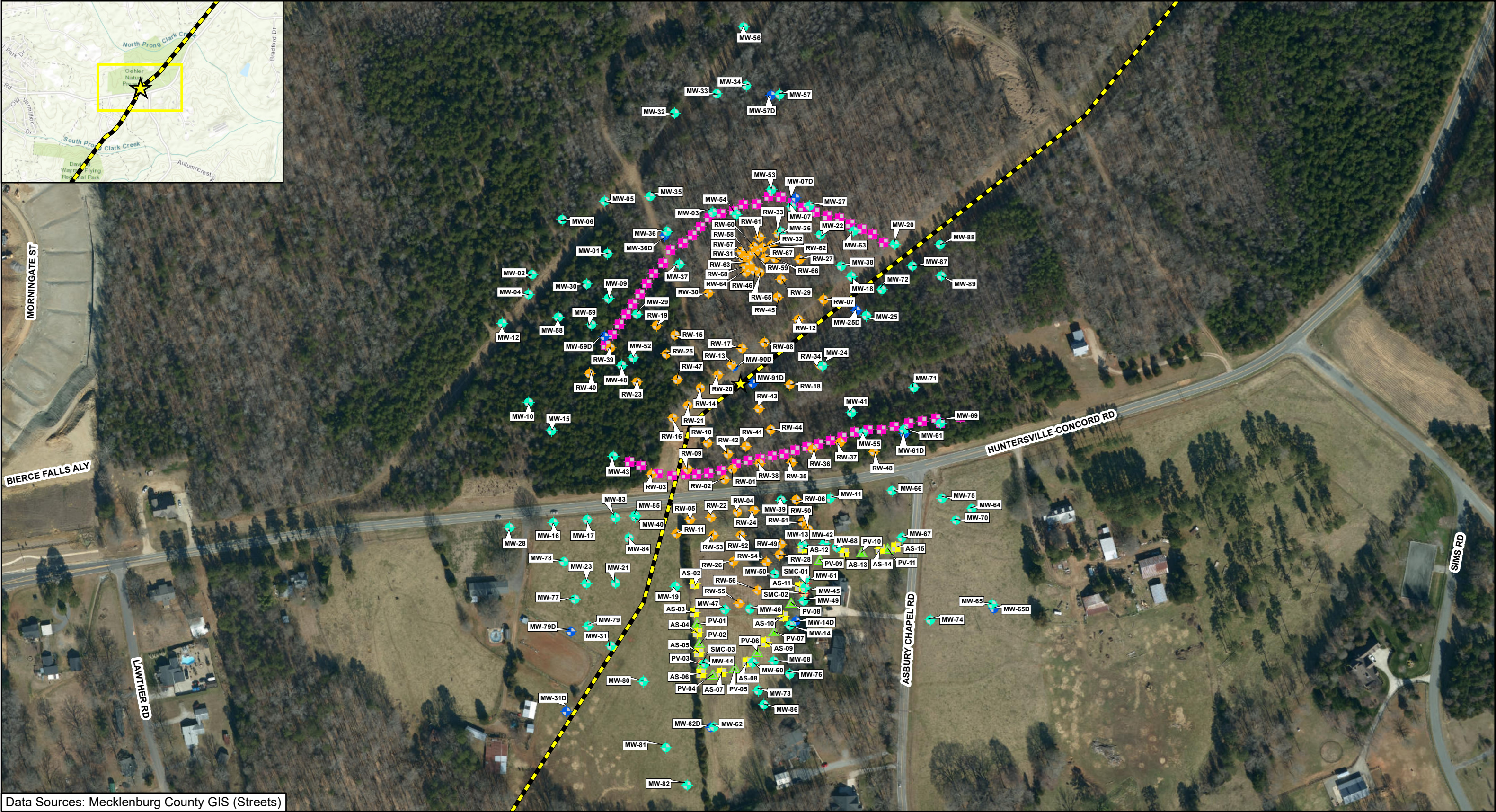
A total of 245 wells (102 monitoring wells, 62 recovery wells, 56 hydraulic control wells, and 25 air sparge system wells) were installed at the Site between August 27, 2020 and May 25, 2021. Detections of lead, bromodichloromethane, chloroform, dibromochloromethane, and tetrachloroethene are not attributed to Incident No. 95827. **Figure 9** through **Figure 17**, depict the horizontal and vertical extent of dissolved phase petroleum impacts, based on the May 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:	05/28/2021; 08:25			
	Project No.:	CPC20126			



Data Sources: Mecklenburg County GIS (Streets)

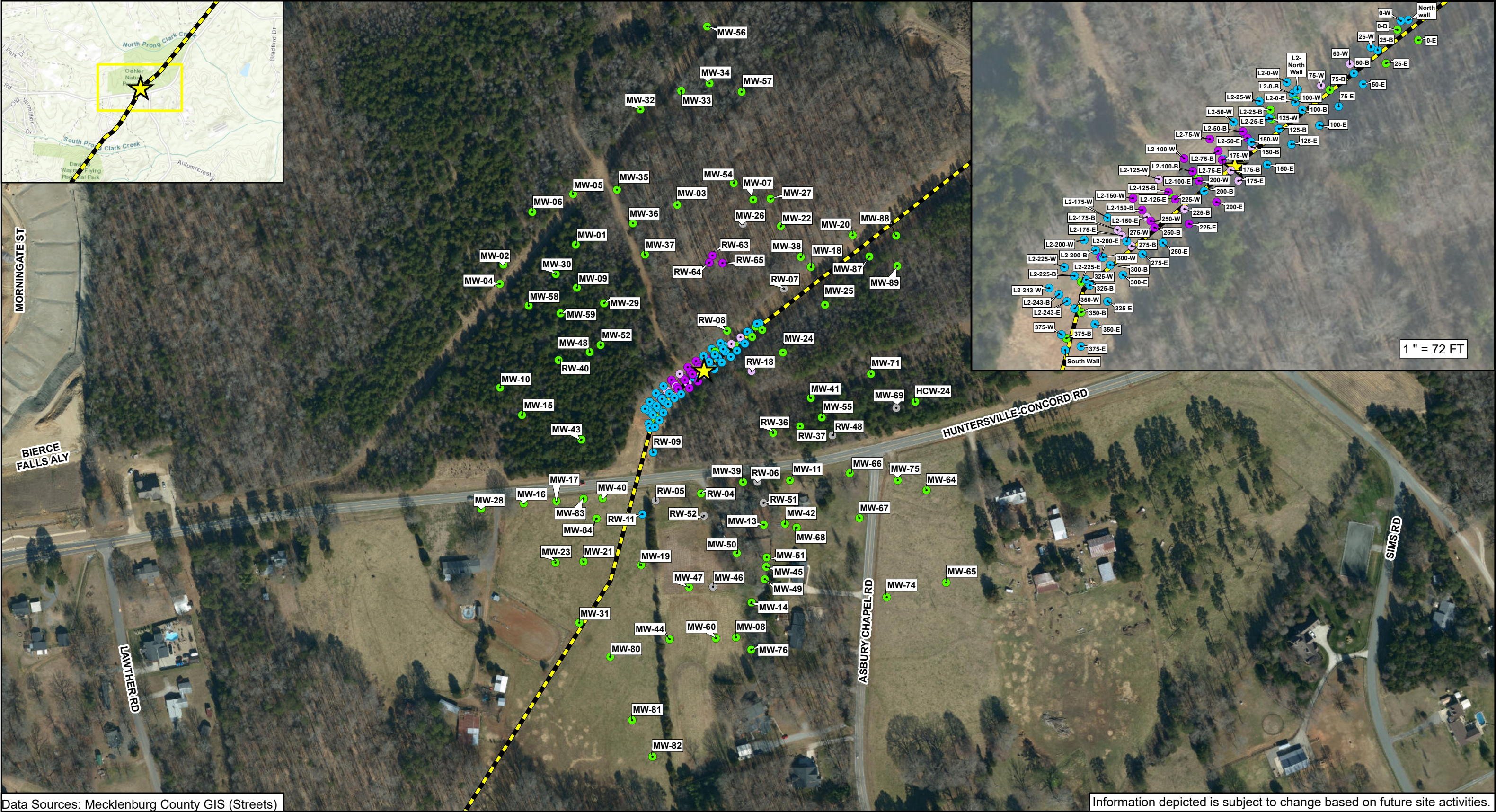
	Checked By:	AS	Site Plan Colonial Pipeline Company 2020-L1-SR2448 Release Huntersville, North Carolina 0200400600 Feet	 Release Site  Pipeline  Monitoring Well  Monitoring Well (Bedrock)  Recovery Well  Hydraulic Control Well  Air Sparge  Vapor Point  Piezometer			FIGURE 2
	Created By:	CW					
	Scale:	1 " = 217 FT					
	Date/Time:	05/28/2021; 09:09					
	Project No.:	CPC20126					



Data Sources: Mecklenburg County GIS (Streets, Parcels)

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

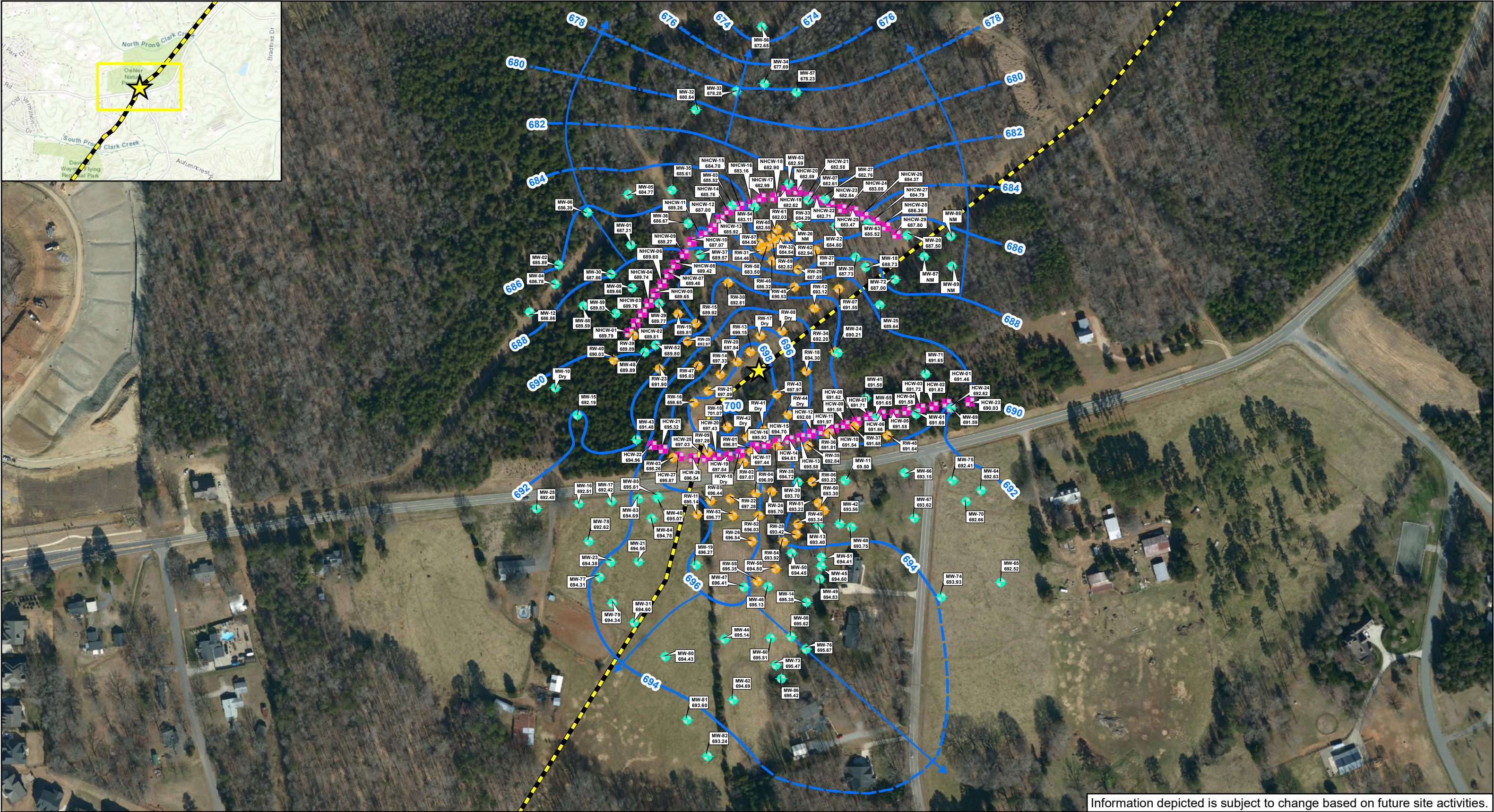
	Checked By:	AS	Potential Receptor Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 0 600 1,200 1,800 Feet			Release Site			Water Supply Well (Potable Use)			Water Supply Well (Non-Potable Use)		
	Created By:	CW				Pipeline			Water Supply Well (Abandoned)			Water Supply Well (Inactive Use)		
	Scale:	1 " = 600 FT				Parcel Boundaries								
	Date/Time:	05/28/2021; 13:00												
	Project No.:	CPC20126												
												FIGURE		
												3		



Data Sources: Mecklenburg County GIS (Streets)

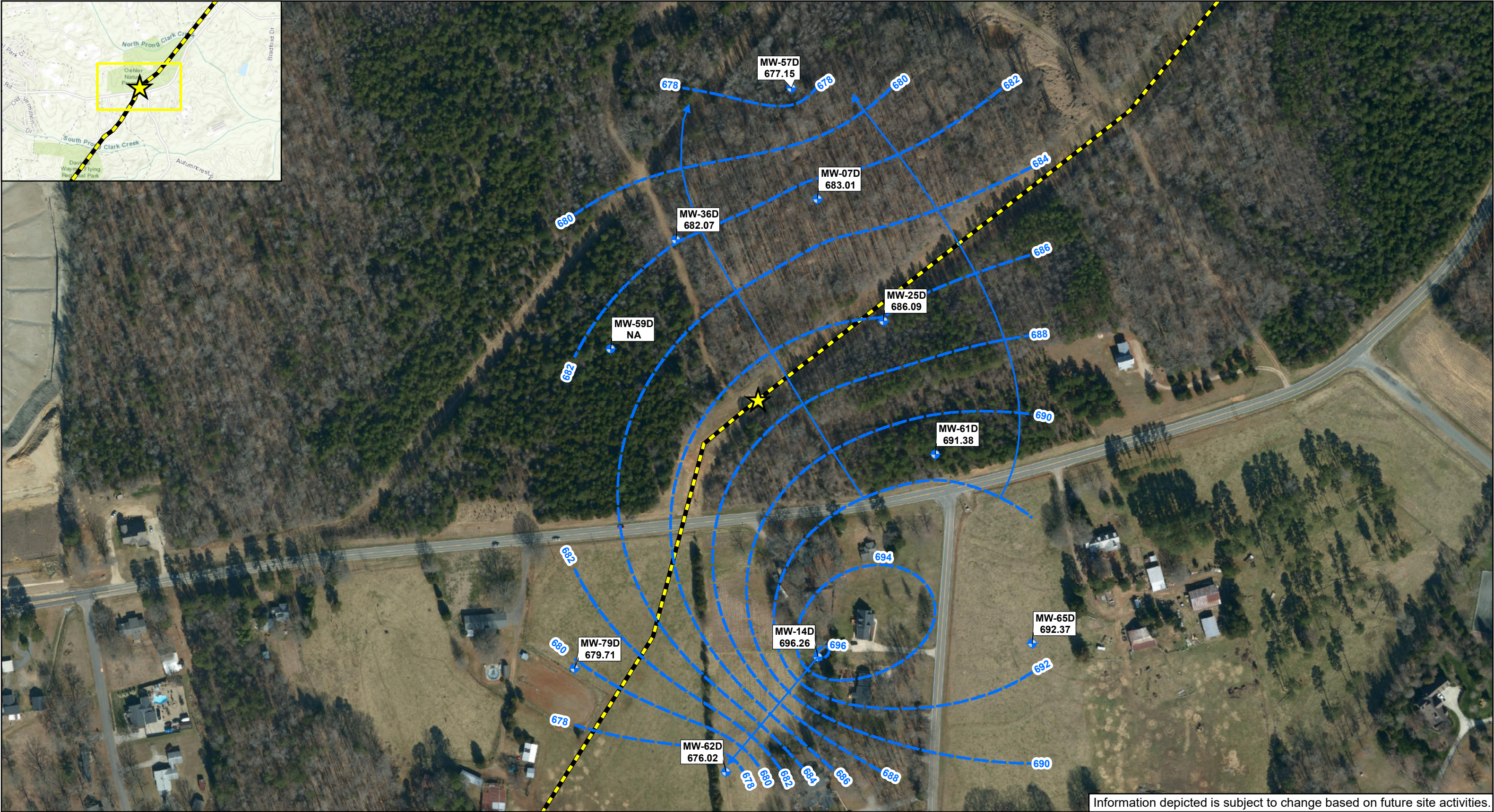
Information depicted is subject to change based on future site activities.

	Checked By:	TN	Pipeline Excavation and Delineation Soil Sampling Results Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 0225450675 Feet  Release Site  Below Maximum Soil Contaminant Concentration Levels (MSCCs)  Pipeline  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) Note: See Table 1 and Table 2 for detailed results.			FIGURE 4
	Created By:	CW				
	Scale:	1 " = 225 FT				
	Date/Time:	05/28/2021; 09:16				
	Project No.:	CPC20126				



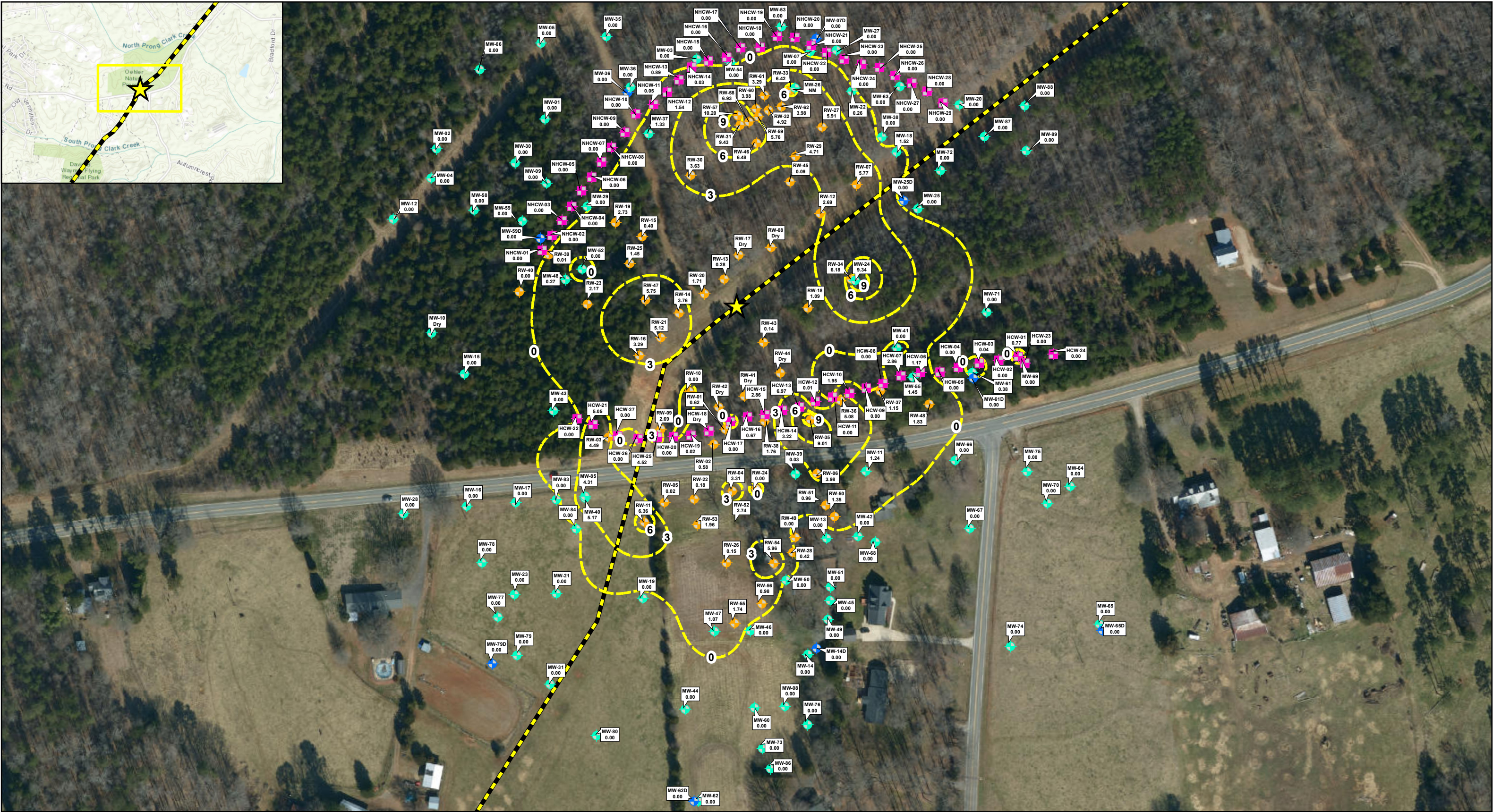
Information depicted is subject to change based on future site activities.

	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) Apparent Groundwater Flow Direction Pipeline	Monitoring Well Recovery Well Hydraulic Control Well			FIGURE 5
	Created By:	CW						
	Scale:	1 in = 225 ft						
	Date/Time:	05/28/2021; 11:26						
	Project No.:	CPC20126						
			NOTES: Contours based on well gauging data collected 04/29/2021; Groundwater elevation measurements shown in feet amsl (above mean sea level); The following locations, denoted as 'NM' (Not Measured) or 'Dry', were not used in contouring: MW-10 (Dry), MW-26 (NM), RW-08/-17/-41/-42/-44 (Dry), MW-87/-88/-89 (NM), HCW-18 (Dry); Contours interpolated using Surfer (Kriging)					

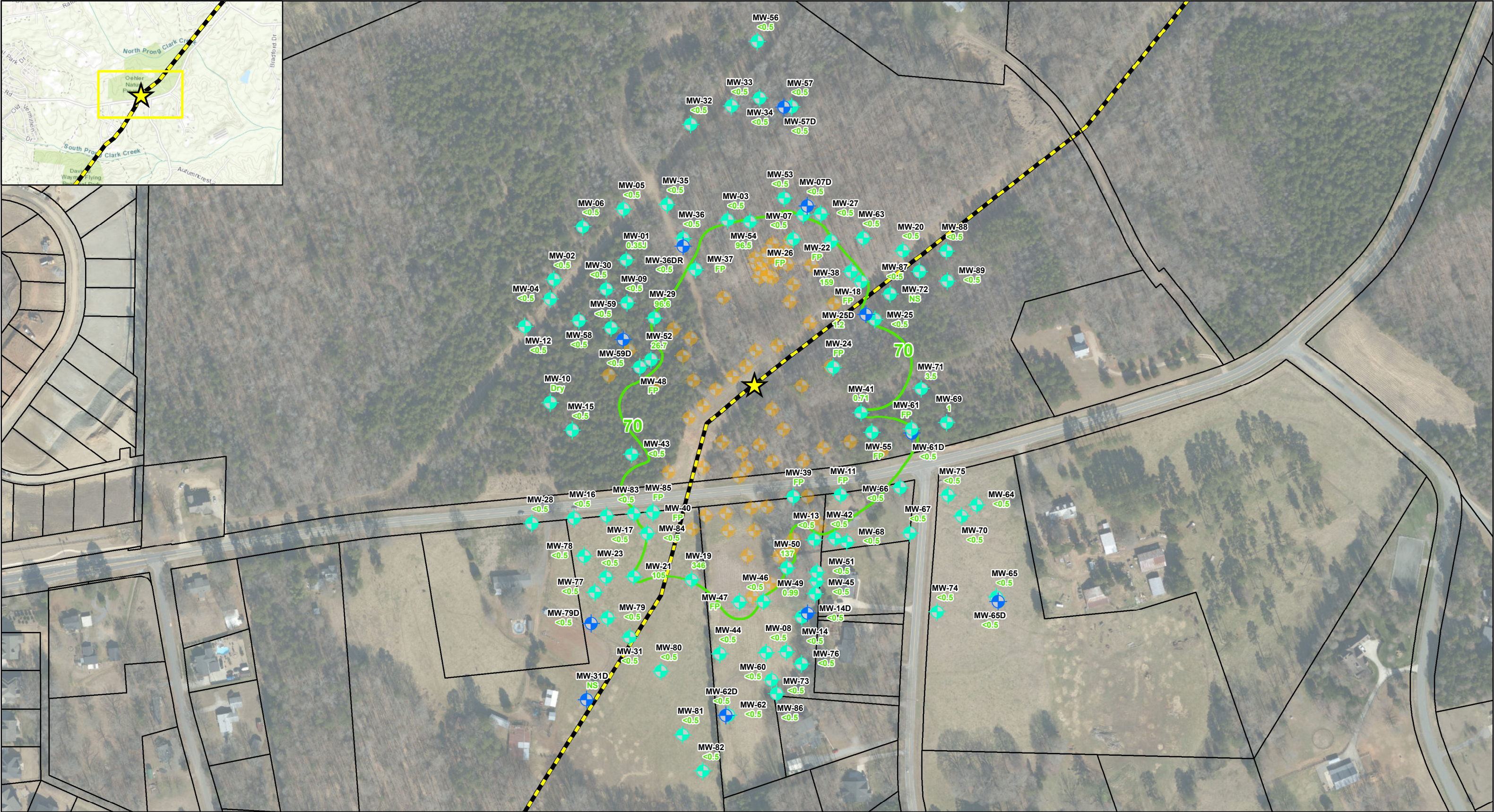


Information depicted is subject to change based on future site activities.

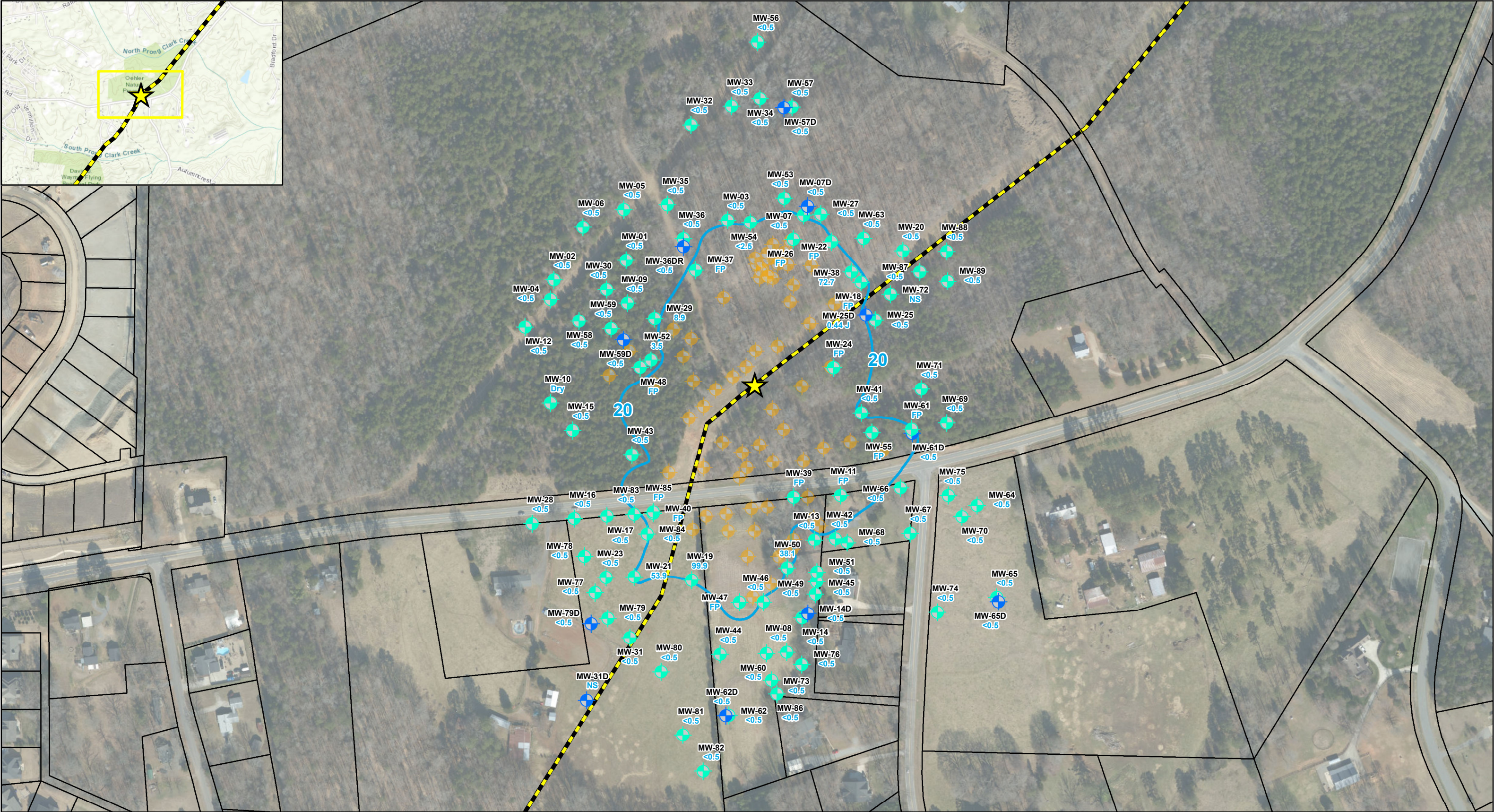
	Checked By:	TN	Groundwater Potentiometric Surface Map - Bedrock Unit Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 0200400600 Feet	Release Site Equipotential Contour (ft amsl) Monitoring Well (Bedrock)	 	FIGURE 6
	Created By:	CW		Pipeline Apparent Groundwater Flow Direction		
	Scale:	1 " = 200 FT		NOTES: Contours based on monitoring well gauging data collected on 04/29/2021; Groundwater elevation measurements shown in feet amsl (above mean sea level); The following well, denoted as 'NA', was not used in contouring: MW-59D (Not Applicable); Contours interpolated using Surfer (Kriging)		
	Date/Time:	05/28/2021; 11:33				
	Project No.:	CPC20126				



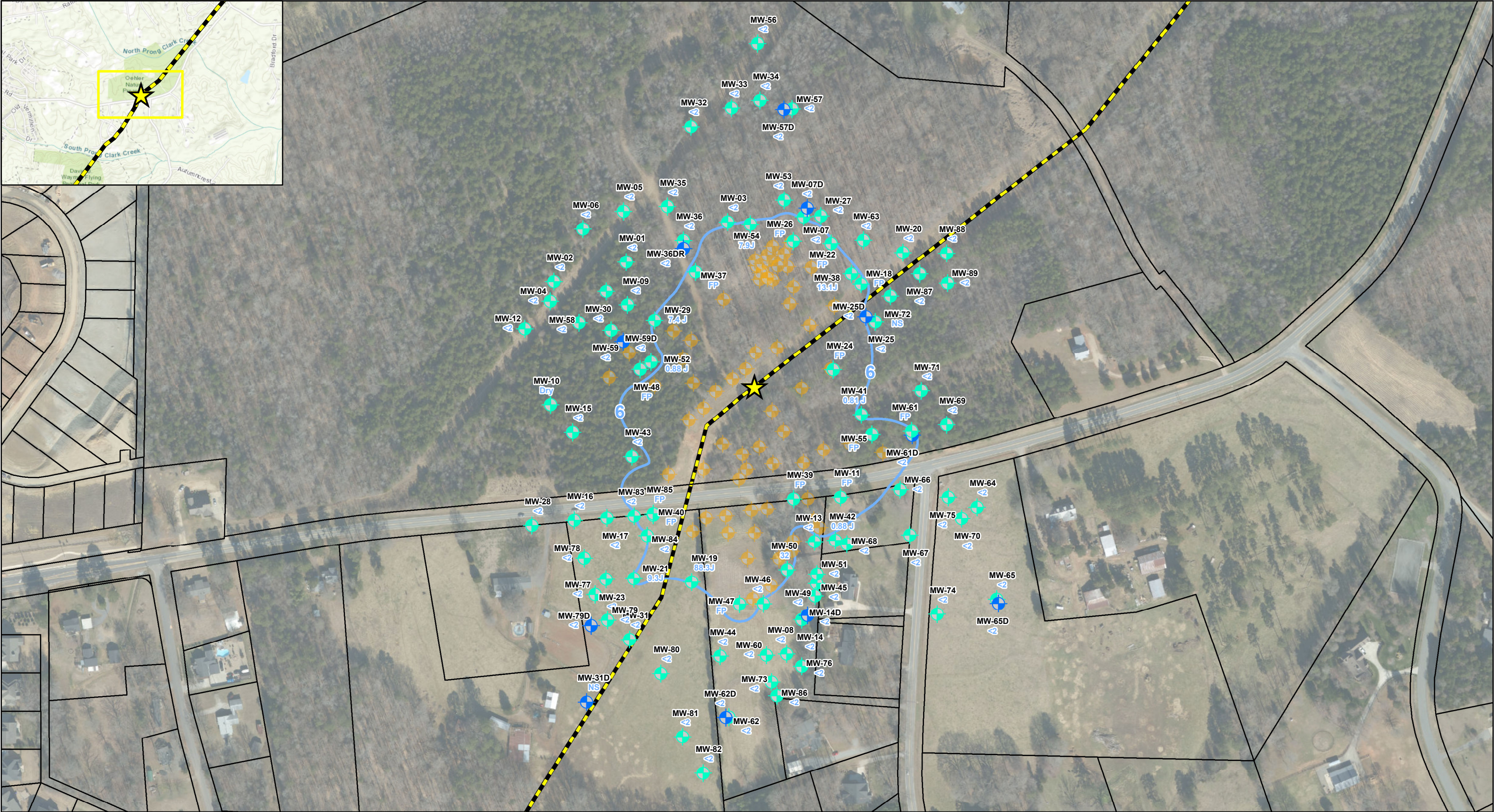
	Checked By:	TN	Free Product Distribution Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 0 150 300 450 Feet	Release Site Pipeline Apparent Free Product Thickness Contour	Hydraulic Control Well Monitoring Well Monitoring Well (Bedrock) Recovery Well			FIGURE 7
	Created By:	CW						
	Scale:	1" = 150 FT						
	Date/Time:	05/28/2021; 09:04						
	Project No.:	CPC20126						
NOTES: All gauging measurements taken 04/29/2021; Free Product Thickness determined from apparent thickness in wells only and shown in feet; The following locations, denoted as NM (Not Measured) or Dry, were not used in contouring: MW-10 (Dry), MW-26 (NM), MW-89 (NM), RW-08/-17/-41/-42/-44 (Dry), HCW-18 (Dry); Contours created using Surfer (Kriging).								



	Checked By:	JM	Diisopropyl Ether Isoconcentration Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 0 200 400 600 Feet	Release Site Pipeline Diisopropyl Ether Isocontour	<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit 137 Diisopropyl Ether Concentration (µg/L) FP = Free Product NS = Not Sampled 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:	05/28/2021; 14:01							
	Project No.:	CPC20126							



	Checked By:	JM	Methyl-Tert Butyl Ether Isoconcentration Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 0 200 400 600 Feet	Release Site Pipeline Methyl-Tert Butyl Ether Isocontour	<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit 72.7 Methyl-Tert Butyl Ether Concentration (µg/L) FP = Free Product NS = Not Sampled 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:	05/28/2021; 13:59							
	Project No.:	CPC20126							



	Checked By:	JM	Naphtahlene Isoconcentration Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 0 200 400 600 Feet		Release Site Pipeline Naphtahlene Isocontour <2 Constituent Not Detected Above Laboratory Practical Quantitation Limit 11.8 Naphtahlene Concentration (µg/L) FP = Free Product NS = Not Sampled µg/L = Micrograms per Liter
--	-------------	----	--	--	--

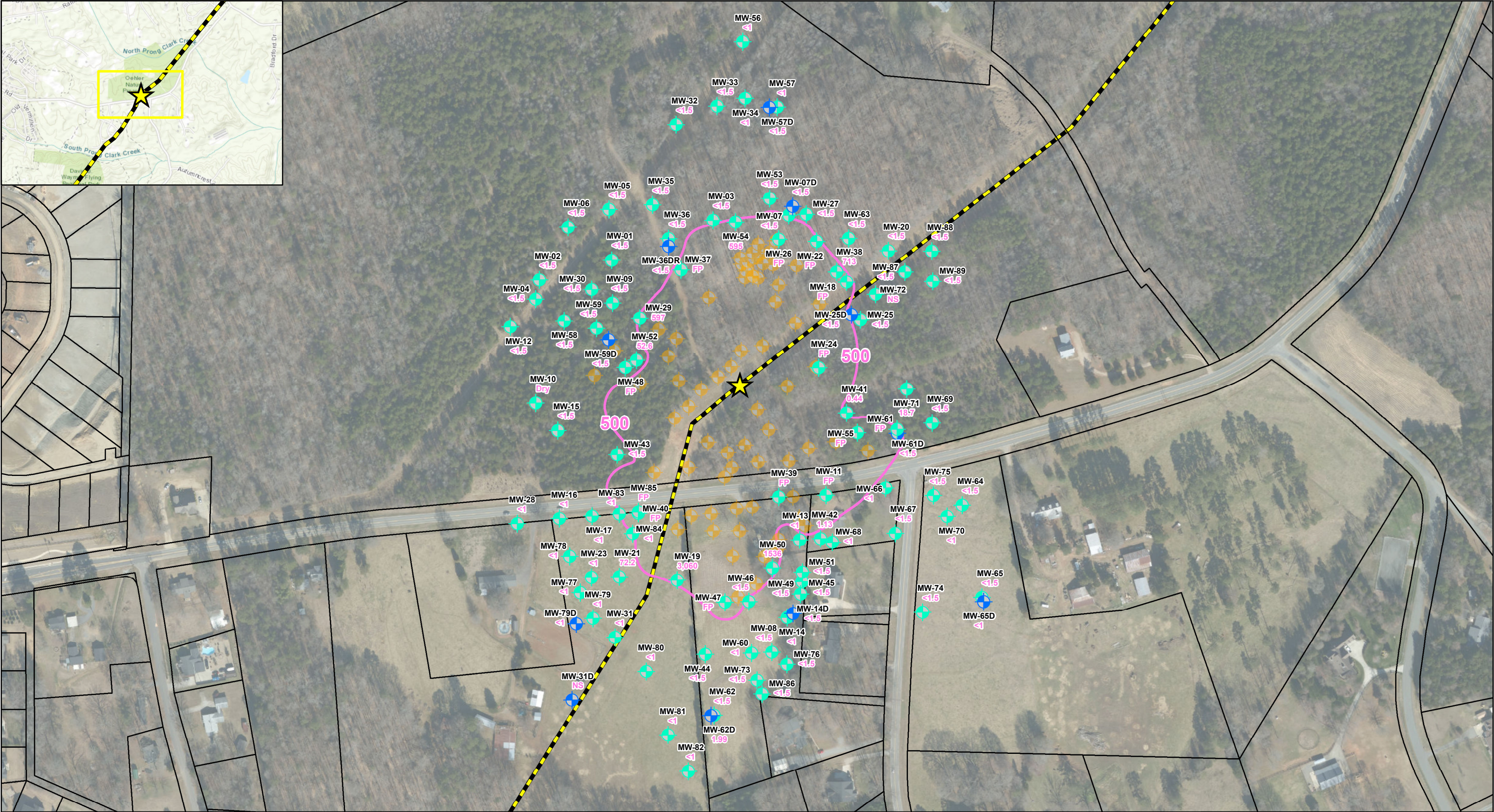
Recovery Well

Monitoring Well

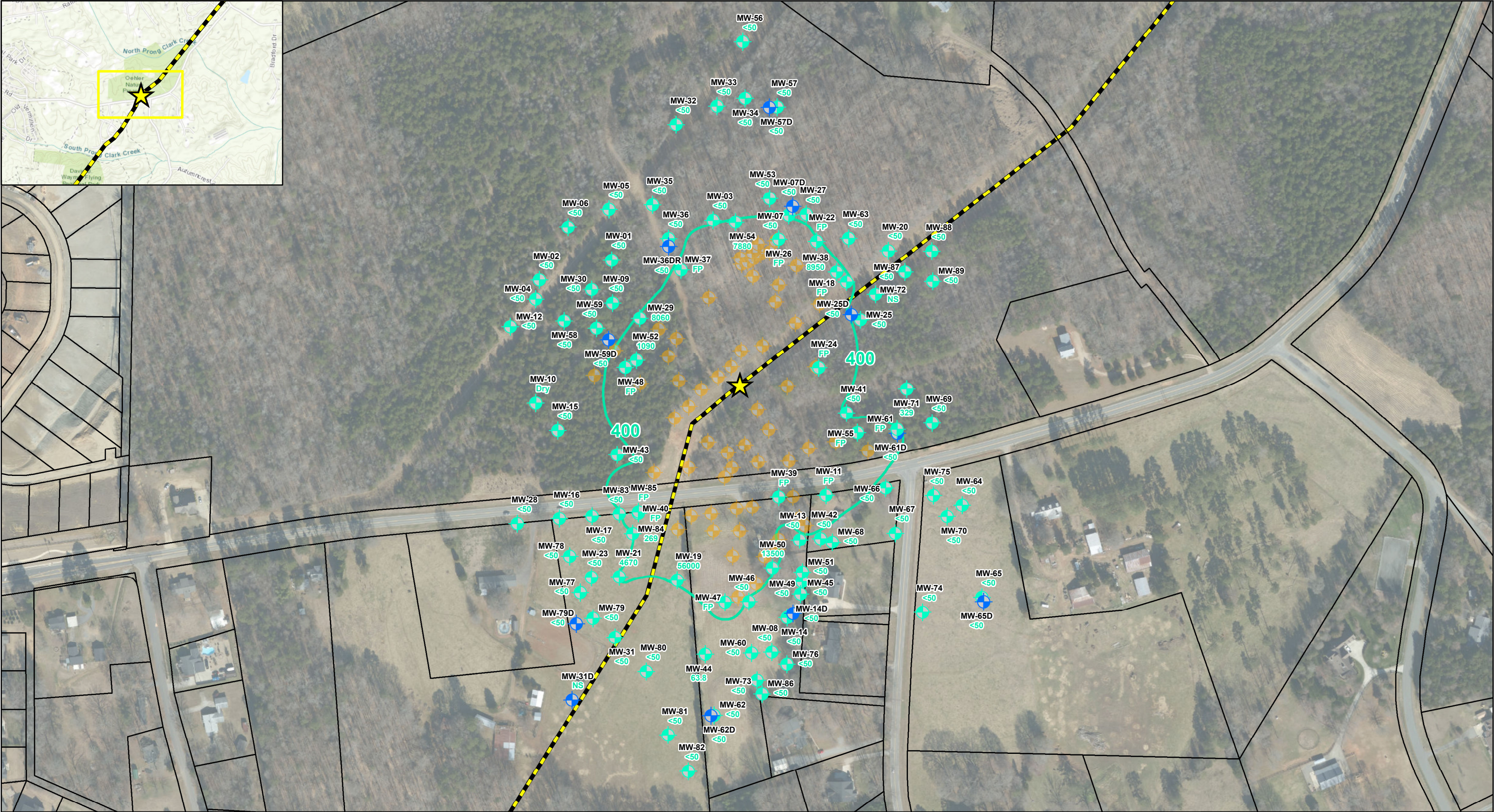
Monitoring Well (Bedrock)

NCDEQ 2L Standard for Naphtahlene is 6 µg/L

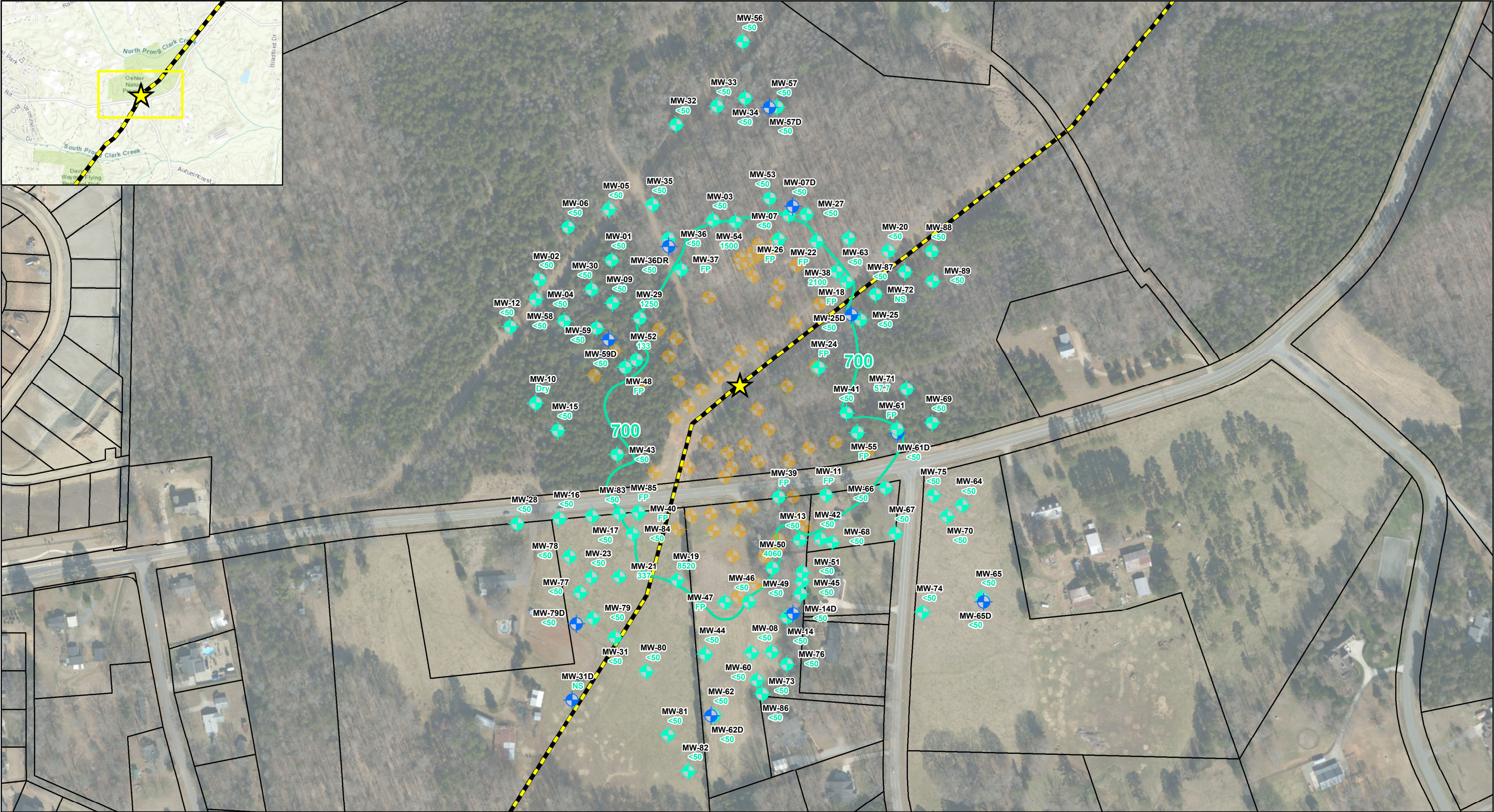
Bedrock Wells Not Used For Contouring



	Checked By:	TN	Total Xylenes Isoconcentration Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 0 200 400 600 Feet	Release Site Pipeline 500 Total Xylenes Isocontour	Constituent Not Detected Above Laboratory Practical Quantitation Limit 72.2 Total Xylenes Concentration (µg/L) FP = Free Product NS = Not Sampled 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:	05/28/2021; 13:53							
	Project No.:	CPC20126							



	Checked By:	TN	C5-C8 Aliphatics Isoconcentration Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 0200400600 Feet	Release Site Pipeline C5-C8 Aliphatics Isocontour (Dashed where Inferred)	<50 269 FP = Free Product NS = Not Sampled µg/L = Micrograms per Liter	Recovery Well Monitoring Well Monitoring Well (Bedrock) NCDEQ 2L Standard for C5-C8 Aliphatics is 400 µg/L Bedrock Wells Not Used For Contouring	 	FIGURE 15
	Created By:	CW						
	Scale:	1 " = 225 FT						
	Date/Time:	05/28/2021; 13:51						
	Project No.:	CPC20126						



	Checked By:	TN	C9-C12 Aliphatics Isoconcentration Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 0200400600 Feet	 Release Site  Pipeline  C9-C12 Aliphatics Isocontour (Dashed where Inferred) <50 Constituent Not Detected Above Laboratory Practical Quantitation Limit 357 C9-C12 Aliphatics Concentration (µg/L) FP = Free Product NS = Not Sampled µg/L = Micrograms per Liter  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:	05/28/2021; 13:50					
	Project No.:	CPC20126					

13926B_HC_RD_20200816	13926B_HC_RD_20201222
Chloroform 8.9	Chloroform 6.4
13926B_HC_RD_20200821	13926B_HC_RD_20201229
Chloroform 8.4	Chloroform 7.5
13926B_HC_RD_20200902	13926B_HC_RD_20210105
Chloroform 9.1	Chloroform 11.5
13926B_HC_RD_20200910	13926B_HC_RD_20211112
Chloroform 7.6	Chloroform 9.7
13926B_HC_RD_20200916	13926B_HC_RD_20210119
Chloroform 9.6	Chloroform 8.8
13926B_HC_RD_20200924	13926B_HC_RD_20210126
Chloroform 9.8	Chloroform 7.9
13926B_HC_RD_20200930	13926B_HC_RD_20210202
Chloroform 6.3	Chloroform 9
13926B_HC_RD_20201008	13926B_HC_RD_20210209
Chloroform 9.3	Chloroform 8.9
13926B_HC_RD_20201015	13926B_HC_RD_20210216
Chloroform 8.9	Chloroform 9
13926B_HC_RD_20201022	13926B_HC_RD_20210223
Chloroform 8.7	Chloroform 9.3
13926B_HC_RD_20201029	13926B_HC_RD_20210302
Chloroform 8.9	Chloroform 7.8
13926B_HC_RD_20201105	13926B_HC_RD_20210309
Chloroform 9.2	Chloroform 9.3
13926B_HC_RD_20201119	13926B_HC_RD_20210316
Chloroform 7	Chloroform 8.7
13926B_HC_RD_20201124	13926B_HC_RD_20210323
Chloroform 8.7	Chloroform 8.1
13926B_HC_RD_20201201	13926B_HC_RD_20210330
Lead 6.6	Chloroform 7.5
13926B_HC_RD_20201208	13926B_HC_RD_20210406
Chloroform 6.8	Chloroform 7.9
13926B_HC_RD_20201215	13926B_HC_RD_20210504
Chloroform 9.2	Chloroform 9.7
13926B_HC_RD_20201215	13926B_HC_RD_20210511
Chloroform 8.5	Chloroform 8.3

13800_HC_RD_20200827	13800_HC_RD_20201112
Lead 109	Lead 5.4
13800_HC_RD_20200902	13800_HC_RD_20201119
Lead 169	Lead 5.7
13800_HC_RD_20200910	13800_HC_RD_20201201
Lead 55.2	Lead 7.8
13800_HC_RD_20200916	13800_HC_RD_20210126
Lead 67	Lead 16.9
13800_HC_RD_20200924	13800_HC_RD_20210209
Lead 23	Lead 5.1
13800_HC_RD_20201001	13800_HC_RD_20210316
Lead 6.5	Lead 12.1

13822_HC_RD_20200816	
Lead 53	
13822_HC_RD_20200821	
Lead 14.2	
13822_HC_RD_20200902	
Lead 11.6	
13822_HC_RD_20200916	
Lead 14.3	
13822_HC_RD_20200924	
Lead 8.9	

14401_HC_RD_20201201	
Lead 5.8	
14401_HC_RD_20210302	
Lead 10.4	
14401_HC_RD_20210323	
Lead 5.5	
14401_HC_RD_20210504	
Lead 5.1	

13712_HC_RD_20210302	
Lead 38.2	

14000_LAWTHER_RD_20210302	
Chloroform 1.2	

13926A_HC_RD_20201022	
Lead 5.2	
13926A_HC_RD_20201029	
Lead 6.6	
13926A_HC_RD_20201112	
Chloroform 8.2	
13926A_HC_RD_20201119	
Lead 5.8	
13926A_HC_RD_20201201	
Lead 5.9	
13926A_HC_RD_20210209	
Lead 24.2	
13926A_HC_RD_20210309	
Lead 7.3	

14015_AC_RD_20200825	
Chloroform 1.5	
14015_AC_RD_20200902	
Chloroform 4.4	

13923_AC_RD_20200924	
Lead 5.5	

14226_HC_RD_20201001	
Lead 6.1	

13835_AC_RD_20200916	13835_AC_RD_20210309
Bromodichloro-methane 1.7	Lead 13.5
Chloroform 7.4	Chloroform 0.54
13835_AC_RD_20200924	13835_AC_RD_20210316
Lead 16.1	Lead 6.2
13835_AC_RD_20210126	Chloroform 0.51
Lead 15.4	13835_AC_RD_20210406
13835_AC_RD_20210209	Chloroform 0.52
Lead 15.1	13835_AC_RD_20210504
13835_AC_RD_20210223	Chloroform 0.65
Chloroform 0.57	13835_AC_RD_20210511
13835_AC_RD_20210302	Chloroform 0.67
Chloroform 0.5	

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:

05/29/2021; 09:34

Project No.:

CPC20126

Water Supply Well Sampling Results (Detections Only)

Colonial Pipeline Company

2020-L1-SR2448

Huntersville, North Carolina

0

550

1,100

1,650

Feet

★

Release Site

□

Parcel Boundaries

●

Non-Potable Use Well

●

Potable Use Well

●

Inactive Use Well

●

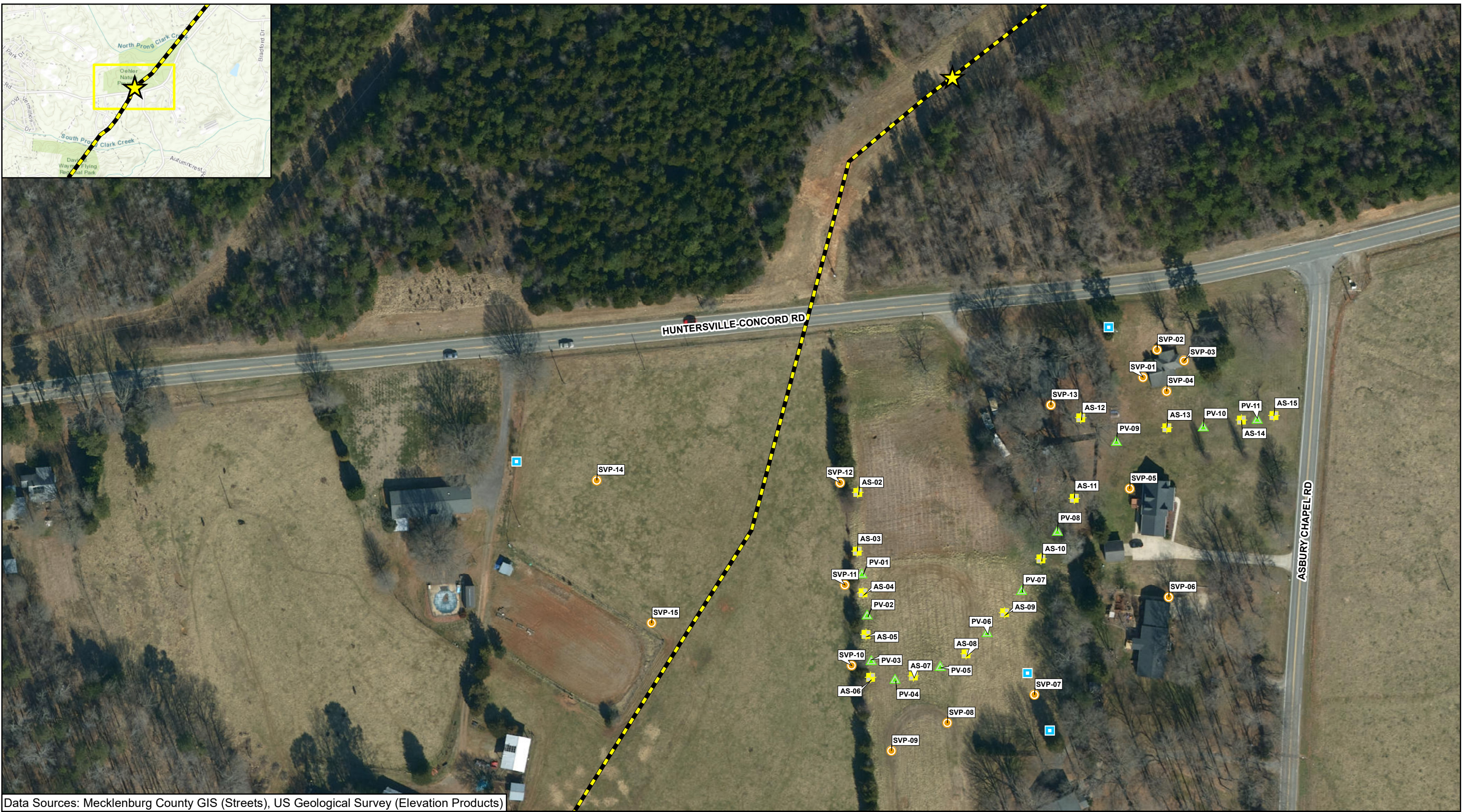
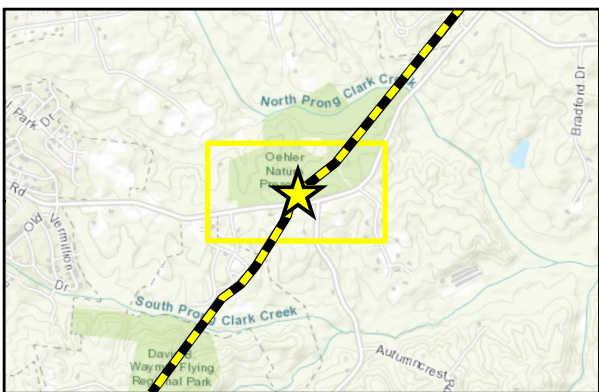
Abandoned Well

Note:

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

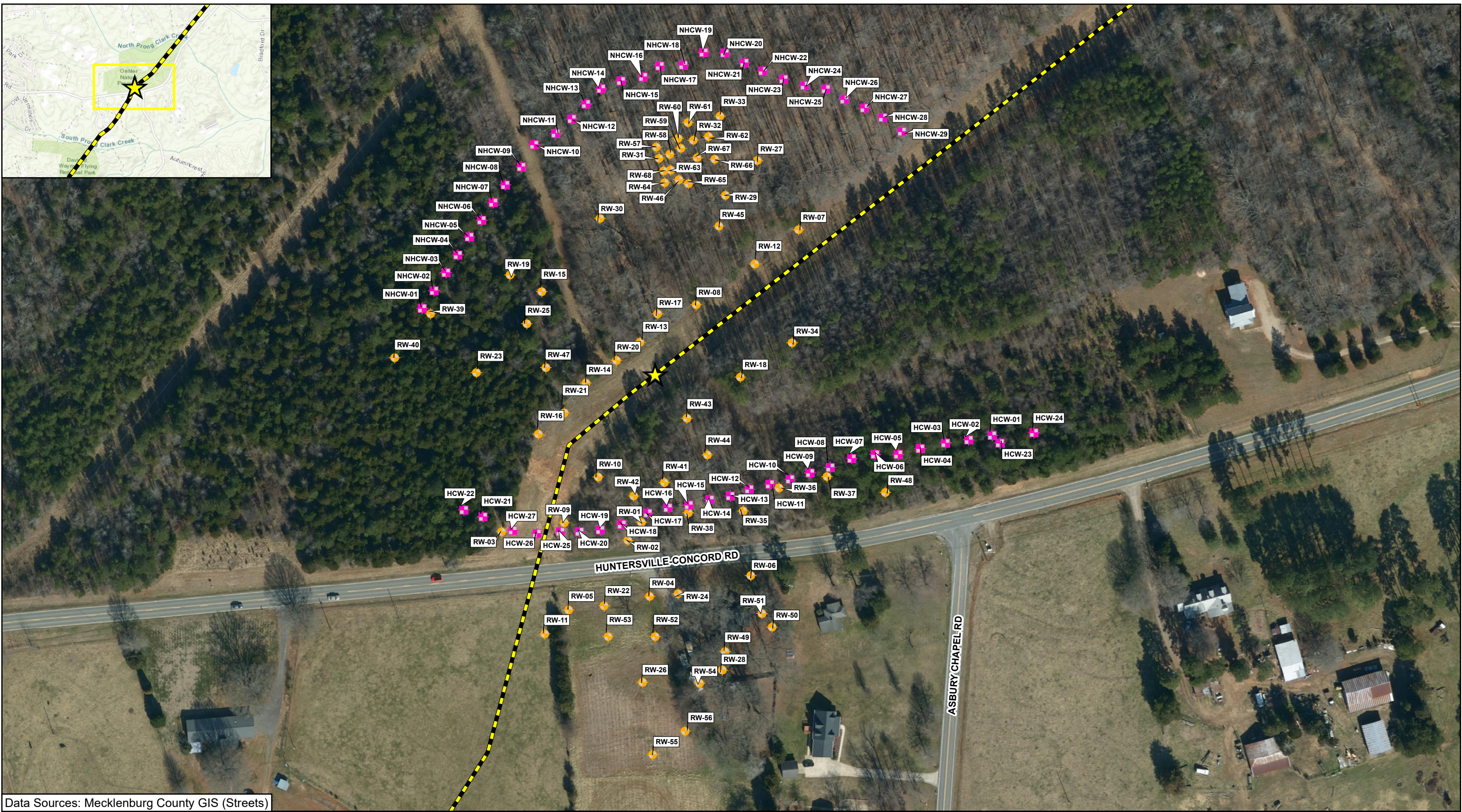
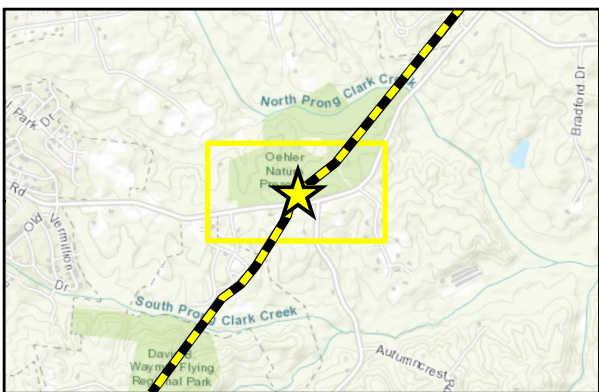
FIGURE

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:	05/28/2021; 09:50					
	Project No.:	CPC20126					



Data Sources: Mecklenburg County GIS (Streets)

	Checked By:	AS
	Created By:	CW
	Scale:	1 " = 120 FT
	Date/Time:	05/28/2021; 09:51
	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	Tetrachloroethane	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	<																											

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	<0.00																		

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	Benzene	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	p-Isopropyltoluene	Methylene Chloride	4-Methyl-2-pentanone (MIBK)	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene
	Soil-to-Water MSCCs			68	540	31	NE	7.2	16,000	2,400	2,200	320	8,000	1,300	NE	23	420	85	200	1,400	6,000	6,600	6,600	6,000	NE	NE
	Residential MSCCs			625	1,560	469	NE	12,000	9,380,000	782,000	1,560,000	NE	60,300	1,560,000	NE	93,800	1,250,000	156,000	5,500	1,560,000	3,120,000	156,000	156,000	3,120,000	NE	NE
	Industrial / Commercial MSCCs			9,340	23,300	7,000	NE	59,400	140,000,000	11,600,000	23,300,000	2,330,000	297,000	23,330,000	NE	1,400,000	18,600,000	1,810,000	27,000	23,300,000	46,700,000	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	<7.2	<145	<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	<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	<6.3	<127	<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	<12.7	<12.7	<6.3	
92492458	MW-2 (12.5-15)	MW-02	08/25/2020	NA	NA	NA	NA	<3.2	<64.6	<3.2	<3.2	<3.2	<3.2	<3.2	<12.9	<32.3	<3.2	5.6	<3.2	4	14	3.5	12	8.3	3.6	
92492458	MW-2 (22.5-25)	MW-02	08/25/2020	NA	NA	NA	NA	<4.6	<91.3	<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	<9.1	<9.1	<4.6	
92492672	MW-3 (15-17.5)	MW-03	08/25/2020	NA	NA	NA	NA	<5	<99.8	<5	NA	<5	<5	<5	5.5	<20	<49.9	<5	<5	<5	<5	<5	<10	<10	<5	
92492672	MW-3 (2.5-5)	MW-03	08/25/2020	NA	NA	NA	NA	<5.5	<110	<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	<11	<11	<5.5	
92493060	MW-4 (15-17.5)	MW-04	08/28/2020	<7.52	<7.52	<7.52	<7.52	<4.9	<98.1	<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	<9.8	<9.8	<4.9	
92493060	MW-4 (5-7.5)	MW-04	08/28/2020	<8.46	<8.46	<8.46	<8.46	<5.5	<110	<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	<11	<11	<5.5	
92493075	MW-5 (20-22.5)	MW-05	08/28/2020	<7.72	<7.72	<7.72	<7.72	<4.9	<97.6	<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	<9.8	<9.8	<4.9	
92493075	MW-5 (7.5-10)	MW-05	08/28/2020	<8.26	<8.26	<8.26	<8.26	<5	<101	<5	<5	<5	<5	<5	<5	<20.1	<50.3	<5	<5	<5	<5	<5	<10.1	<10.1	<5	
92493224	MW-6 (1-2.5)	MW-06	08/29/2020	<7.86	<7.86	<7.86	<7.86	<7.7	<154	<7.7	<7.7	<7.7	<7.7	<7.7	<30.9	<77.1	<7.7	<7.7	<7.7	<7.7	<7.7	<15.4	<15.4	<7.7		
92493224	MW-6 (15-17.5)	MW-06	08/29/2020	<7.51	<7.51	<7.51	<7.51	<5.7	<114	<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	<11.4	<11.4	<5.7	
92493224	MW-7 (15-17.5)	MW-07	08/30/2020	<6.96	<6.96	<6.96	<6.96	<5.1	<103	<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	<10.3	<10.3	<5.1	
92493224	MW-7 (5-7.5)	MW-07	08/30/2020	<8.26	<8.26	<8.26	<8.26	<5	<101	<5	<5	<5	<5	<5	<5	<20.2	<50.4	<5	<5	<5	<5	<5	<10.1	<10.1	<5	
92493110	RW-07 (32.5-35)	MW-08	08/29/2020	<5.89	<5.89	<5.89	<5.89	<4.9	<98.6	<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	<9.9	<9.9	<4.9	
92493224	MW-9 (20-22.5)	MW-09	08/31/2020	<7.53	<7.53	<7.53	<7.53	<4.9	<97.8	<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	<9.8	<9.8	<4.9	
92493224	MW-9 (7.5-10)	MW-09	08/31/2020	<8.39	<8.39	<8.39	<8.39	<5.4	<108	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<21.5	<53.9	<5.4	<5.4	<5.4	<5.4	<5.4	<10.8	<10.8	<5.4	
92493403	MW-10 (22.5-25)	MW-10	08/31/2020	<5.34	<5.34	<5.34	<5.34	<4.3	<85.1	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<17	<42.6	<4.3	<4.3	<4.3	<4.3	<4.3	<8.5	<8.5	<4.3	
92493403	MW-10 (7.5-10)	MW-10	08/31/2020	<9.2	<9.2	<9.2	<9.2	<5.7	<114	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<22.8	<57	<5.7	<5.7	<5.7	<5.7	<5.7	<11.4	<11.4	<5.7	
92493992	MW-11 (37.5-40')	MW-11	09/01/2020	<6.16	<6.16	<6.16	<6.16	<1.23	<123	<15.4	<15.4	<1.23	<3.08	<3.08	<6.16	<30.8	<30.8	<1.23	<15.4	<6.16	<6.16	<6.16	<6.16	<8.01	<4.93	<3.08
92492881	SB-118 (2.5-5)	MW-12	08/27/2020	<7.88	<7.88	<7.88	<7.88	<4.6	<91.7	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<18.3	<45.8	<4.6	<4.6	<4.6	<4.6	<4.6	<9.2	<9.2	<4.6	
92492881	SB-118 (20-22.5)	MW-12	08/27/2020	<7.11	<7.11	<7.11	<7.11	<4.9	<97.4	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<19.5	<48.7	<4.9	<4.9	<4.9	<4.9	<4.9	<9.7	<9.7	<4.9	
92493992	MW-13 (25-27.5)	MW-13	09/01/2020	<8.04	<8.04	<8.04	<8.04	<1.61	<161	<20.2	<20.2	<1.61	<4.02	<4.02	<8.04	<40.2	<40.2	<1.61	<20.2	<8.04	<8.04	<8.04	<8.04	<10.5	<6.44	<4.02
92493992	B-01 MW-14 (25'-27.5')	MW-14	09/01/2020	<7.56	<7.56	<7.56	<7.56	<5.3	<106	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<21.1	<52.9	<5.3	<5.3	<5.3	<5.3	<5.3	<10.6	<10.6	<5.3	
92493643	MW-15 (27.5-29)	MW-15	09/02/2020	<7.69	<7.69	<7.69	<7.69	<4.9	<97.3	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<19.5	<48.7	<4.9	<4.9	<4.9	<4.9	<4.9	<9.7	<9.7	<4.9	
92493643	MW-15 (5-7.5)	MW-15</																								

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	Benzene	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	p-Isopropyltoluene	Methylene Chloride	4-Methyl-2-pentanone (MIBK)	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene
	Soil-to-Water MSCCs			68	540	31	NE	7.2	16,000	2,400	2,200	320	8,000	1,300	NE	23	420	85	200	1,400	6,000	6,600	6,600	6,000	NE	NE
	Residential MSCCs			625	1,560	469	NE	12,000	9,380,000	782,000	1,560,000	NE	60,300	1,560,000	NE	93,800	1,250,000	156,000	5,500	1,560,000	3,120,000	156,000	156,000	3,120,000	NE	NE
	Industrial / Commercial MSCCs			9,340	23,300	7,000	NE	59,400	140,000,000	11,600,000	23,300,000	2,330,000	297,000	23,330,000	NE	1,400,000	18,600,000	1,810,000	27,000	23,300,000	46,700,000	2,330,000	2,330,000	46,700,000	NE	NE
92494609	BH-16 (20-22.5)	MW-35	09/07/2020	<8.28	<8.28	<8.28	<8.28	<6.3	<125	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<25	<62.5	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<12.5	<12.5	<6.3
92494609	BH-16 (7.5-10)	MW-35	09/07/2020	<7.21	<7.21	<7.21	<7.21	<6.5	<129	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<25.9	<64.7	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<12.9	<12.9	<6.5
92494609	BH-17 (1-2.5)	MW-36	09/08/2020	<9.09	<9.09	<9.09	<9.09	<11.5	<230	<11.5	<11.5	<11.5	<11.5	<11.5	<11.5	<46	<115	<11.5	<11.5	<11.5	<11.5	<11.5	<11.5	<23	<23	<11.5
92494609	BH-17 (22.5-25)	MW-36	09/08/2020	<7.84	<7.84	<7.84	<7.84	<7.1	<141	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<28.3	<70.7	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<14.1	<14.1	<7.1
92494609	BH-18 (22.5-25)	MW-37	09/08/2020	<7.43	<7.43	<7.43	<7.43	<6.6	<132	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<26.3	<65.8	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<13.2	<13.2	<6.6
92494609	BH-18 (5-7.5)	MW-37	09/08/2020	<8.5	<8.5	<8.5	<8.5	<6.4	<128	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<25.7	<64.2	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<12.8	<12.8	<6.4
92494587	MW 38-30-32.5	MW-38	09/08/2020	<9.04	<9.04	<9.04	<9.04	<5.7	<114	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<22.8	<57.0	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11.4	<11.4	<5.7
92494858	MW-39 (7.5'-10')	MW-39	09/08/2020	<9.29	3.89	6.08	9.97	<9.6	<192	<9.6	<9.6	<9.6	<9.6	<9.6	<9.6	<38.3	<95.9	<9.6	<9.6	<9.6	7.8	<9.6	<9.6	<19.2	<19.2	<9.6
92494925	BH-19 (20-22.5)	MW-40	09/08/2020	<8.12	<8.12	<8.12	<8.12	<6.7	<134	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<26.7	<66.8	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<13.4	<13.4	<6.7
92494925	BH-19 (25-27.5)	MW-40	09/08/2020	<7.44	<7.44	<7.44	<7.44	<7.1	<142	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<28.4	<71	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<14.2	<14.2	<7.1
92494609	BH-20 (40-44)	MW-41	09/08/2020	<7.13	<7.13	<7.13	<7.13	<6.4	<128	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<25.7	<64.2	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<12.8	<12.8	<6.4
92494609	BH-20 (7.5-10)	MW-41	09/08/2020	<7.45	<7.45	<7.45	<7.45	<8.1	<162	<8.1	<8.1	<8.1	<8.1	<8.1	<8.1	<32.4	<80.9	<8.1	<8.1	<8.1	<8.1	<8.1	<8.1	<16.2	<16.2	<8.1
92495194	MW-42 (17.5-20)	MW-42	09/10/2020	<6.21	<6.21	<6.21	<6.21	<5.4	<109	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<21.8	<54.4	<5.4	<5.4	<5.4	8.8	15.5	<5.4	20.6	13.3	7.3
92493136	RW-08 (35-37.5)	MW-43	08/30/2020	11.6	<7.54	<7.54	NA	<4.8	<96.9	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<19.4	<48.4	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.7	<9.7	<4.8
92495194	MW-44 (10-12.5)	MW-44	09/10/2020	<6.39	<6.39	<6.39	<6.39	<6.0	<120	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<23.9	<59.8	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12.0	<12.0	<6.0
92495194	MW-45 (25-27.5)	MW-45	09/11/2020	<7.18	<7.18	<7.18	<7.18	<6.3	<126	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<25.2	<63.0	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<12.6	<12.6	<6.3
92495313	MW-46 (25-27.5)	MW-46	09/12/2020	<7.89	24.1	<7.89	32	<5.8	<116	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<23.2	<57.9	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<11.6	<11.6	<5.8
92495313	MW-47 (25-27)	MW-47	09/12/2020	<8.95	<8.95	<8.95	13.5	<5.7	<113	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<22.6	<56.6	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11.3	<11.3	<5.7
92495719	BH-21(12.5-15)	MW-49	09/15/2020	<7.49	<7.49	<7.49	<7.49	<5.5	<111	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<22.1	<55.3	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11.1	<11.1	<5.5
92495719	BH-21(25-27.5)	MW-49	09/15/2020	<7.53	<7.53	<7.53	<7.53	<5.8	<115	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	99.2	<57.5	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<11.5	<11.5	<5.8
92495719	BH-22 (17.5-20)	MW-50	09/15/2020	<7.55	<7.55	<7.55	<7.55	<7.4	<149	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<29.8	<74.5	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<14.9	<14.9	<7.4
92495719	BH-22 (25-27.5)	MW-50	09/15/2020	<8.73	<8.73	<8.73	<8.73	<6.8	<136	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<27.1	<67.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<13.6	<13.6	<6.8
92496432	MW-5(25-27.5)	MW-51	09/18/2020	<7.30	<7.30	<7.30	<7.30	<5.8	<117	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<23.4	<58.4	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<11.7	<11.7	<5.8
92497523	MW-52 (25-27.5)	MW-52	09/23/2020	<7.62	<7.62	2.68	2.68	<6.3	<126	<6.3	<6.3	&														

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	Benzene	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	p-Isopropyltoluene	Methylene Chloride	4-Methyl-2-pentanone (MIBK)	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene	
	Soil-to-Water MSCCs			68	540	31	NE	7.2	16,000	2,400	2,200	320	8,000	1,300	NE	23	420	85	200	1,400	6,000	6,600	6,600	6,000	NE	NE	
	Residential MSCCs			625	1,560	469	NE	12,000	9,380,000	782,000	1,560,000	NE	60,300	1,560,000	NE	93,800	1,250,000	156,000	5,500	1,560,000	3,120,000	156,000	156,000	3,120,000	NE	NE	
	Industrial / Commercial MSCCs			9,340	23,300	7,000	NE	59,400	140,000,000	11,600,000	23,300,000	2,330,000	297,000	23,330,000	NE	1,400,000	18,600,000	1,810,000	27,000	23,300,000	46,700,000	2,330,000	2,330,000	46,700,000	NE	NE	
92493095	RW-5 (30-32.5)	RW-05	08/28/2020	11.3	12.7	<6.95	NA	1,470	<638	704	<31.9	<31.9	5,920	641	631	<128	<319	<31.9	2,010	<31.9	18,800	14,800	4,260	32,400	23,100	9,320	
92493096	RW-6 (37.5-40)	RW-06	08/28/2020	392	641	259	NA	1,130	<1570	2,990	<78.5	<78.5	14,200	1,890	<78.5	<314	<78.5	<78.5	10,100	<78.5	29,800	53,100	14,900	83,600	58,000	25,700	
92493643	BH-02 (27.5-30)	RW-07	09/02/2020	904	770	438	2,110	457	<310	<15.5	<15.5	40.4	3,490	<15.5	488	89.6	<155	<15.5	1,980	<15.5	7,530	10,900	2,950	21,500	14,700	6,760	
92493643	BH-02 (32.5-35)	RW-07	09/02/2020	6,960	3,750	1,650	12,400	24,400	<11,800	<592	<592	1,280	147,000	<592	<592	<2370	<5920	<592	35,900	<592	399,000	326,000	89,800	856,000	600,000	256,000	
92493136	RW-09 (22.5-25)	RW-09	08/30/2020	<7.38	<7.38	<7.38	NA	66.5	<108	<5.4	<5.4	<5.4	78.4	<5.4	12.9	<21.7	<54.2	<5.4	20.5	<5.4	269	219	67.6	436	313	123	
92493992	RW-11 (25-27.5)	RW-11	09/02/2020	<6.72	<6.72	<6.72	<6.72	34	<134	23.5	<16.8	3.87	34.4	5.87	<6.72	<33.6	<33.6	<1.34	<16.8	<6.72	224	27.7	<6.72	<8.74	131	46.1	
92493992	RW-11 (27.5-30)	RW-11	09/02/2020	201	76.2	41.1	319	912	<121	1,070	380	<1.21	4,260	839	248	<30.1	<30.1	8.16	1,770	1,640	11,500	10,800	2,700	22,400	16,000	6,340	
92494609	BH-10 (10-12.5)	RW-18	09/04/2020	<8.49	<8.49	<8.49	<8.49	<7.6	<152	<7.6	<7.6	<7.6	12.4	<7.6	<7.6	<30.5	<76.2	<7.6	<7.6	<7.6	58.5	18.8	<7.6	59.2	40.1	19.1	
92494609	BH-10 (22.5-25)	RW-18	09/04/2020	344	711	311	1,060	913	<2860	<143	<143	<143	18,200	<143	<143	<573	<1430	<143	10,300	<143	28,400	78,000	22,300	112,000	76,200	35,500	
92497664	RW-36 (22.5-25)	RW-36	09/27/2020	<6.78	<6.78	2.39	2.39	<7.3	<146	<7.3	<7.3	<7.3	<7.3	<7.3	<29.1	<72.8	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<14.6	<14.6	<7.3	
92497664	RW-37 (25-30)	RW-37	09/27/2020	<6.79	<6.79	2.35	2.35	<6.4	<129	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<25.7	<64.3	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<12.9	<12.9	<6.4	
92498670	RW-40@25-27.5	RW-40	10/03/2020	NA	NA	NA	NA	<5.8	55.1J	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	47.2	<57.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<11.6	<11.6	<5.8	
92509149	PMW-11@ (46'-48')	RW-48	11/30/2020	113	284	321	397	32.2	<130	465	<6.5	<6.5	705	157	<6.5	<26	167	<6.5	1,680	662	798	5,990	1,720	3,930	2,560	1,380	
92518156	RW-51(45-47)	RW-51	01/18/2021	1,290	1,280	589	3,160	7,260	<10,700	6,670	2,510	513	57,700	6,650	1,440	<2,690	<2,690	<107	18,500	25,400	136,000	133,000	43,000	310,000	NA	NA	
92518156	RW-52(30-32)	RW-52	01/18/2021	2,640	2,360	709	5,720	60,100	<31,500	4,580	<3,930	1,700	140,000	10,000	<1,570	<7,870	<7,870	<315	38,200	35,700	681,000	186,000	50,200	703,000	NA	NA	
92520906	HCW-24	HCW-24	02/06/2021	7.11	<5.64	<5.64	7.11	<1.13	<113	<14.1	<14.1	<1.13	<2.83	<2.83	<5.66	<28.3	<28.3	<1.13	<14.1	<5.66	<5.66	<5.66	<5.66	<7.36	NA	NA	
92537163	RW-63 40-42	RW-63	05/05/2021	19,200	18,200	5,130	37,500	21,700	<30,400	55,100	<1,520	4,760	440,000	48,500	49,900	<6,090	26,200	<1,520	130,000	184,000	813,000	1,110,000	323,000	2,660,000	1,850,000	808,000	
92537163	RW-63 42-44	RW-63	05/05/2021	26,400	20,000	5,630	46,300	50,500	<34,900	61,300	<1,750	10,900	578,000	61,700	57,500	<6,980	<17,500	<1,750	174,000	222,000	1,230,000	1,370,000	395,000	3,450,000	2,400,000	1,050,000	
92537482	RW-64 10-12 20210506	RW-64	05/06/2021	100	97.0	27.4	197	1,280	<221	<11.1	<11.1	239	1230	72.0	56.4	<44.2	<111	<11.1	169	246	8,030	1,630	<11.1	7,460	5,220	2,250	
92537482	RW-64 20-22 20210506	RW-64	05/06/2021	8,610	6,760	1,600	15,400	13,700	<11,800	17,800	<591	1,430	182,000	17,200	15,900	<2,370	14,600	<591	36,900	62,500	411,000	351,000	101,000	1,060,000	751,000	314,000	
92537482	RW-65 4-6 20210506	RW-65	05/06/2021	18.2	<6.3	<6.3	21.4	889	<264	<13.2	<13.2	34.8	270	<13.2	<13.2	<52.8	<132	<13.2	<13.2	<13.2	3,210	91.7	<13.2	1,340	967	368	
92537482	RW-65 20-22 20210506	RW-65	05/06/2021	19,100	21,100	6,810	40,200	898	<2,070	3,320	<103	102J	14,300	2,240	2,880	<413	2,150	<103	8,020	8,960	22,300	58,800	17,000	88,900	60,300	28,500	
92537482	RW-65 28-30 20210506	RW-65	05/06/2021	14,900	12,000	3,330	26,900	31,400	<24,800	38,500	<1,240	2,510	377,000	37,600	35,000	<4,950	30,900	<1,240	85,800	138,000	878,000	783,000	227,000	2,210,000	1,560,000	647,000	
92537482	RW-65 36-38 20210506	RW-65	05/06/2021	3,340	2,030	519	5,380	8,470	<3,680	6,730	<184	1,070	57,300	5,890	5,880	<735	5,230	281	15,100	21,400	144,000	131,000	37,500	339,000	237,000	103,000	
92537482	RW-65 38-40 20210506	RW-65	05/06/2021	4,800	2,340	648	7,140	15,600	<4,830	7,020	<242	1,320	64,700	6,320	5,990	<966	5,940	213J	15,900	22,600	191,000	136,000	38,700	375,000	264,000	112,000	
Quality Control Data																											
92492881	TB-1	Trip Blank	08/27/2020	NA	NA	NA	NA	<1	<5	NA	NA	<1	<1	NA	<1	<5	<5	<1	<1	NA	<1	NA	NA	<1	<2	<1	
92493060	TB-1	Trip Blank	08/28/2020	NA	NA	NA	NA	<1	<5	NA	NA	<1	<1	NA	<1	<5	<5	<1	<1	NA	<1	NA	NA	<1	<2	<1	
92493075	TB-1	Trip Blank	08/28/2020	NA	NA	NA	NA	<1	<5	NA	NA	<1	<1	NA	<1	<5	<5	<1	<1	NA	<1	NA	NA	<1	<2	<1	
92493224	TB-1	Trip Blank	08/31/2020	NA	NA	NA	NA	<1	<5	NA	NA	<1	<1	NA	<1	<5	<5	<1	<1	NA	<1	NA	NA	<1	<2	<1	
92493403	TB-1	Trip Blank	08/31/2020	NA	NA	NA	NA	<1	<5	NA	NA	<1	<1	NA	<1	<5	<5	<1	<1	NA	<1	NA	NA	<1	<2	<1	
92493643	TB-1	Trip Blank	08/31/2020	NA	NA	NA	NA	<1	<5	NA	NA	<1	<1	NA	<1	<5	<5	<1	<1	NA	<1	NA	NA	<1	<2	<1	
92493861	TB-1	Trip Blank	09/02/2020	NA	NA	NA	NA	<1	<5	NA	NA	<1	<1	NA	<1	<5	<5	<1	<1	NA	<1	NA	NA	<1	<2	<1	
92494208	TB-1	Trip Blank	09/04/2020	NA	NA	NA																					

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 (ug/kg)
Only detected constituents are shown
MSCC - Maximum Soil Contaminant Concentrations
* < - Indicates compound was not detected above 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
Methylene Chloride is likely a laboratory artifact

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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)
Shallow Monitoring Wells							
MW-01	A	709.60	9/1/2020	ND	25.05	0.00	684.55
MW-01	A	709.60	9/3/2020	ND	25.82	0.00	683.78
MW-01	A	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	A	710.96	9/1/2020	ND	26.65	0.00	684.31
MW-02	A	710.96	9/3/2020	ND	27.59	0.00	683.37
MW-02	A	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	A	712.05	9/1/2020	ND	28.30	0.00	683.75
MW-04	A	712.05	9/3/2020	ND	28.19	0.00	683.86
MW-04	A	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	C	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	A	705.61	9/1/2020	ND	24.19	0.00	681.42
MW-05	A	705.61	9/3/2020	ND	25.22	0.00	680.39
MW-05	A	705.61	9/5/2020	ND	26.38	0.00	679.23
MW-05	A	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	A	703.81	9/1/2020	ND	20.70	0.00	683.11
MW-06	A	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	A	709.46	9/1/2020	ND	26.67	0.00	682.79
MW-07	A	709.46	9/3/2020	ND	26.53	0.00	682.93
MW-07	A	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	C	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	D	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	A	709.46	9/1/2020	ND	26.02	0.00	683.44
MW-09	A	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	A	721.52	9/1/2020	Dry	Dry	Dry	Dry
MW-10	A	721.52	9/3/2020	Dry	Dry	Dry	Dry
MW-10	A	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	A	739.65	9/1/2020	ND	40.90	0.00	698.75
MW-11	A	739.65	9/3/2020	ND	43.20	0.00	696.45
MW-11	A	739.65	9/14/2020	ND	45.24	0.00	694.41
MW-11	A	739.65	9/18/2020	ND	42.00	0.00	697.65
MW-11	A	739.65	9/28/2020	ND	42.03	0.00	697.62
MW-11	A	739.65	10/3/2020	ND	42.14	0.00	697.51
MW-11	A	739.65	10/19/2020	ND	42.24	0.00	697.41
MW-11	A	739.65	10/26/2020	ND	42.30	0.00	697.35
MW-11	A	739.65	11/9/2020	42.40	42.41	0.01	697.24
MW-11	A	739.65	11/18/2020	42.53	42.55	0.02	697.11
MW-11	A	739.65	11/24/2020	NM	NM	NM	NM
MW-11	A	739.65	12/7/2020	42.31	42.65	0.34	697.25
MW-11	A	739.65	12/21/2020	42.06	43.90	1.84	697.09
MW-11	A	739.65	12/26/2020	41.96	44.51	2.55	697.00
MW-11	A	739.65	1/10/2021	41.60	41.85	0.25	697.98
MW-11	A	739.65	1/19/2021	41.40	47.00	5.60	696.75
MW-11	A	739.65	1/25/2021	41.45	47.72	6.27	696.52
MW-11	A	739.65	2/1/2021	41.56	47.60	6.04	696.47
MW-11	A	739.65	2/8/2021	41.66	48.09	6.43	696.27
MW-11	A	739.65	2/16/2021	41.48	47.57	6.09	696.54
MW-11	A	739.65	2/22/2021	41.52	47.43	5.91	696.55
MW-11	A	739.65	3/4/2021	41.51	47.26	5.75	696.60
MW-11	A	739.65	3/8/2021	41.87	47.66	5.79	696.23
MW-11	A	739.65	3/11/2021	41.95	47.65	5.70	696.17
MW-11	A	739.65	3/15/2021	42.09	47.84	5.75	696.02
MW-11	A	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	D	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	A	736.29	9/14/2020	ND	41.77	0.00	694.52
MW-13	A	736.29	9/18/2020	ND	38.42	0.00	697.87
MW-13	A	736.29	9/28/2020	ND	38.40	0.00	697.89
MW-13	A	736.29	10/3/2020	ND	38.51	0.00	697.78
MW-13	A	736.29	10/19/2020	ND	38.55	0.00	697.74
MW-13	A	736.29	10/26/2020	ND	38.62	0.00	697.67
MW-13	A	736.29	11/9/2020	ND	38.72	0.00	697.57
MW-13	A	736.29	11/18/2020	ND	38.86	0.00	697.43
MW-13	A	736.29	11/23/2020	ND	38.75	0.00	697.54
MW-13	A	736.29	12/7/2020	ND	38.72	0.00	697.57
MW-13	A	736.29	12/21/2020	ND	38.81	0.00	697.48
MW-13	A	736.29	12/26/2020	ND	38.92	0.00	697.37
MW-13	A	736.29	1/10/2021	ND	39.07	0.00	697.22
MW-13	A	736.29	1/19/2021	ND	39.11	0.00	697.18
MW-13	A	736.29	1/25/2021	ND	39.28	0.00	697.01
MW-13	A	736.29	2/1/2021	ND	39.30	0.00	696.99
MW-13	A	736.29	2/8/2021	ND	39.70	0.00	696.59
MW-13	A	736.29	2/16/2021	ND	39.58	0.00	696.71
MW-13	A	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	C	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	C	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	A	729.75	9/3/2020	ND	36.67	0.00	693.08
MW-18	A	729.75	9/14/2020	ND	39.78	0.00	689.97
MW-18	A	729.75	9/18/2020	ND	39.75	0.00	690.00
MW-18	A	729.75	9/28/2020	ND	39.71	0.00	690.04
MW-18	A	729.75	10/3/2020	ND	39.79	0.00	689.96
MW-18	A	729.75	10/19/2020	ND	39.88	0.00	689.87
MW-18	A	729.75	10/26/2020	ND	39.93	0.00	689.82
MW-18	A	729.75	11/9/2020	ND	40.04	0.00	689.71
MW-18	A	729.75	11/18/2020	ND	40.15	0.00	689.60
MW-18	A	729.75	11/23/2020	ND	40.17	0.00	689.58
MW-18	A	729.75	12/7/2020	ND	40.11	0.00	689.64
MW-18	A	729.75	12/21/2020	40.13	40.88	0.75	689.42
MW-18	A	729.75	12/26/2020	39.85	41.95	2.10	689.34
MW-18	A	729.75	1/10/2021	39.89	45.56	5.67	688.34
MW-18	A	729.75	1/19/2021	39.24	45.50	6.26	688.83
MW-18	A	729.75	1/25/2021	39.35	45.57	6.22	688.74
MW-18	A	729.75	2/1/2021	39.30	45.80	6.50	688.71
MW-18	A	729.75	2/8/2021	39.57	46.40	6.83	688.35
MW-18	A	729.75	2/16/2021	39.27	46.48	7.21	688.55
MW-18	A	729.75	2/22/2021	39.16	46.44	7.28	688.64
MW-18	A	729.75	3/4/2021	ND	39.21	0.00	690.54
MW-18	A	729.75	3/8/2021	ARP	ARP	ARP	ARP
MW-18	A	729.75	3/15/2021	ARP	ARP	ARP	ARP
MW-18	A	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	C	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	D	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	C	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	A B	724.32	9/14/2020	ND	30.06	0.00	694.26
MW-23	A B	724.32	9/18/2020	ND	30.38	0.00	693.94
MW-23	A B	724.32	9/28/2020	ND	29.82	0.00	694.50
MW-23	A	723.81	10/3/2020	ND	29.86	0.00	693.95
MW-23	A	723.81	10/19/2020	ND	29.81	0.00	694.00
MW-23	A	723.81	10/26/2020	ND	29.78	0.00	694.03
MW-23	A	723.81	11/9/2020	ND	29.79	0.00	694.02
MW-23	A	723.81	11/18/2020	ND	29.82	0.00	693.99
MW-23	A	723.81	11/23/2020	ND	30.79	0.00	693.02
MW-23	A	723.81	12/7/2020	ND	29.73	0.00	694.08
MW-23	A	723.81	12/21/2020	ND	29.79	0.00	694.02
MW-23	A	723.81	12/26/2020	ND	28.10	0.00	695.71
MW-23	A	723.81	1/10/2021	ND	29.88	0.00	693.93
MW-23	A	723.81	1/19/2021	ND	29.57	0.00	694.24
MW-23	A	723.81	1/25/2021	ND	29.74	0.00	694.07
MW-23	A	723.81	2/1/2021	ND	29.76	0.00	694.05
MW-23	A	723.81	2/8/2021	ND	29.89	0.00	693.92
MW-23	A	723.81	2/16/2021	ND	29.80	0.00	694.01
MW-23	A	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	A B	714.94	9/14/2020	ND	26.90	0.00	688.04
MW-37	A B	714.94	9/18/2020	ND	26.92	0.00	688.02
MW-37	A B	714.94	9/28/2020	ND	26.99	0.00	687.95
MW-37	A B	714.94	10/3/2020	ND	27.14	0.00	687.80
MW-37	A B	714.94	10/19/2020	ND	27.18	0.00	687.76
MW-37	A B	714.94	10/26/2020	ND	27.21	0.00	687.73
MW-37	A B	714.94	11/9/2020	ND	27.16	0.00	687.78
MW-37	A B	714.94	11/18/2020	ND	27.18	0.00	687.76
MW-37	A B	714.94	11/23/2020	ND	27.12	0.00	687.82
MW-37	A B	714.94	12/7/2020	ND	26.90	0.00	688.04
MW-37	A B	714.94	12/21/2020	ND	26.85	0.00	688.09
MW-37	A B	714.94	12/26/2020	ND	26.89	0.00	688.05
MW-37	A B	714.94	1/10/2021	ND	26.69	0.00	688.25
MW-37	A B	714.94	1/19/2021	ND	26.61	0.00	688.33
MW-37	A B	714.94	1/25/2021	26.38	26.60	0.22	688.50
MW-37	A B	714.94	2/1/2021	26.08	26.99	0.91	688.62
MW-37	A B	714.94	2/8/2021	25.74	28.73	2.99	688.40
MW-37	A B	714.94	2/16/2021	24.25	31.24	6.99	688.82
MW-37	A	710.54	2/22/2021	ND	26.35	0.00	684.19
MW-37	A	710.54	3/4/2021	ARP	ARP	ARP	ARP
MW-37	A	710.54	3/8/2021	ARP	ARP	ARP	ARP
MW-37	A	710.54	3/15/2021	ARP	ARP	ARP	ARP
MW-37	A	710.54	3/22/2021	ARP	ARP	ARP	ARP
MW-37	A	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	A	738.13	9/14/2020	ND	41.90	0.00	696.23
MW-39	A	738.13	9/18/2020	ND	38.31	0.00	699.82
MW-39	A	738.13	9/28/2020	ND	38.33	0.00	699.80
MW-39	A	738.13	10/3/2020	ND	38.58	0.00	699.55
MW-39	A	738.13	10/19/2020	38.51	39.71	1.20	699.30
MW-39	A	738.13	11/9/2020	38.48	39.04	0.56	699.50
MW-39	A	738.13	11/18/2020	ARP	ARP	ARP	ARP
MW-39	A	738.13	11/23/2020	37.85	38.95	1.10	699.98
MW-39	A	738.13	12/7/2020	ARP	ARP	ARP	ARP
MW-39	A	738.13	12/21/2020	ARP	ARP	ARP	ARP
MW-39	A C	738.13	12/26/2020	30.20	30.31	0.11	707.90
MW-39	A	738.13	1/10/2021	ARP	ARP	ARP	ARP
MW-39	A	738.13	1/19/2021	ARP	ARP	ARP	ARP
MW-39	A	738.13	1/25/2021	ARP	ARP	ARP	ARP
MW-39	A	738.13	2/1/2021	39.66	39.95	0.29	698.39
MW-39	A	738.13	2/8/2021	ARP	ARP	ARP	ARP
MW-39	A	738.13	2/16/2021	ARP	ARP	ARP	ARP
MW-39	A	738.13	2/22/2021	ARP	ARP	ARP	ARP
MW-39	A	738.13	3/4/2021	ND	40.02	0.00	698.11
MW-39	A	738.13	3/8/2021	ARP	ARP	ARP	ARP
MW-39	A	738.13	3/15/2021	ARP	ARP	ARP	ARP
MW-39	A	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	A	735.71	9/14/2020	ND	41.33	0.00	694.38
MW-42	A	735.71	9/18/2020	ND	38.15	0.00	697.56
MW-42	A	735.71	9/28/2020	ND	38.14	0.00	697.57
MW-42	A	735.71	10/3/2020	ND	38.25	0.00	697.46
MW-42	A	735.71	10/19/2020	ND	38.31	0.00	697.40
MW-42	A	735.71	10/26/2020	ND	38.36	0.00	697.35
MW-42	A	735.71	11/9/2020	ND	38.44	0.00	697.27
MW-42	A	735.71	11/18/2020	ND	38.57	0.00	697.14
MW-42	A	735.71	11/23/2020	ND	38.42	0.00	697.29
MW-42	A	735.71	12/7/2020	ND	38.40	0.00	697.31
MW-42	A	735.71	12/21/2020	ND	38.50	0.00	697.21
MW-42	A	735.71	12/26/2020	ND	38.61	0.00	697.10
MW-42	A	735.71	1/10/2021	ND	38.74	0.00	696.97
MW-42	A	735.71	1/19/2021	ND	38.71	0.00	697.00
MW-42	A	735.71	1/25/2021	ND	38.93	0.00	696.78
MW-42	A	735.71	2/1/2021	ND	38.97	0.00	696.74
MW-42	A	735.71	2/8/2021	ND	39.26	0.00	696.45
MW-42	A	735.71	2/16/2021	ND	39.10	0.00	696.61
MW-42	A	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	D	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	A	726.77	9/14/2020	ND	30.88	0.00	695.89
MW-47	A	726.77	9/18/2020	ND	30.75	0.00	696.02
MW-47	A	726.77	9/28/2020	ND	30.74	0.00	696.03
MW-47	A	726.77	10/3/2020	30.54	30.88	0.34	696.14
MW-47	A	726.77	10/19/2020	25.61	27.85	2.24	700.56
MW-47	A	726.77	11/9/2020	25.51	27.78	2.27	700.65
MW-47	A	726.77	11/18/2020	ARP	ARP	ARP	ARP
MW-47	A	726.77	11/23/2020	25.51	27.75	2.24	700.66
MW-47	A	726.77	12/7/2020	ARP	ARP	ARP	ARP
MW-47	A	726.77	12/21/2020	ARP	ARP	ARP	ARP
MW-47	A	726.77	12/26/2020	25.58	27.80	2.22	700.60
MW-47	A	726.77	1/10/2021	ARP	ARP	ARP	ARP
MW-47	A	726.77	1/19/2021	ARP	ARP	ARP	ARP
MW-47	A	726.77	1/25/2021	ARP	ARP	ARP	ARP
MW-47	A	726.77	2/1/2021	25.46	27.68	2.22	700.72
MW-47	A	726.77	2/8/2021	ARP	ARP	ARP	ARP
MW-47	A	726.77	2/16/2021	ARP	ARP	ARP	ARP
MW-47	A	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	A	723.09	9/18/2020	ND	33.44	0.00	689.65
MW-48	A	723.09	9/28/2020	ND	33.38	0.00	689.71
MW-48	A	723.09	10/3/2020	ND	33.57	0.00	689.52
MW-48	A	723.09	10/19/2020	ND	33.63	0.00	689.46
MW-48	A	723.09	10/26/2020	ND	33.65	0.00	689.44
MW-48	A	723.09	11/9/2020	ND	33.58	0.00	689.51
MW-48	A	723.09	11/18/2020	ND	33.64	0.00	689.45
MW-48	A	723.09	11/23/2020	ND	33.56	0.00	689.53
MW-48	A	723.09	12/7/2020	33.30	33.70	0.40	689.68
MW-48	A	723.09	12/21/2020	ARP	ARP	ARP	ARP
MW-48	A	723.09	12/26/2020	33.79	34.51	0.72	689.10
MW-48	A	723.09	1/10/2021	ARP	ARP	ARP	ARP
MW-48	A	723.09	1/19/2021	ARP	ARP	ARP	ARP
MW-48	A	723.09	1/25/2021	ARP	ARP	ARP	ARP
MW-48	A	723.09	2/1/2021	32.85	38.05	5.20	688.85
MW-48	A	723.09	2/8/2021	ARP	ARP	ARP	ARP
MW-48	A	723.09	2/16/2021	ARP	ARP	ARP	ARP
MW-48	A	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	C	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	C	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	A	745.50	10/3/2020	ND	55.30	0.00	690.20
MW-55	A	745.50	10/19/2020	ND	53.23	0.00	692.27
MW-55	A	745.50	10/26/2020	ND	53.20	0.00	692.30
MW-55	A	745.50	11/9/2020	ND	53.28	0.00	692.22
MW-55	A	745.50	11/18/2020	ND	53.63	0.00	691.87
MW-55	A	745.50	11/23/2020	ND	53.29	0.00	692.21
MW-55	A	745.50	12/7/2020	ARP	ARP	ARP	ARP
MW-55	A	745.50	12/21/2020	ARP	ARP	ARP	ARP
MW-55	A	745.50	12/26/2020	51.17	53.54	2.37	693.70
MW-55	A	745.50	1/10/2021	ARP	ARP	ARP	ARP
MW-55	A	745.50	1/19/2021	ARP	ARP	ARP	ARP
MW-55	A	745.50	1/25/2021	ARP	ARP	ARP	ARP
MW-55	A	745.50	2/1/2021	51.41	54.29	2.88	693.32
MW-55	A	745.50	2/8/2021	ARP	ARP	ARP	ARP
MW-55	A	745.50	2/16/2021	ARP	ARP	ARP	ARP
MW-55	A	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	D	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	A	746.57	11/9/2020	ND	52.13	0.00	694.44
MW-61	A	746.57	11/18/2020	NM	NM	NM	NM
MW-61	A	746.57	11/23/2020	ND	54.01	0.00	692.56
MW-61	A	746.57	12/7/2020	ND	54.29	0.00	692.28
MW-61	A	746.57	12/21/2020	ARP	ARP	ARP	ARP
MW-61	A	746.57	12/26/2020	54.43	54.96	0.53	692.00
MW-61	A	746.57	1/10/2021	ARP	ARP	ARP	ARP
MW-61	A	746.57	1/19/2021	ARP	ARP	ARP	ARP
MW-61	A	746.57	1/25/2021	ARP	ARP	ARP	ARP
MW-61	A	746.57	2/1/2021	54.76	55.03	0.27	691.73
MW-61	A	746.57	2/8/2021	ARP	ARP	ARP	ARP
MW-61	A	746.57	2/16/2021	ARP	ARP	ARP	ARP
MW-61	A	746.57	2/22/2021	ARP	ARP	ARP	ARP
MW-61	A	746.57	3/4/2021	54.61	55.37	0.76	691.76
MW-61	A	746.57	3/8/2021	ARP	ARP	ARP	ARP
MW-61	A	746.57	3/15/2021	ARP	ARP	ARP	ARP
MW-61	A	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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-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-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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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-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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	C	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-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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	C	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-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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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-71	D	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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-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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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-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-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-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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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-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-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-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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	A	723.10	3/4/2021	ND	30.33	0.00	692.77
MW-81	A	723.10	3/8/2021	ND	30.34	0.00	692.76
MW-81	A	723.10	3/15/2021	ND	30.19	0.00	692.91
MW-81	A	723.10	3/22/2021	ND	30.09	0.00	693.01
MW-81	A	723.10	4/1/2021	ND	29.99	0.00	693.11
MW-81	A	723.10	4/12/2021	ND	29.79	0.00	693.31
MW-81	A	723.10	4/19/2021	ND	29.66	0.00	693.44
MW-81	A	723.10	4/29/2021	ND	29.50	0.00	693.60
MW-81	A	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-82	A	724.48	3/4/2021	ND	32.38	0.00	692.10
MW-82	A	724.48	3/8/2021	ND	32.39	0.00	692.09
MW-82	A	724.48	3/15/2021	ND	32.25	0.00	692.23
MW-82	A	724.48	3/22/2021	ND	32.04	0.00	692.44
MW-82	A	724.48	4/1/2021	ND	31.86	0.00	692.62
MW-82	A	724.48	4/12/2021	ND	32.54	0.00	691.94
MW-82	A	724.48	4/19/2021	ND	31.35	0.00	693.13
MW-82	A	724.48	4/29/2021	ND	31.24	0.00	693.24
MW-82	A	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-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-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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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	A	727.75	3/11/2021	31.56	37.17	5.61	694.69
MW-85	A	727.75	3/15/2021	31.38	37.60	6.22	694.70
MW-85	A	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-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-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-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-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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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)
Deep 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-14D	A	722.75	3/4/2021	ND	28.64	0.00	694.11
MW-14D	A	722.75	3/8/2021	ND	28.36	0.00	694.39
MW-14D	A	722.75	3/15/2021	ND	28.25	0.00	694.50
MW-14D	A	722.75	3/22/2021	ND	28.23	0.00	694.52
MW-14D	A	724.93	4/1/2021	ND	25.30	0.00	699.63
MW-14D	A	724.93	4/12/2021	ND	29.77	0.00	695.16
MW-14D	A	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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-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	D	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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-59D	D	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	C	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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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-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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Qualifier	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-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-79D	A	720.52	3/4/2021	ND	85.61	0.00	634.91
MW-79D	A	720.52	3/8/2021	ND	42.71	0.00	677.81
MW-79D	A	720.52	3/15/2021	ND	44.79	0.00	675.73
MW-79D	A	720.52	3/22/2021	ND	44.53	0.00	675.99
MW-79D	A	721.56	4/1/2021	ND	40.69	0.00	680.87
MW-79D	A	721.56	4/12/2021	ND	41.05	0.00	680.51
MW-79D	A	721.56	4/19/2021	ND	41.85	0.00	679.71
MW-79D	A	721.56	4/29/2021	ND	41.85	0.00	679.71
MW-79D	A	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

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)

A = Top Of Casing resurveyed

B = Initial well reinstalled

C = Flagged as an anomalously low measurement

D = Flagged as an anomalously high measurement

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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	A	733.43	9/1/2020	28.60	36.95	8.35	702.59
RW-01	A	733.43	9/3/2020	30.60	35.95	5.35	701.39
RW-01	A	733.43	9/5/2020	29.11	37.05	7.94	702.19
RW-01	A	733.43	9/8/2020	29.40	36.95	7.55	702.00
RW-01	A	733.43	9/9/2020	29.50	37.10	7.60	701.89
RW-01	A	733.43	9/12/2020	30.00	36.95	6.95	701.57
RW-01	A	733.43	9/14/2020	30.00	37.20	7.20	701.50
RW-01	A	733.43	9/18/2020	30.80	37.00	6.20	700.97
RW-01	A	733.43	9/28/2020	31.15	37.00	5.85	700.71
RW-01	A	733.43	10/2/2020	31.30	37.15	5.85	700.56
RW-01	A	733.43	10/7/2020	31.65	37.20	5.55	700.29
RW-01	A	733.43	10/19/2020	32.12	37.00	4.88	700.00
RW-01	A	733.43	11/9/2020	33.10	37.13	4.03	699.25
RW-01	A	733.43	11/23/2020	33.45	37.18	3.73	698.98
RW-01	A	733.43	12/26/2020	32.81	32.82	0.01	700.61
RW-01	A	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-02	A	731.66	9/1/2020	27.30	39.60	12.30	701.07
RW-02	A	731.66	9/5/2020	27.66	39.67	12.01	700.79
RW-02	A	731.66	9/8/2020	27.90	39.65	11.75	700.62
RW-02	A	731.66	9/9/2020	28.65	39.65	11.00	700.07
RW-02	A	731.66	9/12/2020	28.43	38.95	10.52	700.41
RW-02	A	731.66	9/14/2020	28.43	39.70	11.27	700.21
RW-02	A	731.66	9/18/2020	29.10	38.60	9.50	700.02
RW-02	A	731.66	9/28/2020	29.52	39.42	9.90	699.49
RW-02	A	731.66	10/2/2020	29.70	39.70	10.00	699.28
RW-02	A	731.66	10/7/2020	30.04	39.68	9.64	699.04
RW-02	A	731.66	10/19/2020	30.45	39.65	9.20	698.75
RW-02	A	731.66	11/9/2020	31.38	39.65	8.27	698.07
RW-02	A	731.66	11/23/2020	ND	31.80	0.00	699.86
RW-02	A C	731.66	12/26/2020	ND	37.81	0.00	693.85
RW-02	A	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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-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	C	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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-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	B	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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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	B	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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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	A	732.39	9/1/2020	29.95	39.55	9.60	699.87
RW-09	A	732.39	9/3/2020	37.55	37.85	0.30	694.76
RW-09	A	732.39	9/5/2020	29.88	41.42	11.54	699.42
RW-09	A	732.39	9/8/2020	30.50	38.05	7.55	699.87
RW-09	A	732.39	9/9/2020	30.20	40.10	9.90	699.54
RW-09	A	732.39	9/12/2020	31.07	39.46	8.39	699.07
RW-09	A	732.39	9/14/2020	30.15	37.85	7.70	700.18
RW-09	A	732.39	9/18/2020	31.30	37.50	6.20	699.43
RW-09	A	732.39	9/28/2020	37.70	38.53	0.83	694.46
RW-09	A	732.39	10/2/2020	30.10	42.80	12.70	698.89
RW-09	A	732.39	10/7/2020	31.10	40.20	9.10	698.85
RW-09	A	732.39	10/19/2020	31.13	42.88	11.75	698.11
RW-09	A	732.39	11/9/2020	32.05	42.90	10.85	697.43
RW-09	A	732.39	11/23/2020	32.31	42.93	10.62	697.24
RW-09	A	732.39	12/26/2020	31.02	39.58	8.56	699.08
RW-09	A	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-10	A	734.38	9/1/2020	19.95	33.10	13.15	710.91
RW-10	A	734.38	9/3/2020	25.85	33.40	7.55	706.51
RW-10	A	734.38	9/5/2020	29.20	33.60	4.40	704.00
RW-10	A	734.38	9/8/2020	29.60	34.00	4.40	703.60
RW-10	A	734.38	9/9/2020	29.85	34.53	4.68	703.28
RW-10	A	734.38	9/12/2020	30.50	33.50	3.00	703.08
RW-10	A	734.38	9/14/2020	30.20	33.40	3.20	703.32
RW-10	A	734.38	9/18/2020	31.60	33.40	1.80	702.30
RW-10	A	734.38	9/28/2020	31.45	33.00	1.55	702.51
RW-10	A	734.38	10/2/2020	31.73	33.43	1.70	702.19
RW-10	A	734.38	10/7/2020	32.10	33.40	1.30	701.93
RW-10	A	734.38	10/19/2020	32.72	33.31	0.59	701.50
RW-10	A	734.38	10/21/2020	32.72	33.31	0.59	701.50
RW-10	A	734.38	11/9/2020	ND	33.20	0.00	701.18
RW-10	A	734.38	11/23/2020	33.21	33.60	0.39	701.06
RW-10	A	734.38	12/26/2020	ND	30.56	0.00	703.82
RW-10	A	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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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	C	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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-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-18	A	737.66	9/8/2020	36.15	40.20	4.05	700.42
RW-18	A	737.66	9/9/2020	36.40	41.35	4.95	699.93
RW-18	A	737.66	9/12/2020	36.50	40.00	3.50	700.22
RW-18	A	737.66	9/14/2020	34.95	42.00	7.05	700.82
RW-18	A	737.66	9/18/2020	36.55	42.00	5.45	699.65
RW-18	A	737.66	9/28/2020	35.42	45.45	10.03	699.55
RW-18	A	737.66	10/2/2020	35.20	47.65	12.45	699.12
RW-18	A	737.66	10/7/2020	35.70	47.48	11.78	698.80
RW-18	A	737.66	10/19/2020	36.54	47.75	11.21	698.12
RW-18	A	737.66	11/9/2020	37.73	47.71	9.98	697.26
RW-18	A	737.66	11/23/2020	37.86	47.57	9.71	697.20
RW-18	A	737.66	12/26/2020	36.91	45.38	8.47	698.48
RW-18	A	737.66	2/1/2021	38.19	43.31	5.12	698.10
RW-18	A	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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-22	A	726.60	9/10/2020	25.62	39.00	13.38	697.40
RW-22	A	726.60	9/12/2020	26.70	31.62	4.92	698.58
RW-22	A	726.60	9/14/2020	25.55	30.85	5.30	699.63
RW-22	A	726.60	9/18/2020	26.10	32.10	6.00	698.89
RW-22	A	726.60	9/28/2020	26.20	30.75	4.55	699.18
RW-22	A	726.60	10/2/2020	25.55	33.00	7.45	699.06
RW-22	A	726.60	10/5/2020	25.53	34.50	8.97	698.67
RW-22	A	726.60	10/19/2020	25.93	37.32	11.39	697.62
RW-22	A	726.60	11/9/2020	26.89	36.99	10.10	697.01
RW-22	A	726.60	11/23/2020	27.29	36.70	9.41	696.79
RW-22	A	726.60	12/26/2020	26.43	27.75	1.32	699.82
RW-22	A	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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-24	A	734.33	9/11/2020	35.83	35.85	0.02	698.49
RW-24	A	734.33	9/12/2020	ND	36.00	0.00	698.33
RW-24	A	734.33	9/14/2020	35.75	36.25	0.50	698.44
RW-24	A	734.33	9/18/2020	ND	36.10	0.00	698.23
RW-24	A	734.33	9/28/2020	33.80	33.91	0.11	700.50
RW-24	A	734.33	10/2/2020	33.15	35.20	2.05	700.63
RW-24	A	734.33	10/5/2020	33.84	34.10	0.26	700.42
RW-24	A	734.33	10/19/2020	32.84	37.15	4.31	700.33
RW-24	A	734.33	11/9/2020	32.83	39.30	6.47	699.76
RW-24	A	734.33	11/23/2020	34.61	35.53	0.92	699.47
RW-24	A	734.33	12/26/2020	34.85	36.16	1.31	699.13
RW-24	A	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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-26	A	729.28	9/11/2020	29.80	30.35	0.55	699.34
RW-26	A	729.28	9/12/2020	29.85	30.42	0.57	699.28
RW-26	A	729.28	9/14/2020	29.79	30.41	0.62	699.33
RW-26	A	729.28	9/18/2020	30.31	32.20	1.89	698.47
RW-26	A	729.28	9/28/2020	27.60	29.25	1.65	701.24
RW-26	A	729.28	10/2/2020	27.17	28.35	1.18	701.80
RW-26	A	729.28	10/5/2020	27.01	29.15	2.14	701.70
RW-26	A	729.28	10/19/2020	26.39	29.02	2.63	702.19
RW-26	A	729.28	11/9/2020	26.82	29.60	2.78	701.72
RW-26	A	729.28	11/23/2020	27.20	29.49	2.29	701.47
RW-26	A	729.28	12/26/2020	27.62	28.53	0.91	701.42
RW-26	A	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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-28	A	733.88	9/11/2020	38.13	39.31	1.18	695.43
RW-28	A	733.88	9/12/2020	ND	37.12	0.00	696.76
RW-28	A	733.88	9/13/2020	35.84	45.27	9.43	695.51
RW-28	A	733.88	9/14/2020	34.45	48.33	13.88	695.71
RW-28	A	733.88	9/18/2020	35.70	36.25	0.55	698.03
RW-28	A	733.88	9/28/2020	33.95	35.85	1.90	699.42
RW-28	A	733.88	10/2/2020	34.05	35.47	1.42	699.45
RW-28	A	733.88	10/5/2020	34.15	35.50	1.35	699.36
RW-28	A	733.88	10/19/2020	31.30	42.74	11.44	699.51
RW-28	A	733.88	11/9/2020	32.60	40.70	8.10	699.11
RW-28	A	733.88	11/23/2020	33.00	40.10	7.10	698.98
RW-28	A	733.88	12/26/2020	38.17	45.08	6.91	693.86
RW-28	A	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-29	A	721.84	9/13/2020	26.80	45.11	18.31	690.14
RW-29	A	721.84	9/14/2020	28.36	38.80	10.44	690.69
RW-29	A	721.84	9/18/2020	29.00	43.00	14.00	689.09
RW-29	A	721.84	9/28/2020	26.95	35.85	8.90	692.51
RW-29	A	721.84	10/2/2020	27.10	47.00	19.90	689.42
RW-29	A	721.84	10/6/2020	27.32	45.90	18.58	689.55
RW-29	A	721.84	10/19/2020	27.68	47.65	19.97	688.82
RW-29	A	721.84	11/9/2020	28.35	47.89	19.54	688.26
RW-29	A	721.84	11/23/2020	28.65	48.30	19.65	687.93
RW-29	A	721.84	12/26/2020	27.56	44.11	16.55	689.85
RW-29	A	721.84	2/1/2021	Dry	Dry	Dry	Dry
RW-29	A	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-30	A	719.60	9/14/2020	23.60	26.95	3.35	695.10
RW-30	A	719.60	9/28/2020	22.33	37.10	14.77	693.32
RW-30	A	719.60	10/2/2020	24.30	31.40	7.10	693.40
RW-30	A	719.60	10/6/2020	24.92	33.15	8.23	692.48
RW-30	A	719.60	10/19/2020	22.26	41.10	18.84	692.30
RW-30	A	719.60	11/9/2020	22.74	41.49	18.75	691.84
RW-30	A	719.60	11/23/2020	23.15	41.50	18.35	691.54
RW-30	A	719.60	12/26/2020	21.67	39.21	17.54	693.24
RW-30	A	719.60	2/1/2021	22.84	35.00	12.16	693.51
RW-30	A	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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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	A	716.23	9/14/2020	27.38	28.66	1.28	688.51
RW-31	A	716.23	9/28/2020	23.25	43.45	20.20	687.57
RW-31	A	716.23	10/2/2020	26.30	35.40	9.10	687.49
RW-31	A	716.23	10/6/2020	24.99	36.40	11.41	688.18
RW-31	A	716.23	10/19/2020	22.55	46.14	23.59	687.37
RW-31	A	716.23	11/9/2020	22.74	48.18	25.44	686.68
RW-31	A	716.23	11/23/2020	22.91	NW	>25.16	N/A
RW-31	A	716.23	12/26/2020	21.08	46.13	25.05	688.44
RW-31	A	716.23	2/1/2021	22.42	46.16	23.74	687.46
RW-31	A	716.23	3/4/2021	22.31	NW	>23.69	N/A
RW-31	C	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-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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-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-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-36	A	743.69	10/2/2020	45.00	58.63	13.63	695.04
RW-36	A	743.69	10/7/2020	45.22	56.81	11.59	695.37
RW-36	A	743.69	10/19/2020	45.39	59.40	14.01	694.55
RW-36	A	743.69	11/9/2020	45.84	58.68	12.84	694.42
RW-36	A	743.69	11/23/2020	46.10	59.50	13.40	694.01
RW-36	A	743.69	12/26/2020	44.45	56.67	12.22	695.97
RW-36	A	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-37	A	744.77	10/8/2020	51.74	53.64	1.90	692.52
RW-37	A	744.77	10/19/2020	52.15	52.87	0.72	692.43
RW-37	A	744.77	11/9/2020	51.95	53.65	1.70	692.37
RW-37	A	744.77	11/23/2020	52.16	53.30	1.14	692.31
RW-37	A	744.77	12/26/2020	49.85	52.54	2.69	694.20
RW-37	A	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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-38	A	739.72	10/2/2020	38.70	49.00	10.30	698.27
RW-38	A	739.72	10/7/2020	39.38	45.53	6.15	698.70
RW-38	A	739.72	10/19/2020	38.15	49.55	11.40	698.52
RW-38	A	739.72	11/9/2020	39.17	49.60	10.43	697.76
RW-38	A	739.72	11/23/2020	39.71	NW	>9.97	N/A
RW-38	A	739.72	12/26/2020	38.12	47.70	9.58	699.04
RW-38	A	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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-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-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-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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-46	A	716.92	11/23/2020	23.02	NW	>20.99	N/A
RW-46	A	716.92	12/26/2020	24.10	43.70	19.60	687.58
RW-46	A	716.92	1/25/2021	Dry	Dry	Dry	Dry
RW-46	A	716.92	2/1/2021	26.60	43.43	16.83	685.82
RW-46	A	716.92	2/8/2021	ARP	ARP	ARP	ARP
RW-46	A	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-47	A	726.60	12/26/2020	27.60	40.80	13.20	695.47
RW-47	A	726.60	2/1/2021	29.94	35.94	6.00	695.05
RW-47	A	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-48	B	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-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-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-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-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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-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-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-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-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-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-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-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-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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-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		

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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	2/2/2021	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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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	52.81	52.82	0.01	691.68
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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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	B	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-12	B	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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-13	A	741.53	1/25/2021	ND	46.81	0.00	694.72
HCW-13	A	741.53	2/1/2021	46.33	48.32	1.99	694.67
HCW-13	A	741.53	2/8/2021	ARP	ARP	ARP	ARP
HCW-13	A	741.53	2/16/2021	44.21	51.43	7.22	695.39
HCW-13	A	741.53	2/22/2021	44.31	51.43	7.12	695.31
HCW-13	A	741.53	3/4/2021	44.51	51.52	7.01	695.14
HCW-13	A	741.53	3/8/2021	44.74	51.56	6.82	694.96
HCW-13	A	741.53	3/15/2021	44.98	51.48	6.50	694.81
HCW-13	A	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-14	A	738.67	1/25/2021	ND	43.07	0.00	695.60
HCW-14	A	738.67	2/1/2021	ND	43.83	0.00	694.84
HCW-14	A	738.67	2/8/2021	44.25	44.44	0.19	694.37
HCW-14	A	738.67	2/16/2021	41.56	46.24	4.68	695.86
HCW-14	A	738.67	2/22/2021	41.29	NW	>8.71	N/A
HCW-14	A	738.67	3/4/2021	41.35	50.00	8.65	695.01
HCW-14	A	738.67	3/8/2021	41.68	NW	>8.32	N/A
HCW-14	A	738.67	3/15/2021	41.89	NW	>8.11	N/A
HCW-14	A	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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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	A	736.71	1/25/2021	ND	40.88	0.00	695.83
HCW-15	A	736.71	2/1/2021	ND	41.62	0.00	695.09
HCW-15	A	736.71	2/8/2021	42.15	42.25	0.10	694.53
HCW-15	A	736.71	2/16/2021	39.13	51.43	12.30	694.28
HCW-15	A	736.71	2/22/2021	39.27	46.04	6.77	695.62
HCW-15	A	736.71	3/4/2021	39.21	46.10	6.89	695.65
HCW-15	A	736.71	3/8/2021	39.65	46.22	6.57	695.30
HCW-15	A	736.71	3/15/2021	39.95	46.11	6.16	695.11
HCW-15	A	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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-18	C	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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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	B	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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-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-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
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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-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-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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-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-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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-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-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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-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-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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Qualifier	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-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

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)

A= Well resurveyed

B= Flagged as an anomalously low measurement

C= Flagged as an anomalously high measurement

Table 5
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	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	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	70	600	70	5	20	6	70	0.7	600	400	400	500	500	500	400	700	200	NE	
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Shallow 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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	0.35J	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92493062	MW-3 20200828	MW-03	08/28/2020	<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	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501860	MW-3 20201022	MW-03	10/22/2020	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	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92508536	MW-3 20201130	MW-03	11/30/2020	13.7	<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	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92514598	MW-3 20210104	MW-03	01/04/2021	18.5	<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	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92520901	MW-03 20210208	MW-03	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	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92526618	MW-03 20210309	MW-03	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	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92530256	MW-03 20210407	MW-03	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	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537489	MW-03 20210506	MW-03	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	0.49J	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
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	<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.										

Table 5
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	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	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	70	600	70	5	20	6	70	0.7	600	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92493708	MW-6_20200902	MW-06	09/02/2020	<25	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501616	MW-6_20201021	MW-06	10/21/2020	33.8	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92508536	MW-06_20201130	MW-06	11/30/2020	23.3	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92514598	MW-6_20210104	MW-06	01/04/2021	19.1	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92520901	MW-6_20210208	MW-06	02/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92527327	MW-06_20210311	MW-06	03/11/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92532417	MW-06_20210408	MW-06	04/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	0.76	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92532417	DUP-1-20210408	MW-06	04/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	0.78	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537489	MW-06_20210506	MW-06	05/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	1.0	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	4.0	<0.5	<2	<0.5	<2	0.66	<0.5	24.3	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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
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	<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	<2	<0.5	<2	<0.5	<0.5	0.56	<0.5	<0.5	<1.5	<1	<0.5	<				

Table 5
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	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	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	70	600	70	5	20	6	70	0.7	600	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537784	MW-09_20210507	MW-09	05/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<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	<2	<0.5	<2	<0.5	1.9	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501344	MW-11_20201020	MW-11	10/20/2020	17.8	1,740	<20	<20	<40	<20	<40	<20	<20	172	286	<20	99.8	29.5	<80	<20	<20	4,370	265	<20	1,755	1,110	645	16,700	4,580	1,370	5,950
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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	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	<2	<0.5	<2	<0.5	2.8	0.53	<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	<2	<0.5	<2	<0.5	1.2	0.97	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92509251	MW-13_20201202	MW-13	1																											

Table 5
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	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	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	70	600	70	5	20	6	70	0.7	600	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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	0.83	<0.5	<2	<0.5	<2	<0.5	<0.5	3.1	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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<50	<50	<50	<50	
92495905	MW-17_20200916	MW-17	09/16/2020	<5	0.6	1.4	<0.5	<1	16.2	<1	<0.5	<0.5	<0.5	1.4	<0.5	<2	<0.5	<2	<0.5	2.7	5.4	3.7	1.3	10.5	7.2	3.3	<100	<100	<100	109
92501343	MW-17_20201020	MW-17	10/20/2020	<5	<0.5	<0.5	<0.5	<1	8.9	<1	<0.5	<0.5	<0.5	0.82	<0.5	<2	<0.5	<2	<0.5	1.2	2.1	2	0.71	5.4	3.6	1.8	<100	<100	<100	152
92508884	MW-17_20201201	MW-17	12/01/2020	9.5	<0.5	<0.5	<0.5	<1	4.7	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	0.61	0.80	1.1	<0.5	2.57	1.8	0.77	<100	<100	<100	<100	
92515075	MW-17_20210106	MW-17	01/06/2021	9.5	<0.5	<0.5	<0.5	<1	4	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92521555	MW-17_20210210	MW-17	02/10/2021	<5	0.73	<0.5	<0.5	<1	7.1	<1	<0.5	<0.5	<0.5	1.1	<0.5	<2	<0.5	<2	<0.5	1.4	6.2	2	0.51	6.3	4.3	2	<100	<100	<100	<100
92526257	MW-17_20210308	MW-17	03/08/2021	<5	<0.5	<0.5	<0.5	<1	5.3	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	0.77	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92531853	MW-17_20210407	MW-17	04/07/2021	<5	<0.5	<0.5	<0.5	<1	2.7	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	0.53	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537153	MW-17_20210505	MW-17	05/05/2021	<5	<0.5	<0.5	<0.5	<1	2.7	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	0.52	<0.5	<0.5	<0.5	<1	<1	<0.5	<50	<50	<50	<50	
92494640	MW-18_20200909	MW-18	09/09/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501960	MW-18_20201023	MW-18	10/23/2020	7.8	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	5	<0.5	<0.5	<2	1.4	<2	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501960	DUP-3-20201023	MW-18	10/23/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	2.1	<0.5	<0.5	<2	0.54	<2	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92508881	MW-18_20201201	MW-18	12/01/2020	38.6	65.9	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	17.1	9.0	<0.5	<2	4.9	<2	<0.5	<0.5	160	2.5	<0.5	44.6	26.4	18.2	987	155	<100	1,180

Table 5
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	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	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	70	600	70	5	20	6	70	0.7	600	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	<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	<2	<0.5	<2	<0.5	2.6	1.9	<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	1.3	<0.5	<0.5	<2	<0.5	<2	<0.5	1.1	<0.5	<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	1.2	<0.5	<0.5	<2	<0.5	<2	<0.5	1.4	<0.5	<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	34.2	1.2	<0.5	<2	10.5	<2	<0.5	0.93	34	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	83	23.9	<2.5	<10	28	33.2	<2.5	<2.5	518	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	227	151	<10	<40	65.7	155	<10	<10	2,440	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	445	367	<25	<100	120	<100	<25	<25	7,000	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	346	358	<25	<100	99.9	88.3J	<25	<25	6,300	256	<25	3,060	1,970	1,090	56,000	8,520	<1000	64,500
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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92495905	MW-21_20200916	MW-21	09/16/2020	<5	<0.5	<0.5	<0.5	<1	8	<1	<0.5	<0.5	1.2	<0.5	<0.5	<2	<0.5	<2	<0.5	1.3	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92501343	MW-21_20201020	MW-21	10/20/2020	8.1	38	<0.5	<0.5	<1	5.8	<1	<0.5	<0.5	12.2	2.2	<0.5	<2	4.8	<2	<0.5	0.93	44.9	2.3	<0.5	21.9	14.2	7.7	187	<100	<100	251
92508884	MW-21_20201201	MW-21	12/01/2020	53.7	124	<0.5	<0.5	<1	4.5	<1	<0.5	<0.5	31.1	3.6	<0.5	<2	12.2	<2	<0.5	0.82	46.8	7.7	<0.5	66.9	42.7	24.2	466	121	<100	630
92515075	MW-21_20210106	MW-21	01/06/2021	<5	726	<2.5	<2.5	<5	<2.5	<5	<2.5	<2.5	108	8	<2.5	<10	50	<10	<2.5	<2.5	96.1	28.9	<2.5	196.5	128	68.5	2,210	456	122	2,790
92521555	MW-21_20210210	MW-21	02/10/2021	<5	1,030	<5	<5	<10	<5	<10	<5	<5	130	18.7	<5	<20	68.7	23.3	<5	<5	524	65.4	<5	512	330	182	4,710	991	269	5,970
92526257	MW-21_20210308	MW-21	03/08/2021	<5	1,470	<5	<5	<10	<5	<10	<5	<5	192	20.7	<5	<20	92.3	20.9	<5	<5	156	47.7	<5	298.4	207	91.4	4,420	480	236	5,140
92531585	M																													

Table 5
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	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	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	70	600	70	5	20	6	70	0.7	600	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92494640	MW-26_20200909	MW-26	09/09/2020	<5	7.7	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	1.3	1.8	<0.5	<2	<0.5	<2	<0.5	<0.5	22.6	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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.50								

Table 5
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	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	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	70	600	70	5	20	6	70	0.7	600	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
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	<2	<0.5	<2	<0.5	<0.5	3.1	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	<2	<0.5	<2	<0.5	<0.5	0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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																						

Table 5
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	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	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	70	600	70	5	20	6	70	0.7	600	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92494640	MW-34_20200909	MW-34	09/09/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501860	MW-34_20201022	MW-34	10/22/2020	5.7	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92508536	MW-34_20201130	MW-34	11/30/2020	6.0	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92514598	MW-34_20210104	MW-34	01/04/2021	10.9	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92520901	MW-34_20210208	MW-34	02/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92526618	MW-34_20210309	MW-34	03/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92530256	MW-34_20210407	MW-34	04/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537159	MW-34_20210505	MW-34	05/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<50	<50	<50	<50	
92494864	MW-35_20200910	MW-35	09/10/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501616	MW-35_20201021	MW-35	10/21/2020	9.1	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92508536	MW-35_20201130	MW-35	11/30/2020	12.2	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92514598	MW-35_20210104	MW-35	01/04/2021	13.8	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92520901	MW-35_20210208	MW-35	02/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92526618	MW-35_20210309	MW-35	03/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92531581	MW-35_20210406	MW-35	04/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537489	MW-35_20210506	MW-35	05/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92494864	MW-36_20200910	MW-36	09/10/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501616	MW-36_20201021	MW-36	10/21/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92508536	MW-36_20201130	MW-36	11/30/2020	18.4	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92514598	MW-36_20210104	MW-36	01/04/2021	6.9	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92521555	MW-36_20210210	MW-36	02/10/2021	<5	3.1	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	1.9	<0.5	<2	<0.5	<2	<0.5	<0.5	12.7	3.7	1	10	6.9	3.1	<100	<100	<100	149
92526977	MW-36_20210310	MW-36	03/10/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92530256	MW-36_20210407	MW-36	04/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537489	MW-36_20210506	MW-36	05/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92494864	MW-37_202																													

Table 5
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	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	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	70	600	70	5	20	6	70	0.7	600	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92495906	MW-39_20200916	MW-39	09/16/2020	<5	966	<5	<5	<10	13.9	<10	<5	<5	83.3	124	<5	<20	10.8	<20	<5	<5	1,980	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	3.2	<0.5	<0.5	<2	1.3	<2	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<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	27.7	37.7	<2.5	<10	3.2	<10	<2.5	<2.5	829	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	146	252	<12.5	<50	20	78.4	<12.5	<12.5	4,460	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	0.72	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<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	2.3	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92509560	MW-41_20201203	MW-41	12/03/2020	13.6	5.3	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	1.6	0.68	<0.5	<2	<0.5	<2	<0.5	<0.5	8.5	<0.5	<0.5	4.7	3.0	1.7	<100	<100	<100	<100
92514898	MW-41_20210105	MW-41	01/05/2021	70.9	<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	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92521555	MW-41_20210210	MW-41	02/10/2021	<5	16.1	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	5.4	<0.5	<0.5	<2	1.4	<2	<0.5	<0.5	0.81	1	<0.5	11.7	7.2	4.5	119	<100	<100	175
92527327	MW-41_20210311	MW-41	03/11/2021	<5	64.3	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	12.6	<0.5	<0.5	<2	3.1	<2	<0.5	<0.5	4.4	3.1	<0.5	32.8	16.1	16.7	343	66.3	<50	62.7
92532417	MW-41_20210408	MW-41	04/08/2021	<5	7.2	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	3.4	<0.5	<0.5	<2	0.76	<2	<0.5	<0.5	<0.5	<0.5	<0.5	2.5	1.1	1.4	<50	<50	<50	<50
92537784	MW-41_20210507	MW-41	05/07/2021	4.6J	0.87	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	0.71	<0.5	<0.5	<2	<0.5	0.81J	<0.5	<0.5	<0.5	<0.5	<0.5	0.44J	<1	0.44J	<50	<50	<50	<50
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	2.4	<0.5	<2	<0.5	<2	<0.5	<0.5	10.8	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	0.75	<0.5	<2	<0.5	<2	<0.5	<0.5	1.8	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	<2	<0.5	<2	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<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	1.6	<0.5	<2	<0.5	4.4	<0.5	<0.5	3.3	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	<2	<0.5	<2	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<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	<2	<0.5	0.88J	<0.5	<0.5	<0.5	<0.5	<0.5	1.13J	0.74J	0.39J	<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	<2	<0.5	<2	<0.5	<0.5	1.4	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	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92509250	MW-43_20201202																													

Table 5
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	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	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	70	600	70	5	20	6	70	0.7	600	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	3.1	<0.5	<2	<0.5	<2	<0.5	<0.5	27.8	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	0.88	<0.5	<2	<0.5	<2	<0.5	<0.5	6.2	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	<2	<0.5	<2	<0.5	<0.5	0.91	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	3.1	<0.5	<2	<0.5	<2	<0.5	<0.5	17.3	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	0.52	<0.5	<2	<0.5	<2	<0.5	<0.5	1.2	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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	0.7	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92495627	MW-47_20200915	MW-47	09/15/2020	6.3	<0.5	2	<0.5	<1	16.5	<1	<0.5	<0.5	<0.5	1.4	<0.5	<2	<0.5	<2	<0.5	<0.5	6.3	1.5	<0.5	7.6	5.2	2.4	<100	<100	<100	<100
92496397	MW-48_20200918	MW-48	09/18/2020	9.6	1.2	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92501860	MW-48_20201022	MW-48	10/22/2020	19.8	40.4	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	19	4.1	<0.5	<2	<0.5	<2	<0.5	<0.5	63.3	1.7	<0.5	19.9	12	7.9	1,270	<100	<100	1,300
92501860	DUP-2-20201022	MW-48	10/22/2020	27.4	37.1	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	17.2	3.6	<0.5	<2	5.8	<2	<0.5	<0.5	58.7	1.5	<0.5	17.6	10.7	6.9	1,030	<100	<100	1,060
92496817	MW-49_20200922	MW-49	09/22/2020	5.5	<0.5	1	<0.5	<1	11.7	<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	2.7	1.6	1.1	<100	<100	<100	<100
92499587	MW-49_20201007	MW-49	10/07/2020	<5	0.61	<0.5	<0.5	<1	2.2	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92501345	MW-49_20201020	MW-49	10/20/2020	34.4	<0.5	<0.5	<0.5	<1	1.6	<1	<0.5	<0.5	0.65	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5								

Table 5
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	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	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	70	600	70	5	20	6	70	0.7	600	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	0.84	<0.5	<2	<0.5	<2	<0.5	<0.5	6.9	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	0.71	<0.5	<2	<0.5	<2	<0.5	<0.5	4.2	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	0.72	<0.5	<2	<0.5	<2	<0.5	<0.5	4.8	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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
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	5.7	1	<0.5	<2	1.6	<2	<0.5	<0.5	19.9	<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	26.7	3.5	<0.5	<2	7.3	<2	<0.5	<0.5	80.2	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	33.3	4.6	<0.5	<2	8.8	<2	<0.5	<0.5	69.6	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	50.3	12.8	<1	<4	13.2	<4	<1	<1	233	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	29.8	<0.5	<0.5	<2	7.7	<2	<0.5	<0.5	2.9	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	55.8	1.9	0.55	<2	13.7	<2	<0.5	<0.5	36.8	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	20	<0.5	<0.5	<2	4.4	<2	<0.5	<0.5	3.5	<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	26.7	<0.5	0.43J	<2	3.5	0.88J	<0.5	<0.5	23.1	3.1	<0.5	52.6	20.4	32.2	1,090	133	<50	1,230
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	<2	<0.5	<2	<0.5	<0.5	0.72	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92521555	MW-53_20210210	MW-53	02/10/2021	<5	<</																									

Table 5
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	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	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	70	600	70	5	20	6	70	0.7	600	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92499057	MW-55_20201006	MW-55	10/06/2020	<5	99.7	0.92	<0.5	<1	6.9	<1	<0.5	<0.5	48	6	<0.5	<2	19.6	<2	<0.5	<0.5	154	1.8	<0.5	44.9	24.5	20.4	455	<100	<100	566
92499057	DUP-01-20201006	MW-55	10/06/2020	<5	102	0.91	<0.5	<1	6.8	<1	<0.5	<0.5	48.9	6.1	<0.5	<2	19.7	<2	<0.5	<0.5	157	1.9	<0.5	46.2	25.2	21	496	<100	<100	614
92501960	MW-55_20201023	MW-55	10/23/2020	<5	900	<12.5	<12.5	<25	<12.5	<25	<12.5	<12.5	144	457	26.5	<50	<12.5	85.7	<12.5	<12.5	3,590	626	<12.5	2,730	1,870	860	13,000	4,580	1,720	6,300
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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92500608	MW-58_20201007	MW-58	10/07/2020	<5	<0.5	2.8	<0.5	<1	15.6	<1	<0.5	0.61	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92501860	MW-58_20201022	MW-58	10/22/2020	<5	<0.5	1.8	<0.5	<1	9.5	<1	<0.5	0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92508881	MW-58_20201201	MW-58	12/01/2020	22.7	<0.5	0.76	<0.5	<1	3.8	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92514898	MW-58_20210105	MW-58	01/05/2021	<5	<0.5	<0.5	<0.5	<1	2.2	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5							

Table 5
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	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	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	70	600	70	5	20	6	70	0.7	600	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	<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	<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	<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	<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	<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	<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	<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	<0.5	<0.5	<1	<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	0.54	<0.5	<2	<0.5	<2	<0.5	<0.5	7.9	<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	<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	<0.5	<1	16.8	<1	<0.5	0.95	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92521851	MW-62_20210211	MW-62	02/11/2021	11.9	<0.5	2.6	<0.5	<1	9.8	<1	<0.5	0.85	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	125
92527474	MW-62_20210312	MW-62	03/12/2021	37.8	<0.5	2.1	<0.5	<1	8.7	<1	<0.5	0.57	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92531231	MW-62_20210405	MW-62	04/05/2021	26	<0.5	<0.5	<0.5	<1	2.3	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92536726	MW-62_20210504	MW-62	05/04/2021	7.9	<0.5	0.59	<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	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92515387	MW-66_20210107	MW-66	01/07/2021	107	<0.5	2.8	<0.5	<1	12	<1	<0.5	0.63	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92522125	MW-66_20210212	MW-66	02/12/2021	<5	<0.5	2.5	<0.5	<1	8.6	<1	<0.5	0.62	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	3	<0.5	<0.5	2.49	1.6	0.89	165	<100	<100	165
92526989	MW-66_20210310	MW-66	03/10/2021	5.9	<0.5	2.2	<0.5	<1	8.5	<1	<0.5	0.55	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92531227	MW-66_20210405	MW-66	04/05/2021	<5	<0.5	1.4	<0.5	<1	5.3	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92536738	MW-66_20210504	MW-66	05/04/2021	<5	<0.5	1.0	<0.5	<1	4.0	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<50	<50	<50	<50

Table 5
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	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	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	70	600	70	5	20	6	70	0.7	600	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	<2	<0.5	<2	<0.5	<0.5	106	<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	<2	<0.5	<2	<0.5	<0.5	8.2	<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	<2	<0.5	<2	<0.5	<0.5	4.8	<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	<2	<0.5	<2	<0.5	<0.5	4.1	<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	<2	<0.5	<2	<0.5	<0.5	3.1	<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	<2	<0.5	<2	<0.5	<0.5	0.75	<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	<2	<0.5	<2	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<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	0.64	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<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	1.0	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50		
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	<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	<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	<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	<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	<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	<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	<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	<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	3.5	3.3	<0.5	<2	<0.5	<2	<0.5	<0.5	54.2	1.1	<0.5	18.7	11.4	7.3	329	57.7	<50	387	
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	<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	1.9	<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	5.9	5.0	<0.5	<2	<0.5	<2	<0.5	<0.5	111	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	<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	<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	<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	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92522267	MW-74_ 20210215	MW-74	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	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92526262	MW-74_ 20210308	MW-74	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	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92531238	MW-74_ 20210405	MW-74	04/05/2021	7.7	<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	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50		
92536430	MW-74_ 20210503	MW-74	05/03/2021	6.6	<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	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50		

Table 5
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	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	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	70	600	70	5	20	6	70	0.7	600	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92537489	MW-88_20210506	MW-88	05/06/2021	<5	<0.5	0.48J	<0.5	<1	2.9	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537489	MW-89_20210506	MW-89	05/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
Deep 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	<2.0	<0.50	<2.0	<0.50	<0.50	66.9	<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	<2.0	<0.50	<2.0	<0.50	<0.50	60.2	<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	<2.0	<0.50	<2.0	<0.50	<0.50	146	<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	<4	<1	<4	<1	<1	184	<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	<2	<0.5	<2	<0.5	<0.5	0.66	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	0.51	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	1.2	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<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	1.2	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<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	0.88	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	131	<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	0.91	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	34.1	<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	0.97	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	3.8	<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	0.98	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	4	<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	0.69	1.5	<0.5	<2	<0.5	<2	<0.5	<0.5	19.9	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	1.2	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<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	0.57	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<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	1.2	<0.5	<0.5	<2	0.44J	<2	<0.5	<0.5	<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	<2.0	<0.50	<2.0	<0.50	<0.50	169	<0.50	<0.50	<1.5	<1.0	<0.50	280	<100	<100	318
92514955	DUP-2	MW-36D	01/05/2/																											

Table 5
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	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	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	70	600	70	5	20	6	70	0.7	600	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	<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	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92526977	MW-61D 20210310	MW-61D	03/10/2021	<5	<0.5	3.1	<0.5	<1	12.0	<1	<0.5	0.59	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92530256	MW-61D 20210407	MW-61D	04/07/2021	<5	<0.5	2.8	<0.5	<1	12.0	<1	<0.5	0.84	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537784	MW-61D 20210507	MW-61D	05/07/2021	<5	<0.5	2.8	<0.5	<1	12.7	<1	<0.5	0.67	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92515858	MW-62D (125-143)	MW-62D	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	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<100	<100	<100	<100	
92522265	MW-62D 20210215	MW-62D	02/15/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92526264	MW-62D 20210308	MW-62D	03/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92531580	MW-62D 20210406	MW-62D	04/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	0.52	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	2.6	1.0	1.6	<50	<50	<50	<50
92537466	MW-62D 20210506	MW-62D	05/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	0.39J	<0.5	<2	<0.5	<2	<0.5	<0.5	0.68	<0.5	<0.5	1.99	0.89J	1.1	<50	<50	<50	<50
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	<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	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	0.53	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	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	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<2	<0.5	<2	<0.5	<0.5	7.2	<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	<2	<0.5	<2	<0.5	<0.5	12	<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	<2	<0.5	<2	<0.5	<0.5	4.1	<0.5	<0.5	<1	<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	<8.0	<2.0	<8.0	<2.0	<2.0	<2.0	<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	<2.0	<0.50	<2.0	<0.50	<0.50	<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	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<100	<100	<100	115	

Table 5
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	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	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	70	600	70	5	20	6	70	0.7	600	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	<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	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92493864	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	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92494322	Trip Blank	N/A	09/03/2020	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	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92496397	Trip Blank	N/A	09/18/2020	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	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92494640	Trip Blank-03	N/A	09/09/2020	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	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92494923	Trip Blank-03	N/A	09/09/2020	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	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92494864	Trip Blank-04	N/A	09/10/2020	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	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92495100	Trip Blank-05	N/A	09/11/2020	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	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92495103	Trip Blank-05	N/A	09/11/2020	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	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92495239	Trip Blank-06	N/A	09/13/2020	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	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92495241	Trip Blank-06	N/A	09/13/2020	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	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92495244	Trip Blank-06	N/A	09/13/2020	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	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92495624	Trip Blank-07	N/A	09/15/2020	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	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92495626	Trip Blank-07	N/A	09/15/2020	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	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92495627	Trip Blank-07	N/A	09/15/2020	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	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92495907	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	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92495905	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	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA

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

Page 19 of 22

Table 5
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	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	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	70	600	70	5	20	6	70	0.7	600	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92509251	FB-1-20201202	N/A	12/02/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92509560	FB-1-20201203	N/A	12/03/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<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	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<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	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<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	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<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	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<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	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	

Table 5
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	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	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	70	600	70	5	20	6	70	0.7	600	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<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	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<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	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<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	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<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	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<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	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<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	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<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	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<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	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<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	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<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	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92526616	FB-1-20210309	N/A	03/09/2021	<5.0	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92526618	EB-1-20210309	N/A	03/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92526989	FB-1-20210310	N/A	03/10/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92526977	EB-1-20210310	N/A	03/10/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92527326	EB-1-20210311	N/A	03/11/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92527326	FB-1-20210311	N/A	03/11/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92527475	FB-1-20210312	N/A	03/12/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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																	

Table 5
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	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	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	70	600	70	5	20	6	70	0.7	600	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	3.2	<0.5	<2	<0.5	<0.5	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	2.8	<0.5	<2	<0.5	<0.5	<0.5	<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
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 6
Summary of Water Supply Well Sampling Results

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

Lab Report Number	Sample ID	Sample Date	Metals (µg/L)	VOCs (µg/L)		
			Lead	Bromodichloromethane	Chloroform	Methylene Chloride
		NCAC 2L	15	0.6	70	5
92525139	13712_HC_RD_20210302	03/02/2021	38.2	<0.50	<0.50	<2.0
92492043	13736_PE_Dr	08/22/2020	NA	NA	NA	NA
92492904	13800_H/C_Rd	08/27/2020	109	<0.50	<0.50	<2.0
92493896	13800_HC_RD	09/02/2020	169	<0.50	<0.50	<2.0
92495067	13800_HC_RD	09/10/2020	55.2	<0.50	<0.50	<2.0
92495939	13800_HC_RD_20200916	09/16/2020	67	<0.50	<0.50	<2.0
92497411	13800_HC_RD_20200924	09/24/2020	23	<0.50	<0.50	<2.0
92498538	13800_HC_RD	10/01/2020	6.5	<0.50	<0.50	<2.0
92499668	13800_HC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50	<2.0
92500721	13800_HC_RD_20201015	10/15/2020	<5.0	<0.50	<0.50	<2.0
92501794	13800_HC_RD_20201022	10/22/2020	<5.0	<0.50	<0.50	<2.0
92502945	13800_HC_RD_20201029	10/29/2020	<5.0	<0.50	<0.50	<2.0
92504298	13800_HC_RD_20201105	11/05/2020	<5.0	<0.50	<0.50	<2.0
92506033	13800_HC_RD	11/12/2020	5.4	<0.50	<0.50	<2.0
92507404	13800_HC_RD	11/19/2020	5.7	<0.50	<0.50	<2.0
92507391	FD-111820	11/19/2020	5.4	<0.50	<0.50	<2.0
92508024	13800_HC_RD_20201124	11/24/2020	<5.0	<0.50	<0.50	<2.0
92508707	13800_HC_RD_20201201	12/01/2020	7.8	<0.50	<0.50	<2.0
92510221	13800_HC_RD_20201208	12/08/2020	<5.0	<0.50	<0.50	<2.0
92512037	13800_HC_RD_20201215	12/15/2020	<5.0	<0.50	<0.50	<2.0
92513363	13800_HC_RD_20201222	12/22/2020	<5.0	<0.50	<0.50	<2.0
92513987	13800_HC_RD_20201229	12/29/2020	<5.0	<0.50	<0.50	<2.0
92514747	13800_HC_RD_20210105	01/05/2021	<5.0	<0.50	<0.50	<2.0
92516194	13800_HC_RD_2021112	01/12/2021	<5.0	<0.50	<0.50	<2.0
92517235	13800_HC_RD_2021119	01/19/2021	<5.0	<0.50	<0.50	<2.0
92518577	13800_HC_RD_2021126	01/26/2021	16.9	<0.50	<0.50	<2.0
92519756	13800_HC_RD_20210202	02/02/2021	<5.0	<0.50	<0.50	<2.0
92521088	13800_HC_RD_20210209	02/09/2021	5.1	<0.50	<0.50	<2.0
92522441	13800_HC_RD_20210216	02/16/2021	<5.0	<0.50	<0.50	<2.0
92523569	13800_HC_RD_20210223	02/23/2021	<5.0	<0.50	<0.50	<2.0
92525141	13800_HC_RD_20210302	03/02/2021	<5.0	<0.50	<0.50	<2.0
92526632	13800_HC_RD_20210309	03/09/2021	<5.0	<0.50	<0.50	<2.0
92527865	13800_HC_RD_20210316	03/16/2021	12.1	<0.50	<0.50	<2.0
92529142	13800_HC_RD_20210323	03/23/2021	<5	<0.5	<0.5	<2
92530276	13800_HC_RD_20210330	03/30/2021	<5	<0.5	<0.5	<2
92531396	13800_HC_RD_20210406	04/06/2021	<5.0	<0.50	<0.50	<2.0
92531397	DUP-1	04/06/2021	<5.0	<0.50	<0.50	<2.0
92532721	13800_HC_RD_20210413	04/13/2021	<5	<0.5	<0.5	<2

Table 6
Summary of Water Supply Well Sampling Results

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

Lab Report Number	Sample ID	Sample Date	Metals (µg/L)	VOCs (µg/L)		
			Lead	Bromodichloromethane	Chloroform	Methylene Chloride
		NCAC 2L	15	0.6	70	5
92534073	13800_HC_RD_20210420	04/20/2021	<5	<0.5	<0.5	<2
92535389	13800_HC_RD_20210427	04/27/2021	<5.0	<0.50	<0.50	<2.0
92536812	13800_HC_RD_20210504	05/04/2021	<5.0	<0.5	<0.50	<2
92538171	13800_HC_RD_20210511	05/11/2021	<5	<0.5	<0.5	<2
92491028	13822_HC_Rd	08/16/2020	53.0	<0.50	<0.50	<2.0
92492032	13822_HC_Rd	08/21/2020	14.2	NA	NA	NA
92492033	FD_08212020	08/21/2020	10.3	NA	NA	NA
92493878	13822_HC_RD	09/02/2020	11.6	<0.50	<0.50	<2.0
92495055	13822_HC_RD	09/10/2020	<5.0	<0.50	<0.50	<2.0
92495069	FD-091020	09/10/2020	<5.0	<0.50	<0.50	<2.0
92495927	13822_HC_RD_20200916	09/16/2020	14.3	<0.50	<0.50	<2.0
92497407	13822_HC_RD_20200924	09/24/2020	8.9	<0.50	<0.50	<2.0
92491385	13831_Sims_Rd	08/17/2020	<5.0	<0.50	<0.50	<2.0
92492683	13831_Sims_Rd	08/25/2020	<5.0	<0.50	<0.50	<2.0
92494137	13831_SIMS_RD	09/03/2020	<5.0	<0.50	<0.50	<2.0
92525138	13831_SIMS_RD_20210302	03/02/2021	<5.0	<0.50	<0.50	<2.0
92491367	13835_AC_Rd	08/17/2020	<5.0	<0.50	<0.50	<2.0
92492460	13835_AC_Rd	08/25/2020	<5.0	<0.50	<0.50	<2.0
92492469	FD1-08252020	08/25/2020	<5.0	<0.50	<0.50	<2.0
92494135	13835_AC_RD	09/03/2020	<5.0	<0.50	<0.50	<2.0
92495191	13835_AC_RD	09/11/2020	<5.0	<0.50	<0.50	<2.0
92495943	13835_AC_RD_20200916	09/16/2020	<5.0	1.7	7.4	<2.0
92497409	13835_AC_RD_20200924	09/24/2020	16.1	<0.50	<0.50	<2.0
92498537	13835_AC_RD	10/01/2020	<5.0	<0.50	<0.50	<2.0
92498539	FD-100120	10/01/2020	<5.0	<0.50	<0.50	<2.0
92499665	13835_AC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50	<2.0
92500725	13835_AC_RD_20201015	10/15/2020	<5.0	<0.50	<0.50	<2.0
92500731	DUP-1	10/15/2020	<5.0	<0.50	<0.50	NA
92501805	13835_AC_RD_20201022	10/22/2020	<5.0	<0.50	<0.50	<2.0
92502955	13835_AC_RD_20201029	10/29/2020	<5.0	<0.50	<0.50	<2.0
92502957	DUP-1	10/29/2020	<5.0	<0.50	<0.50	<2.0
92504283	13835_AC_RD_20201105	11/05/2020	<5.0	<0.50	<0.50	<2.0
92506030	13835_AC_RD	11/12/2020	<5.0	<0.50	<0.50	<2.0
92507400	13835_AC_RD	11/19/2020	<5.0	<0.50	<0.50	<2.0
92508017	13835_AC_RD_20201124	11/24/2020	<5.0	<0.50	<0.50	<2.0
92508716	13835_AC_Rd_20201201	12/01/2020	<5.0	<0.50	<0.50	<2.0
92510233	13835_AC_RD_20201208	12/08/2020	<5.0	<0.50	<0.50	<2.0

Table 6
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	Methylene Chloride
NCAC 2L			15	0.6	70	5
92512027	13835_AC_RD_20201215	12/15/2020	<5.0	<0.50	<0.50	<2.0
92512046	DUP-1	12/15/2020	<5.0	<0.50	<0.50	<2.0
92513354	13835_AC_RD_20201222	12/22/2020	<5.0	<0.50	<0.50	<2.0
92513978	13835_AC_RD_20201229	12/29/2020	<5.0	<0.50	<0.50	<2.0
92514756	13835_AC_RD_20210105	01/05/2021	<5.0	<0.50	<0.50	<2.0
92516191	13835_AC_RD_20211112	01/12/2021	<5.0	<0.50	<0.50	<2.0
92516192	DUP-1	01/12/2021	<5.0	<0.50	<0.50	<2.0
92517234	13835_AC_RD_20211119	01/19/2021	<5.0	<0.50	<0.50	<2.0
92518610	13835_AC_RD_20211126	01/26/2021	15.4	<0.50	<0.50	<2.0
92519760	13835_AC_RD_20210202	02/02/2021	<5.0	<0.50	<0.50	<2.0
92521099	13835_AC_RD_20210209	02/09/2021	15.1	<0.50	<0.50	<2.0
92522436	13835_AC_RD_20210216	02/16/2021	<5.0	<0.50	<0.50	<2.0
92522438	DUP-1	02/16/2021	<5.0	<0.50	0.62	<2.0
92523572	13835_AC_RD_20210223	02/23/2021	<5.0	<0.50	0.57	<2.0
92525131	13835_AC_RD_20210302	03/02/2021	<5.0	<0.50	0.5	<2.0
92526625	13835_AC_RD_20210309	03/09/2021	13.5	<0.50	0.54	<2.0
92527864	13835_AC_RD_20210316	03/16/2021	6.2	<0.50	0.51	<2.0
92529170	13835_AC_RD_20210323	03/23/2021	<5	<0.5	<0.5	<2
92530284	13835_AC_RD_20210330	03/30/2021	<5	<0.5	<0.5	<2
92531392	13835_AC_RD_20210406	04/06/2021	<5.0	<0.50	0.52	<2.0
92532714	13835_AC_RD_20210413	04/13/2021	<5	<0.5	0.65	<2
92534075	13835_AC_RD_20210420	04/20/2021	<5	<0.5	<0.5	<2
92535405	13835_AC_RD_20210427	04/27/2021	<5.0	<0.50	<0.50	<2.0
92536813	13835_AC_RD_20210504	05/04/2021	<5.0	<0.5	0.65	<2
92538166	13835_AC_RD_20210511	05/11/2021	<5	<0.5	0.67	<2
92491363	13901_Sims_Rd	08/17/2020	<5.0	<0.50	<0.50	<2.0
92491368	FD1_081720	08/17/2020	<5.0	<0.50	<0.50	<2.0
92492466	13901_Sims_Rd	08/25/2020	<5.0	<0.50	<0.50	<2.0
92494138	13901_SIMS_RD	09/03/2020	<5.0	<0.50	<0.50	<2.0
92525133	13901_Sims_RD_20210302	03/02/2021	<5.0	<0.50	<0.50	<2.0
92491259	13920_Sims_Rd	08/17/2020	<5.0	<0.50	<0.50	<2.0
92492462	13920_Sims_Rd	08/25/2020	<5.0	<0.50	<0.50	<2.0
92494130	13920_SIMS_RD	09/03/2020	<5.0	<0.50	<0.50	<2.0
92525130	13920_SIMS_RD_20210302	03/02/2021	<5.0	<0.50	<0.50	<2.0

Table 6
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	Methylene Chloride
NCAC 2L			15	0.6	70	5
92491360	13923_AC_Rd	08/17/2020	<5.0	<0.50	<0.50	<2.0
92492465	13923_AC_Rd	08/25/2020	<5.0	<0.50	<0.50	<2.0
92494139	13923_AC_RD	09/03/2020	<5.0	<0.50	<0.50	<2.0
92495190	13923_AC_RD	09/11/2020	<5.0	<0.50	<0.50	<2.0
92495938	13923_AC_RD_20200916	09/16/2020	<5.0	<0.50	<0.50	<2.0
92497416	13923_AC_RD_20200924	09/24/2020	5.5	<0.50	<0.50	<2.0
92498533	13923_AC_RD	10/01/2020	<5.0	<0.50	<0.50	<2.0
92499672	13923_AC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50	<2.0
92491030	13926A_HC_Rd	08/16/2020	<5.0	<0.50	<0.50	<2.0
92492029	13926A_HC_Rd	08/21/2020	<5.0	NA	<0.50	NA
92493902	13926A_HC_RD	09/02/2020	<5.0	<0.50	<0.50	<2.0
92495062	13926A_HC_RD	09/10/2020	<5.0	<0.50	<0.50	<2.0
92495945	13926A_HC_RD_20200916	09/16/2020	<5.0	<0.50	<0.50	<2.0
92497401	13926A_HC_RD_20200924	09/24/2020	<5.0	<0.50	<0.50	<2.0
92498130	13926A_HC_RD_20200930	09/30/2020	<5.0	<0.50	<0.50	<2.0
92499670	13926A_HC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50	<2.0
92500718	13926A_HC_RD_20201015	10/15/2020	<5.0	<0.50	<0.50	<2.0
92501815	13926A_HC_RD_20201022	10/22/2020	5.2	<0.50	<0.50	<2.0
92502951	13926A_HC_RD_20201029	10/29/2020	6.6	<0.50	<0.50	<2.0
92504292	13926A_HC_RD_20201105	11/05/2020	<5.0	<0.50	<0.50	<2.0
92506028	13926A_HC_RD	11/12/2020	<5.0	<0.50	8.2	<2.0
92507401	13926A_HC_RD	11/19/2020	5.8	<0.50	<0.50	<2.0
92508011	13926A_HC_RD_20201124	11/24/2020	<5.0	<0.50	<0.50	<2.0
92508712	13926A_HC_RD_20201201	12/01/2020	5.9	<0.50	<0.50	<2.0
92510243	13926A_HC_RD_20201208	12/08/2020	<5.0	<0.50	<0.50	<2.0
92512042	13926A_HC_RD_20201215	12/15/2020	<5.0	<0.50	<0.50	<2.0
92513351	13926A_HC_RD_20201222	12/22/2020	<5.0	<0.50	<0.50	<2.0
92513975	13926A_HC_RD_20201229	12/29/2020	<5.0	<0.50	<0.50	<2.0
92514754	13926A_HC_RD_20210105	01/05/2021	<5.0	<0.50	<0.50	<2.0
92516196	13926A_HC_RD_2021112	01/12/2021	<5.0	<0.50	<0.50	<2.0
92517224	13926A_HC_RD_2021119	01/19/2021	<5.0	<0.50	<0.50	<2.0
92518620	13926A_HC_RD_2021126	01/26/2021	<5.0	<0.50	<0.50	<2.0
92519764	13926A_HC_RD_20210202	02/02/2021	<5.0	<0.50	<0.50	<2.0
92521095	13926A_HC_RD_20210209	02/09/2021	24.2	<0.50	<0.50	<2.0
92522435	13926A_HC_RD_20210216	02/16/2021	<5.0	<0.50	<0.50	<2.0
92523580	13926A_HC_RD_20210223	02/23/2021	<5.0	<0.50	<0.50	<2.0
92525137	13926A_HC_RD_20210302	03/02/2021	<5.0	<0.50	<0.50	<2.0
92526622	13926A_HC_RD_20210309	03/09/2021	7.3	<0.50	<0.50	<2.0

Table 6
Summary of Water Supply Well Sampling Results

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

Lab Report Number	Sample ID	Sample Date	Metals (µg/L)	VOCs (µg/L)		
			Lead	Bromodichloromethane	Chloroform	Methylene Chloride
		NCAC 2L	15	0.6	70	5
92527881	13926A_HC_RD_20210316	03/16/2021	<5.0	<0.50	<0.50	<2.0
92529132	13926A_HC_RD_20210323	03/23/2021	<5	<0.5	<0.5	<2
92530272	13926A_HC_RD_20210330	03/30/2021	<5	<0.5	<0.5	<2
92530286	DUP-1	03/30/2021	<5.0	<0.50	<0.50	<2.0
92531391	13926A_HC_RD_20210406	04/06/2021	<5.0	<0.50	<0.50	<2.0
92532713	13926A_HC_RD_20210413	04/13/2021	<5	<0.5	<0.5	<2
92534055	13926A_HC_RD_20210420	04/20/2021	<5	<0.5	<0.5	<2
92535410	13926A_HC_RD_20210427	04/27/2021	<5.0	<0.50	<0.50	<2.0
92536815	13926A_HC_RD_20210504	05/04/2021	<5.0	<0.5	<0.5	<2
92538170	13926A_HC_RD_20210511	05/11/2021	<5	<0.5	<0.5	<2
92491030	13926B_HC_Rd	08/16/2020	<5.0	<0.50	8.9	<2.0
92492030	13926B_HC_Rd	08/21/2020	NA	NA	8.4	NA
92493891	13926B_HC_RD	09/02/2020	<5.0	<0.50	9.4	<2.0
92495059	13926B_HC_RD	09/10/2020	<5.0	<0.50	7.6	<2.1
92495941	13926B_HC_RD_20200916	09/16/2020	<5.0	<0.50	9.6	<2.0
92495930	Field Duplicate 09-16-2020	09/16/2020	<5.0	<0.50	10.1	<2.0
92497412	13926B_HC_RD_20200924	09/24/2020	<5.0	<0.50	9.8	<2.0
92498128	13926B_HC_RD_20200930	09/30/2020	<5.0	<0.50	6.3	<2.0
92499661	13926B_HC_RD_20201008	10/08/2020	<5.0	<0.50	9.3	<2.0
92500720	13926B_HC_RD_20201015	10/15/2020	<5.0	<0.50	8.9	<2.0
92501809	13926B_HC_RD_20201022	10/22/2020	<5.0	<0.50	8.7	<2.0
92502943	13926B_HC_RD_20201029	10/29/2020	<5.0	<0.50	8.9	<2.0
92504284	13926B_HC_RD_20201105	11/05/2020	<5.0	<0.50	9.2	<2.0
92506050	13926B_HC_RD	11/12/2020	<5.0	<0.50	<0.50	<2.0
92507398	13926B_HC_RD	11/19/2020	<5.0	<0.50	7	<2.0
92508014	13926B_HC_RD_20201124	11/24/2020	<5.0	<0.50	8.7	<2.0
92508823	13926B_HC_RD_20201201	12/01/2020	6.6	<0.50	6.8	<2.0
92510237	13926B_HC_RD_20201208	12/08/2020	<5.0	<0.50	9.2	<2.0
92512044	13926B_HC_RD_20201215	12/15/2020	<5.0	<0.50	8.5	<2.0
92513370	13926B_HC_RD_20201222	12/22/2020	<5.0	<0.50	6.4	<2.0
92513986	13926B_HC_RD_20201229	12/29/2020	<5.0	<0.50	7.5	<2.0
92514757	13926B_HC_RD_20210105	01/05/2021	<5.0	<0.50	11.5	<2.0
92514760	DUP-1	01/05/2021	<5.0	<0.50	11.7	<2.0
92516195	13926B_HC_RD_2021112	01/12/2021	<5.0	<0.50	9.7	<2.0
92517242	13926B_HC_RD_2021119	01/19/2021	<5.0	<0.50	8.8	<2.0
92517218	DUP-1	01/19/2021	<5.0	<0.50	8.6	<2.0
92518587	13926B_HC_RD_2021126	01/26/2021	<5.0	<0.50	7.9	<2.0
92519742	13926B_HC_RD_20210202	02/02/2021	<5.0	<0.50	9	<2.0

Table 6
Summary of Water Supply Well Sampling Results

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

Lab Report Number	Sample ID	Sample Date	Metals (µg/L)	VOCs (µg/L)		
			Lead	Bromodichloromethane	Chloroform	Methylene Chloride
		NCAC 2L	15	0.6	70	5
92521084	13926B_HC_RD_20210209	02/09/2021	<5.0	<0.50	8.9	<2.0
92522444	13926B_HC_RD_20210216	02/16/2021	<5.0	<0.50	9	<2.0
92523576	13926B_HC_RD_20210223	02/23/2021	<5.0	<0.50	9.3	<2.0
92523574	Dup-1	02/23/2021	<5.0	<0.50	9.7	<2.0
92525136	13926B_HC_RD_20210302	03/02/2021	<5.0	<0.50	7.8	<2.0
92525144	DUP-1	03/02/2021	<5.0	<0.50	0.54	<2.0
92526624	13926B_HC_RD_20210309	03/09/2021	<5.0	<0.50	9.3	<2.0
92527878	13926B_HC_RD_20210316	03/16/2021	<5.0	<0.50	8.7	<2.0
92529205	13926B_HC_RD_20210323	03/23/2021	<5	<0.5	8.1	<2
92530274	13926B_HC_RD_20210330	03/30/2021	<5	<0.5	7.5	<2
92531403	13926B_HC_RD_20210406	04/06/2021	<5.0	<0.50	7.9	<2.0
92532710	13926B_HC_RD_20210413	04/13/2021	<5	<0.5	8.5	<2
92534064	13926B_HC_RD_20210420	04/20/2021	<5	<0.5	8.6	<2
92535409	13926B_HC_RD_20210427	04/27/2021	<5.0	<0.50	8.8	<2.0
92536816	13926B_HC_RD_20210504	05/04/2021	<5.0	<0.5	9.7	<2
92536817	DUP-1	05/04/2021	<5.0	<0.5	9.2	<2
92538168	13926B_HC_RD_20210511	05/11/2021	<5	<0.5	8.3	<2
92492031	13937_AC_Rd	08/21/2020	<5.0	<0.50	<0.50	<2.0
92492463	13937_AC_Rd	08/25/2020	<5.0	<0.50	<0.50	<2.0
92494129	13937_AC_RD	09/03/2020	<5.0	<0.50	<0.50	<2.0
92494126	FD-090320	09/03/2020	<0.50	<0.50	<0.50	<2.0
92495051	13937_AC_RD	09/10/2020	<5.0	<0.50	<0.50	<2.0
92495928	13937_AC_RD_20200916	09/16/2020	<5.0	<0.50	<0.50	<2.0
92497405	13937_AC_RD_20200924	09/24/2020	<5.0	<0.50	<0.50	<2.0
92498536	13937_AC_RD	10/01/2020	<5.0	<0.50	<0.50	<2.0
92499667	13937_AC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50	<2.0
92491152	13945_AC_Rd	08/17/2020	<5.0	<0.50	<0.50	<2.0
92492461	13945_AC_Rd	08/25/2020	<5.0	<0.50	<0.50	<2.0
92493888	13945_AC_RD	09/02/2020	<5.0	<0.50	<0.50	<2.0
92495063	13945_AC_RD	09/10/2020	<5.0	<0.50	<0.50	<2.0
92495935	13945_AC_RD_20200916	09/16/2020	<5.0	<0.50	<0.50	<2.0
92497410	13945_AC_RD_20200924	09/24/2020	<5.0	<0.50	<0.50	<2.0
92498532	13945_AC_RD	10/01/2020	<5.0	<0.50	<0.50	<2.0
92499669	13945_AC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50	<2.0
92500726	13945_AC_RD_20201015	10/15/2020	<5.0	<0.50	<0.50	<2.0
92501817	DUP-1	10/22/2020	<5.0	<0.50	<0.50	<2.0
92501807	13945_AC_RD_20201022	10/22/2020	<5.0	<0.50	<0.50	<2.0
92502946	13945_AC_RD_20201029	10/29/2020	<5.0	<0.50	<0.50	<2.0

Table 6
Summary of Water Supply Well Sampling Results

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

Lab Report Number	Sample ID	Sample Date	Metals (µg/L)	VOCs (µg/L)		
			Lead	Bromodichloromethane	Chloroform	Methylene Chloride
		NCAC 2L	15	0.6	70	5
92504280	13945_AC_RD_20201105	11/05/2020	<5.0	<0.50	<0.50	<2.0
92506044	13945_AC_RD	11/12/2020	<5.0	<0.50	<0.50	<2.0
92507397	13945_AC_RD	11/19/2020	<5.0	<0.50	<0.50	<2.0
92508007	13945_AC_RD_20201124	11/24/2020	<5.0	<0.50	<0.50	<2.0
92508713	13945_AC_Rd_20201201	12/01/2020	<5.0	<0.50	<0.50	<2.0
92508822	DUP-1	12/01/2020	<0.50	<0.50	<0.50	<0.50
92510208	13945_AC_RD_20201208	12/08/2020	<5.0	<0.50	<0.50	<2.0
92525142	14000_LAWTHER_RD_20210302	03/02/2021	<5.0	<0.50	1.2	<2.0
92491555	14015_ASbury_CHAPEL_RD	08/18/2020	<5.0	<0.50	<0.50	<2.0
92492468	14015_AC_Rd	08/25/2020	<5.0	<0.50	1.5	<2.0
92493886	14015_AC_RD	09/02/2020	<5.0	<0.50	4.4	<2.0
92495058	14015_AC_RD	09/10/2020	<5.0	<0.50	<0.50	<2.0
92495932	14015_AC_RD_20200916	09/16/2020	<5.0	<0.50	<0.50	<2.0
92497403	14015_AC_RD_20200924	09/24/2020	<5.0	<0.50	<0.50	<2.0
92498133	14015_AC_RD_20200930	09/30/2020	<5.0	<0.50	<0.50	<2.0
92499671	14015_AC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50	<2.0
92499673	DUP-1	10/08/2020	<5.0	<0.50	<0.50	NA
92500727	14015_AC_RD_20201015	10/15/2020	<5.0	<0.50	<0.50	<2.0
92501814	14015_AC_RD_20201022	10/22/2020	<5.0	<0.50	<0.50	<2.0
92502948	14015_AC_RD_20201029	10/29/2020	<5.0	<0.50	<0.50	<2.0
92504297	14015_AC_RD_20201105	11/05/2020	<5.0	<0.50	<0.50	<2.0
92504300	DUP-1	11/05/2020	<5.0	<0.50	<0.50	<2.0
92506055	14015_AC_RD	11/12/2020	<5.0	<0.50	<0.50	<2.0
92506038	FD-111220	11/12/2020	<5.0	<0.50	<0.50	<2.0
92491361	14024_Sims_Rd	08/17/2020	<5.0	<0.50	<0.50	<2.0
92492464	14024_Sims_Rd	08/25/2020	<5.0	<0.50	<0.50	<2.0
92494133	14024_SIMS_RD	09/03/2020	<5.0	<0.50	<0.50	<2.0
92525135	14024_SIMS_RD_20210302	03/02/2021	<5.0	<0.50	<0.50	<2.0
92493111	14037_Lawther_Rd	08/30/2020	37.3	<0.50	<0.50	<2.0
92495188	14037_LAWTHER_RD	09/11/2020	23.1	<0.50	<0.50	<2.0
92491027	14108_HC_Rd	08/15/2020	<5.0	<0.50	<0.50	<2.0
92492688	14108_HC_Rd	08/25/2020	<5.0	<0.50	<0.50	<2.0

Table 6
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	Methylene Chloride
NCAC 2L			15	0.6	70	5
92491029	14226_HC_Rd	08/16/2020	<5.0	<0.50	<0.50	<2.0
92492685	14226_HC_Rd	08/25/2020	<5.0	<0.50	<0.50	<2.0
92493881	14226_HC_RD	09/02/2020	<5.0	<0.50	<0.50	<2.0
92493905	FD_09_02_20	09/02/2020	<5.0	<0.50	<0.50	<2.0
92495187	14226_HC_RD	09/11/2020	<5.0	<0.50	<0.50	<2.0
92495193	FD-091120	09/11/2020	<5.0	<0.50	<0.50	<2.0
92495934	14226_HC_RD_20200916	09/16/2020	<5.0	<0.50	<0.50	<2.0
92497413	14226_HC_RD_20200924	09/24/2020	<5.0	<0.50	<0.50	<2.0
92497418	DUP-1	09/24/2020	<5.0	<0.50	<0.50	<2.0
92498535	14226_HC_RD	10/01/2020	6.1	<0.50	<0.50	<2.0
92499662	14226_HC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50	<2.0
92500723	14226_HC_RD_20201015	10/15/2020	<5.0	<0.50	<0.50	<2.0
92501813	14226_HC_RD_20201022	10/22/2020	<5.0	<0.50	<0.50	<2.0
92502953	14226_HC_RD_20201029	10/29/2020	<5.0	<0.50	<0.50	<2.0
92504286	14226_HC_RD_20201105	11/05/2020	<5.0	<0.50	<0.50	<2.0
92506051	14226_HC_RD	11/12/2020	<5.0	<0.50	<0.50	<2.0
92507396	14226_HC_RD	11/19/2020	<5.0	<0.50	<0.50	<2.0
92508028	14226_HC_RD_20201124	11/24/2020	<5.0	<0.50	<0.50	<2.0
92508021	DUP-1	11/24/2020	<5.0	<0.50	<0.50	<2.0
92508835	14226_HC_RD_20201201	12/01/2020	<5.0	<0.50	<0.50	<2.0
92510240	14226_HC_RD_20201208	12/08/2020	<5.0	<0.50	<0.50	<2.0
92510245	DUP-1	12/08/2020	<5.0	<0.50	<0.50	<2.0
92511927	14226_HC_RD_20201215	12/15/2020	<5.0	<0.50	<0.50	<2.0
92513359	14226_HC_RD_20201222	12/22/2020	<5.0	<0.50	<0.50	<2.0
92513988	14226_HC_RD_20201229	12/29/2020	<5.0	<0.50	<0.50	<2.0
92513991	DUP-1	12/29/2020	<5.0	<0.50	<0.50	<2.0
92514751	14226_HC_RD_20210105	01/05/2021	<5.0	<0.50	<0.50	<2.0
92516188	14226_HC_RD_2021112	01/12/2021	<5.0	<0.50	<0.50	<2.0
92517237	14226_HC_RD_2021119	01/19/2021	NA	<0.50	<0.50	<2.0
92518581	14226_HC_RD_2021126	01/26/2021	<5.0	<0.50	<0.50	<2.0
92519752	14226_HC_RD_20210202	02/02/2021	<5.0	<0.50	<0.50	<2.0
92519734	Dup-1	02/02/2021	<5.0	<0.50	<0.50	<2.0
92521102	14226_HC_RD_20210209	02/09/2021	<5.0	<0.50	<0.50	<2.0
92521104	DUP-1	02/09/2021	<5.0	<0.50	<0.50	<2.0
92522445	14226_HC_RD_20210216	02/16/2021	<5.0	<0.50	<0.50	<2.0
92523584	14226_HC_RD_20210223	02/23/2021	<5.0	<0.50	<0.50	<2.0
92525132	14226_HC_RD_20210302	03/02/2021	<5.0	<0.50	<0.50	<2.0
92526623	14226_HC_RD_20210309	03/09/2021	<5.0	<0.50	<0.50	<2.0

Table 6
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	Methylene Chloride
NCAC 2L			15	0.6	70	5
92527853	14226_HC_RD_20210316	03/16/2021	<5.0	<0.50	<0.50	<2.0
92529174	14226_HC_RD_20210323	03/23/2021	<5	<0.5	<0.5	<2
92530278	14226_HC_RD_20210330	03/30/2021	<5	<0.5	<0.5	<2
92527887	DUP-1	03/16/2021	<5.0	<0.50	<0.50	<2.0
92531398	14226_HC_RD_20210406	04/06/2021	<5.0	<0.50	<0.50	<2.0
92532715	14226_HC_RD_20210413	04/13/2021	<5	<0.5	<0.5	<2
92534061	14226_HC_RD_20210420	04/20/2021	<5	<0.5	<0.5	<2
92535397	14226_HC_RD_20210427	04/27/2021	<5.0	<0.50	<0.50	<2.0
92536809	14226_HC_RD_20210504	05/04/2021	<5	<0.5	<0.5	<2.0
92538174	14226_HC_RD_20210511	05/11/2021	<5	<0.5	<0.5	<2
92538175	DUP-1	05/11/2021	<5	<0.5	<0.5	<2
92495192	14401_HC_RD	09/11/2020	<5.0	<0.50	<0.50	<2.0
92495926	14401_HC_RD_20200916	09/16/2020	<5.0	<0.50	<0.50	<2.0
92497414	14401_HC_RD_20200924	09/24/2020	<5.0	<0.50	<0.50	<2.0
92498534	14401_HC_RD	10/01/2020	<5.0	<0.50	<0.50	<2.0
92499663	14401_HC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50	<2.0
92500730	14401_HC_RD_20201015	10/15/2020	<5.0	<0.50	<0.50	<2.0
92501803	14401_HC_RD_20201022	10/22/2020	<5.0	<0.50	<0.50	<2.0
92502940	14401_HC_RD_20201029	10/29/2020	<5.0	<0.50	<0.50	<2.0
92504290	14401_HC_RD_20201105	11/05/2020	<5.0	<0.50	<0.50	<2.0
92506047	14401_HC_RD	11/12/2020	<5.0	<0.50	<0.50	<2.0
92507394	14401_HC_RD	11/19/2020	<5.0	<0.50	<0.50	<2.0
92508004	14401_HC_RD_20201124	11/24/2020	<5.0	<0.50	<0.50	<2.0
92508717	14401_HC_RD_20201201	12/01/2020	5.8	<0.50	<0.50	<2.0
92510211	14401_HC_RD_20201208	12/08/2020	<5.0	<0.50	<0.50	<2.0
92512045	14401_HC_RD_20201215	12/15/2020	<5.0	<0.50	<0.50	<2.0
92513372	14401_HC_RD_20201222	12/22/2020	<5.0	<0.50	<0.50	<2.0
92513342	Dup-1	12/22/2020	<5.0	<0.50	<0.50	<2.0
92513981	14401_HC_RD_20201229	12/29/2020	<5.0	<0.50	<0.50	<2.0
92514759	14401_HC_RD_20210105	01/05/2021	<5.0	<0.50	<0.50	<2.0
92516197	14401_HC_RD_2021112	01/12/2021	<5.0	<0.50	<0.50	<2.0
92517232	14401_HC_RD_2021119	01/19/2021	<5.0	<0.50	<0.50	<2.0
92518569	14401_HC_RD_20211126	01/26/2021	<5.0	<0.50	<0.50	<2.0
92518564	DUP-1	01/26/2021	<5.0	<0.50	<0.50	<2.0
92519739	14401_HC_RD_20210202	02/02/2021	<5.0	<0.50	<0.50	<2.0
92521093	14401_HC_RD_20210209	02/09/2021	<5.0	<0.50	<0.50	<2.0
92522431	14401_HC_RD_20210216	02/16/2021	<5.0	<0.50	<0.50	<2.0
92523581	14401_HC_RD_20210223	02/23/2021	<5.0	<0.50	<0.50	<2.0

Table 6
Summary of Water Supply Well Sampling Results

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

Lab Report Number	Sample ID	Sample Date	Metals (µg/L)	VOCs (µg/L)		
			Lead	Bromodichloromethane	Chloroform	Methylene Chloride
NCAC 2L			15	0.6	70	5
92525134	14401_HC_RD_20210302	03/02/2021	10.4	<0.50	<0.50	<2.0
92526626	14401_HC_RD_20210309	03/09/2021	<5.0	<0.50	<0.50	<2.0
92526621	DUP-1	03/09/2021	<5.0	<0.50	<0.50	<2.0
92527871	14401_HC_RD_20210316	03/16/2021	<5.0	<0.50	<0.50	<2.0
92527871	14401_HC_RD_20210316	03/16/2021	<5	<0.5	<0.5	<2
92529145	14401_HC_RD_20210323	03/23/2021	5.5	<0.5	<0.5	<2
92530273	14401_HC_RD_20210330	03/30/2021	<5	<0.5	<0.5	<2
92531400	14401_HC_RD_20210406	04/06/2021	<5.0	<0.50	<0.50	<2.0
92532719	14401_HC_RD_20210413	04/13/2021	20.4	<0.5	<0.5	<2
92534072	14401_HC_RD_20210420	04/20/2021	<5	<0.5	<0.5	<2
92535399	14401_HC_RD_20210427	04/27/2021	<5.0	<0.50	<0.50	<2.0
92536814	14401_HC_RD_20210504	05/04/2021	5.1	<0.5	<0.5	<2
92538161	14401_HC_RD_20210511	05/11/2021	<5	<0.5	<0.5	<2
92492048	15104_PL_Dr	08/22/2020	NA	NA	NA	NA
92492044	15110_PL_Dr	08/22/2020	NA	NA	NA	NA
92492047	15120_PL_Dr	08/22/2020	NA	NA	NA	NA
92492046	15128_PL_Dr	08/22/2020	NA	NA	NA	NA
92492045	15136_PL_Dr	08/22/2020	NA	NA	NA	NA
92491031	16366_HC_Rd	08/16/2020	<5.0	<0.50	<0.50	<2.0
92492689	HOA_Lawn	08/26/2020	<5.0	<0.50	<0.50	<2.0
92492686	FD1_08262020	08/26/2020	<5.0	<0.50	<0.50	<2.0
92493898	HOA_LAWN	09/02/2020	<5.0	<0.50	<0.50	<2.0
92495066	HOA_LAWN	09/10/2020	<5.0	<0.50	<0.50	<2.0

Table 6
Summary of Water Supply Well Sampling Results

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

Lab Report Number	Sample ID	Sample Date	Metals (µg/L)	VOCs (µg/L)		
			Lead	Bromodichloromethane	Chloroform	Methylene Chloride
NCAC 2L			15	0.6	70	5
QC Data						
92497418	FB-1	09/24/2020	<5.0	<0.50	<0.50	<2.0
92492469	Field Blank	08/25/2020	<5.0	<0.50	<0.50	2.1
92492905	Field Blank	08/27/2020	<5.0	<0.50	<0.50	<2.0
92492033	Field Blank	08/21/2020	<5.0	NA	NA	NA
92492686	Field Blank	08/26/2020	<5.0	<0.50	<0.50	<2.0
92493905	Field Blank	09/02/2020	<5.0	<0.50	<0.50	<2.0
92494126	Field Blank	09/03/2020	<0.50	<0.50	<0.50	<2.0
92495069	FIELD BLANK	09/10/2020	<5.0	<0.50	<0.50	3.3
92495193	FIELD BLANK	09/11/2020	<5.0	<0.50	<0.50	3.1
92495930	Field Blank 09-16-2020	09/16/2020	<5.0	<0.50	<0.50	2.9
92491368	FIELD BLANK_1	08/17/2020	<5.0	<0.50	<0.50	<2.0
92499673	FB-1	10/08/2020	<5.0	<0.50	<0.50	<2.0
92500731	FB-1	10/15/2020	<5.0	<0.50	<0.50	<2.0
92501817	FB-1	10/22/2020	<5.0	<0.50	<0.50	<2.0
92502957	FB-1	10/29/2020	<5.0	<0.50	<0.50	<2.0
92504300	FB-1	11/05/2020	<5.0	<0.50	<0.50	<2.0
92506038	Field Blank	11/12/2020	<5.0	<0.50	<0.50	<2.0
92507391	Field Blank	11/19/2020	<5.0	<0.50	<0.50	<2.0
92508021	FB-1	11/24/2020	<5.0	<0.50	<0.50	<2.0
92508822	FB-1	12/01/2020	<0.50	<0.50	<0.50	<0.50
92510245	FB-1	12/08/2020	<5.0	<0.50	<0.50	<2.0
92512046	FB-1	12/15/2020	<5.0	<0.50	<0.50	<2.0
92513342	FB-1	12/22/2020	<5.0	<0.50	<0.50	<2.0
92513991	FB-1	12/29/2020	<5.0	<0.50	<0.50	<2.0
92514760	FB-1	01/05/2021	<5.0	<0.50	<0.50	<2.0
92516192	FB-1	01/12/2021	<5.0	<0.50	<0.50	<2.0
92517218	FB-1	01/19/2021	<5.0	<0.50	<0.50	<2.0
92518564	FB-1	01/26/2021	<5.0	<0.50	<0.50	<2.0
92519734	FB-1	02/02/2021	<5.0	<0.50	<0.50	<2.0
92521104	FB-1	02/09/2021	<5.0	<0.50	<0.50	<2.0
92522438	FB-1	02/16/2021	<5.0	<0.50	<0.50	<2.0
92523574	FB-1	02/23/2021	<5.0	<0.50	<0.50	<2.0
92525144	FB-1	03/02/2021	<5.0	<0.50	<0.50	<2.0
92526621	FB-1	03/09/2021	<5.0	<0.50	<0.50	<2.0
92527887	FB-1	03/16/2021	<5.0	<0.50	<0.50	<2.0
92530286	FB-1	03/30/2021	<5.0	<0.50	<0.50	<2.0
92531397	FB-1	04/06/2021	<5.0	<0.50	<0.50	<2.0

Table 6
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	Methylene Chloride
NCAC 2L			15	0.6	70	5
92535408	FB-1	04/27/2021	<5.0	<0.50	<0.50	<2.0
92536817	FB-1	05/04/2021	<5.0	<0.5	<0.50	<2
92538175	FB-1	05/11/2021	<5	<0.5	<0.5	<2
92492469	Trip Blank	08/25/2020	NA	<0.50	<0.50	<2.0
92492905	Trip Blank	08/27/2020	NA	<0.50	<0.50	<2.0
92491368	TRIP BLANK	08/17/2020	NA	<0.50	<0.50	<2.0
92491387	TRIP BLANK	08/18/2020	NA	<0.50	<0.50	<2.0
92491555	TRIP BLANK	08/18/2020	NA	<0.50	<0.50	<2.0
92492033	Trip Blank	08/21/2020	NA	NA	<0.50	NA
92493111	Trip Blank	08/30/2020	NA	<0.50	<0.50	<2.0
92493905	Trip Blank	09/02/2020	NA	<0.50	<0.50	<2.0
92494126	Trip Blank	09/03/2020	NA	<0.50	<0.50	<2.0
92495069	TRIP BLANK	09/10/2020	NA	<0.50	<0.50	<2.0
92495193	TRIP BLANK	09/11/2020	NA	<0.50	<0.50	<2.0
92495930	Trip Blank	09/16/2020	NA	<0.50	<0.50	<2.0
92497418	Trip Blank	09/24/2020	NA	<0.50	<0.50	<2.0
92499673	TRIP BLANK	10/08/2020	NA	<0.50	<0.50	<2.0
92500731	TRIP BLANK	10/15/2020	NA	<0.50	<0.50	<2.0
92501817	TRIP BLANK	10/22/2020	NA	<0.50	<0.50	<2.0
92502957	TRIP BLANK	10/29/2020	NA	<0.50	<0.50	<2.0
92504300	TRIP BLANK	11/05/2020	NA	<0.50	<0.50	<2.0
92506038	Trip Blank	11/12/2020	NA	<0.50	<0.50	<2.0
92507391	Trip Blank	11/19/2020	NA	<0.50	<0.50	<2.0
92508021	Trip Blank	11/24/2020	<5.0	<0.50	<0.50	<2.0
92508822	Trip Blank	12/01/2020	NA	<0.50	<0.50	<0.50
92510245	Trip Blank	12/08/2020	NA	<0.50	<0.50	<2.0
92512046	Trip Blank	12/15/2020	NA	<0.50	<0.50	<2.0
92513342	Trip Blank	12/22/2020	NA	<0.50	<0.50	<2.0
92513991	Trip Blank	12/29/2020	NA	<0.50	<0.50	<2.0
92514760	TRIP BLANK	01/05/2021	NA	<0.50	<0.50	<2.0
92516192	Trip Blank	01/12/2021	NA	<0.50	<0.50	<2.0
92517218	TRIP BLANK	01/19/2021	NA	<0.50	<0.50	<2.0
92518564	Trip Blank	01/26/2021	NA	<0.50	<0.50	<2.0
92519734	Trip Blank	02/02/2021	NA	<0.50	<0.50	<2.0
92521104	Trip Blank	02/09/2021	NA	<0.50	<0.50	<2.0
92522438	Trip Blank	02/16/2021	NA	<0.50	<0.50	<2.0
92523574	Trip Blank	02/23/2021	NA	<0.50	<0.50	<2.0
92525144	Trip Blank	03/02/2021	NA	<0.50	<0.50	<2.0

Table 6
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	Methylene Chloride
NCAC 2L			15	0.6	70	5
92526621	Trip Blank	03/09/2021	NA	<0.50	<0.50	<2.0
92527887	TRIP BLANK	03/16/2021	NA	<0.50	<0.50	<2.0
92530286	Trip Blank	03/30/2021	NA	<0.50	<0.50	<2.0
92531397	TRIP BLANK	04/06/2021	NA	<0.50	<0.50	<2.0
92535408	TRIP BLANK	04/27/2021	NA	<0.50	<0.50	<2.0
92536817	Trip Blank	05/04/2021	N/A	<0.5	<0.5	<2
92538175	TRIP BLANK	05/11/2021	N/A	<0.5	<0.5	<2

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

APPENDIX A
LABORATORY ANALYTICAL REPORTS

April 28, 2021

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

RE: Project: 2020-L1-2448
Pace Project No.: 92534559

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on April 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.

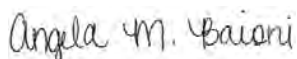
The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

A revised laboratory report is being submitted on 4/28/21 to include an improved scan of the chain of custody.

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
Robert Hughes, Colonial Pipeline
Margaret King, APEX Companies, LLC
Cameron Lee, Montrose-EPS
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 2020-L1-2448

Pace Project No.: 92534559

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448

Pace Project No.: 92534559

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92534559001	MW-87	MADEP VPH	LMB	7	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448

Pace Project No.: 92534559

Sample: MW-87 **Lab ID: 92534559001** Collected: 04/21/21 11:00 Received: 04/22/21 08:35 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)	ND	mg/kg	3.6	1	04/23/21 13:10	04/23/21 17:25		N2
Aliphatic (C05-C08)	ND	mg/kg	3.6	1	04/23/21 13:10	04/23/21 17:25		N2
Aliphatic (C09-C12)	ND	mg/kg	3.6	1	04/23/21 13:10	04/23/21 17:25		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	3.6	1	04/23/21 13:10	04/23/21 17:25		N2
Aromatic (C09-C10)	ND	mg/kg	3.6	1	04/23/21 13:10	04/23/21 17:25		N2
Surrogates								
4-Bromofluorobenzene (FID) (S)	102	%	70-130	1	04/23/21 13:10	04/23/21 17:25	460-00-4	
4-Bromofluorobenzene (PID) (S)	101	%	70-130	1	04/23/21 13:10	04/23/21 17:25	460-00-4	
8260D/5035A/5030B Volatiles								
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	122	1	04/22/21 11:36	04/22/21 15:46	67-64-1	
Benzene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	71-43-2	
Bromobenzene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	108-86-1	
Bromochloromethane	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	74-97-5	
Bromodichloromethane	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	75-27-4	
Bromoform	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	75-25-2	
Bromomethane	ND	ug/kg	12.2	1	04/22/21 11:36	04/22/21 15:46	74-83-9	
2-Butanone (MEK)	ND	ug/kg	122	1	04/22/21 11:36	04/22/21 15:46	78-93-3	
n-Butylbenzene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	56-23-5	
Chlorobenzene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	108-90-7	
Chloroethane	ND	ug/kg	12.2	1	04/22/21 11:36	04/22/21 15:46	75-00-3	
Chloroform	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	67-66-3	
Chloromethane	ND	ug/kg	12.2	1	04/22/21 11:36	04/22/21 15:46	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	96-12-8	
Dibromochloromethane	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	106-93-4	
Dibromomethane	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.2	1	04/22/21 11:36	04/22/21 15:46	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	594-20-7	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448

Pace Project No.: 92534559

Sample: MW-87 **Lab ID: 92534559001** Collected: 04/21/21 11:00 Received: 04/22/21 08:35 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						
1,1-Dichloropropene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	108-20-3	
Ethylbenzene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	12.2	1	04/22/21 11:36	04/22/21 15:46	87-68-3	
2-Hexanone	ND	ug/kg	61.2	1	04/22/21 11:36	04/22/21 15:46	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	99-87-6	
Methylene Chloride	ND	ug/kg	24.5	1	04/22/21 11:36	04/22/21 15:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	61.2	1	04/22/21 11:36	04/22/21 15:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	1634-04-4	
Naphthalene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	91-20-3	
n-Propylbenzene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	103-65-1	
Styrene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	79-34-5	
Tetrachloroethene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	127-18-4	
Toluene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	79-00-5	
Trichloroethene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	108-67-8	
Vinyl acetate	ND	ug/kg	61.2	1	04/22/21 11:36	04/22/21 15:46	108-05-4	
Vinyl chloride	ND	ug/kg	12.2	1	04/22/21 11:36	04/22/21 15:46	75-01-4	
Xylene (Total)	ND	ug/kg	12.2	1	04/22/21 11:36	04/22/21 15:46	1330-20-7	
m&p-Xylene	ND	ug/kg	12.2	1	04/22/21 11:36	04/22/21 15:46	179601-23-1	
o-Xylene	ND	ug/kg	6.1	1	04/22/21 11:36	04/22/21 15:46	95-47-6	
Surrogates								
Toluene-d8 (S)	99	%	70-130	1	04/22/21 11:36	04/22/21 15:46	2037-26-5	
4-Bromofluorobenzene (S)	106	%	69-134	1	04/22/21 11:36	04/22/21 15:46	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1	04/22/21 11:36	04/22/21 15:46	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	10.6	%	0.10	1	04/22/21 14:27	N2
------------------	-------------	---	------	---	----------------	----

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92534559

QC Batch: 615852

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Soil

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92534559001

METHOD BLANK: 3240859

Matrix: Solid

Associated Lab Samples: 92534559001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	04/23/21 15:03	N2
Aliphatic (C09-C12)	mg/kg	ND	2.5	04/23/21 15:03	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	04/23/21 15:03	N2
4-Bromofluorobenzene (FID) (S)	%	108	70-130	04/23/21 15:03	
4-Bromofluorobenzene (PID) (S)	%	108	70-130	04/23/21 15:03	

LABORATORY CONTROL SAMPLE & LCSD: 3240860

3240861

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	14.9	16.8	14.1	113	95	70-130	18	25	N2
Aliphatic (C09-C12)	mg/kg	14.9	18.2	15.5	123	104	70-130	16	25	N2
Aromatic (C09-C10)	mg/kg	5	6.0	5.5	120	111	70-130	9	25	N2
4-Bromofluorobenzene (FID) (S)	%				103	97	70-130			
4-Bromofluorobenzene (PID) (S)	%				102	96	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92534559

QC Batch: 615490

Analysis Method: EPA 8260D

QC Batch Method: EPA 5035A/5030B

Analysis Description: 8260D 5035A 5030B

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92534559001

METHOD BLANK: 3238922

Matrix: Solid

Associated Lab Samples: 92534559001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	04/22/21 12:45	
1,1,1-Trichloroethane	ug/kg	ND	5.0	04/22/21 12:45	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	04/22/21 12:45	
1,1,2-Trichloroethane	ug/kg	ND	5.0	04/22/21 12:45	
1,1-Dichloroethane	ug/kg	ND	5.0	04/22/21 12:45	
1,1-Dichloroethene	ug/kg	ND	5.0	04/22/21 12:45	
1,1-Dichloropropene	ug/kg	ND	5.0	04/22/21 12:45	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	04/22/21 12:45	
1,2,3-Trichloropropane	ug/kg	ND	5.0	04/22/21 12:45	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	04/22/21 12:45	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	04/22/21 12:45	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	04/22/21 12:45	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	04/22/21 12:45	
1,2-Dichlorobenzene	ug/kg	ND	5.0	04/22/21 12:45	
1,2-Dichloroethane	ug/kg	ND	5.0	04/22/21 12:45	
1,2-Dichloropropane	ug/kg	ND	5.0	04/22/21 12:45	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	04/22/21 12:45	
1,3-Dichlorobenzene	ug/kg	ND	5.0	04/22/21 12:45	
1,3-Dichloropropane	ug/kg	ND	5.0	04/22/21 12:45	
1,4-Dichlorobenzene	ug/kg	ND	5.0	04/22/21 12:45	
2,2-Dichloropropane	ug/kg	ND	5.0	04/22/21 12:45	
2-Butanone (MEK)	ug/kg	ND	100	04/22/21 12:45	
2-Chlorotoluene	ug/kg	ND	5.0	04/22/21 12:45	
2-Hexanone	ug/kg	ND	50.0	04/22/21 12:45	
4-Chlorotoluene	ug/kg	ND	5.0	04/22/21 12:45	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	04/22/21 12:45	
Acetone	ug/kg	ND	100	04/22/21 12:45	
Benzene	ug/kg	ND	5.0	04/22/21 12:45	
Bromobenzene	ug/kg	ND	5.0	04/22/21 12:45	
Bromochloromethane	ug/kg	ND	5.0	04/22/21 12:45	
Bromodichloromethane	ug/kg	ND	5.0	04/22/21 12:45	
Bromoform	ug/kg	ND	5.0	04/22/21 12:45	
Bromomethane	ug/kg	ND	10.0	04/22/21 12:45	
Carbon tetrachloride	ug/kg	ND	5.0	04/22/21 12:45	
Chlorobenzene	ug/kg	ND	5.0	04/22/21 12:45	
Chloroethane	ug/kg	ND	10.0	04/22/21 12:45	
Chloroform	ug/kg	ND	5.0	04/22/21 12:45	
Chloromethane	ug/kg	ND	10.0	04/22/21 12:45	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	04/22/21 12:45	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	04/22/21 12:45	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92534559

METHOD BLANK: 3238922

Matrix: Solid

Associated Lab Samples: 92534559001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	04/22/21 12:45	
Dibromomethane	ug/kg	ND	5.0	04/22/21 12:45	
Dichlorodifluoromethane	ug/kg	ND	10.0	04/22/21 12:45	
Diisopropyl ether	ug/kg	ND	5.0	04/22/21 12:45	
Ethylbenzene	ug/kg	ND	5.0	04/22/21 12:45	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	04/22/21 12:45	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	04/22/21 12:45	
m&p-Xylene	ug/kg	ND	10.0	04/22/21 12:45	
Methyl-tert-butyl ether	ug/kg	ND	5.0	04/22/21 12:45	
Methylene Chloride	ug/kg	ND	20.0	04/22/21 12:45	
n-Butylbenzene	ug/kg	ND	5.0	04/22/21 12:45	
n-Propylbenzene	ug/kg	ND	5.0	04/22/21 12:45	
Naphthalene	ug/kg	ND	5.0	04/22/21 12:45	
o-Xylene	ug/kg	ND	5.0	04/22/21 12:45	
p-Isopropyltoluene	ug/kg	ND	5.0	04/22/21 12:45	
sec-Butylbenzene	ug/kg	ND	5.0	04/22/21 12:45	
Styrene	ug/kg	ND	5.0	04/22/21 12:45	
tert-Butylbenzene	ug/kg	ND	5.0	04/22/21 12:45	
Tetrachloroethene	ug/kg	ND	5.0	04/22/21 12:45	
Toluene	ug/kg	ND	5.0	04/22/21 12:45	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	04/22/21 12:45	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	04/22/21 12:45	
Trichloroethene	ug/kg	ND	5.0	04/22/21 12:45	
Trichlorofluoromethane	ug/kg	ND	5.0	04/22/21 12:45	
Vinyl acetate	ug/kg	ND	50.0	04/22/21 12:45	
Vinyl chloride	ug/kg	ND	10.0	04/22/21 12:45	
Xylene (Total)	ug/kg	ND	10.0	04/22/21 12:45	
1,2-Dichloroethane-d4 (S)	%	104	70-130	04/22/21 12:45	
4-Bromofluorobenzene (S)	%	108	69-134	04/22/21 12:45	
Toluene-d8 (S)	%	100	70-130	04/22/21 12:45	

LABORATORY CONTROL SAMPLE: 3238923

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1220	98	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1140	91	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1190	96	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1200	96	70-130	
1,1-Dichloroethane	ug/kg	1250	1180	94	70-130	
1,1-Dichloroethene	ug/kg	1250	1190	95	70-130	
1,1-Dichloropropene	ug/kg	1250	1150	92	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1110	89	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1200	96	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1100	88	68-130	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92534559

LABORATORY CONTROL SAMPLE: 3238923

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	1140	92	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1250	100	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1090	87	70-130	
1,2-Dichloroethane	ug/kg	1250	1170	94	63-130	
1,2-Dichloropropane	ug/kg	1250	1230	99	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1150	92	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1090	87	70-130	
1,3-Dichloropropane	ug/kg	1250	1270	102	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1070	86	70-130	
2,2-Dichloropropane	ug/kg	1250	1130	90	66-130	
2-Butanone (MEK)	ug/kg	2500	2460	99	70-130	
2-Chlorotoluene	ug/kg	1250	1180	94	70-130	
2-Hexanone	ug/kg	2500	2610	105	70-130	
4-Chlorotoluene	ug/kg	1250	1140	91	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2510	100	70-130	
Acetone	ug/kg	2500	2430	97	69-130	
Benzene	ug/kg	1250	1220	98	70-130	
Bromobenzene	ug/kg	1250	1150	92	70-130	
Bromochloromethane	ug/kg	1250	1210	97	70-130	
Bromodichloromethane	ug/kg	1250	1210	97	69-130	
Bromoform	ug/kg	1250	1240	99	70-130	
Bromomethane	ug/kg	1250	1100	88	52-130	
Carbon tetrachloride	ug/kg	1250	1200	96	70-130	
Chlorobenzene	ug/kg	1250	1180	94	70-130	
Chloroethane	ug/kg	1250	1240	99	65-130	
Chloroform	ug/kg	1250	1120	89	70-130	
Chloromethane	ug/kg	1250	1150	92	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1230	98	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1240	99	70-130	
Dibromochloromethane	ug/kg	1250	1260	101	70-130	
Dibromomethane	ug/kg	1250	1210	97	70-130	
Dichlorodifluoromethane	ug/kg	1250	1120	90	45-156	
Diisopropyl ether	ug/kg	1250	1130	91	70-130	
Ethylbenzene	ug/kg	1250	1120	90	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1110	89	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1180	94	70-130	
m&p-Xylene	ug/kg	2500	2430	97	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1140	91	70-130	
Methylene Chloride	ug/kg	1250	1220	97	65-130	
n-Butylbenzene	ug/kg	1250	1100	88	67-130	
n-Propylbenzene	ug/kg	1250	1130	90	70-130	
Naphthalene	ug/kg	1250	1120	90	70-130	
o-Xylene	ug/kg	1250	1180	94	70-130	
p-Isopropyltoluene	ug/kg	1250	1120	89	67-130	
sec-Butylbenzene	ug/kg	1250	1090	87	69-130	
Styrene	ug/kg	1250	1250	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92534559

LABORATORY CONTROL SAMPLE: 3238923

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1090	87	67-130	
Tetrachloroethene	ug/kg	1250	1130	91	70-130	
Toluene	ug/kg	1250	1190	95	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1220	98	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1220	98	68-130	
Trichloroethene	ug/kg	1250	1160	92	70-130	
Trichlorofluoromethane	ug/kg	1250	1060	85	70-130	
Vinyl acetate	ug/kg	2500	2690	108	70-130	
Vinyl chloride	ug/kg	1250	1110	89	61-130	
Xylene (Total)	ug/kg	3750	3610	96	70-130	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			107	69-134	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 3238925

Parameter	Units	92534544002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	1070	1310	122	70-131	
1,1,1-Trichloroethane	ug/kg	ND	1070	1250	116	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	1070	ND	0	66-130	M1
1,1,2-Trichloroethane	ug/kg	ND	1070	1290	120	66-133	
1,1-Dichloroethane	ug/kg	ND	1070	1200	112	65-130	
1,1-Dichloroethene	ug/kg	ND	1070	1260	117	10-158	
1,1-Dichloropropene	ug/kg	ND	1070	1270	118	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	1070	1170	109	27-138	
1,2,3-Trichloropropane	ug/kg	ND	1070	1160	108	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	1070	1120	104	51-134	
1,2,4-Trimethylbenzene	ug/kg	176	1070	1390	112	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	1070	1080	101	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	1070	1300	121	70-130	
1,2-Dichlorobenzene	ug/kg	ND	1070	1210	112	69-130	
1,2-Dichloroethane	ug/kg	ND	1070	1280	119	59-130	
1,2-Dichloropropane	ug/kg	ND	1070	1380	128	70-130	
1,3,5-Trimethylbenzene	ug/kg	56.1	1070	1300	116	65-137	
1,3-Dichlorobenzene	ug/kg	ND	1070	1150	107	70-130	
1,3-Dichloropropane	ug/kg	ND	1070	1360	126	70-130	
1,4-Dichlorobenzene	ug/kg	ND	1070	1220	114	68-130	
2,2-Dichloropropane	ug/kg	ND	1070	955	89	32-130	
2-Butanone (MEK)	ug/kg	ND	2150	2510	117	10-136	
2-Chlorotoluene	ug/kg	ND	1070	1280	119	69-141	
2-Hexanone	ug/kg	ND	2150	2380	111	10-144	
4-Chlorotoluene	ug/kg	ND	1070	1230	115	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	2150	2440	113	25-143	
Acetone	ug/kg	ND	2150	1850	86	10-130	
Benzene	ug/kg	ND	1070	1360	127	67-130	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92534559

MATRIX SPIKE SAMPLE:		3238925	92534544002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers	
Bromobenzene	ug/kg	ND	1070	1270	118	70-130		
Bromochloromethane	ug/kg	ND	1070	1220	114	69-134		
Bromodichloromethane	ug/kg	ND	1070	1290	120	64-130		
Bromoform	ug/kg	ND	1070	1230	115	62-130		
Bromomethane	ug/kg	ND	1070	1200	112	20-176		
Carbon tetrachloride	ug/kg	ND	1070	1280	119	65-140		
Chlorobenzene	ug/kg	ND	1070	1300	121	70-130		
Chloroethane	ug/kg	ND	1070	600	56	10-130		
Chloroform	ug/kg	ND	1070	1170	109	63-130		
Chloromethane	ug/kg	ND	1070	1330	124	58-130		
cis-1,2-Dichloroethene	ug/kg	ND	1070	1280	119	66-130		
cis-1,3-Dichloropropene	ug/kg	ND	1070	1280	119	67-130		
Dibromochloromethane	ug/kg	ND	1070	1310	122	67-130		
Dibromomethane	ug/kg	ND	1070	1270	118	63-131		
Dichlorodifluoromethane	ug/kg	ND	1070	1320	123	44-180		
Diisopropyl ether	ug/kg	ND	1070	1160	108	63-130		
Ethylbenzene	ug/kg	14.1	1070	1260	116	66-130		
Hexachloro-1,3-butadiene	ug/kg	ND	1070	973	90	64-150		
Isopropylbenzene (Cumene)	ug/kg	ND	1070	1300	121	69-135		
m&p-Xylene	ug/kg	62.1	2150	2730	124	60-133		
Methyl-tert-butyl ether	ug/kg	ND	1070	1150	107	65-130		
Methylene Chloride	ug/kg	ND	1070	1220	114	61-130		
n-Butylbenzene	ug/kg	23.2	1070	1100	100	65-140		
n-Propylbenzene	ug/kg	13.8	1070	1230	113	67-140		
Naphthalene	ug/kg	71.4	1070	1250	109	15-145		
o-Xylene	ug/kg	39.5	1070	1350	122	66-133		
p-Isopropyltoluene	ug/kg	21.4	1070	1160	106	56-147		
sec-Butylbenzene	ug/kg	ND	1070	1120	104	65-139		
Styrene	ug/kg	ND	1070	1350	125	70-132		
tert-Butylbenzene	ug/kg	ND	1070	1160	108	62-135		
Tetrachloroethene	ug/kg	ND	1070	1280	119	70-135		
Toluene	ug/kg	ND	1070	1340	124	67-130		
trans-1,2-Dichloroethene	ug/kg	ND	1070	1280	119	69-130		
trans-1,3-Dichloropropene	ug/kg	ND	1070	1260	117	62-130		
Trichloroethene	ug/kg	ND	1070	2350	218	70-135 M1		
Trichlorofluoromethane	ug/kg	ND	1070	524	49	10-130		
Vinyl acetate	ug/kg	ND	2150	284	13	53-130 M1		
Vinyl chloride	ug/kg	ND	1070	1250	116	61-148		
Xylene (Total)	ug/kg	102	3230	4080	123	63-132		
1,2-Dichloroethane-d4 (S)	%				118	70-130		
4-Bromofluorobenzene (S)	%				105	69-134		
Toluene-d8 (S)	%				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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92534559

SAMPLE DUPLICATE: 3238924

Parameter	Units	92534544001 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	ND	ND		
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	ND		
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	ND		
Benzene	ug/kg	ND	ND		
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	ND		
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		
Diisopropyl ether	ug/kg	ND	ND		
Ethylbenzene	ug/kg	ND	ND		
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92534559

SAMPLE DUPLICATE: 3238924

Parameter	Units	92534544001 Result	Dup Result	RPD	Qualifiers
m&p-Xylene	ug/kg	ND	ND		
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	ND	ND		
o-Xylene	ug/kg	ND	ND		
p-Isopropyltoluene	ug/kg	ND	ND		
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	ND	ND		
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	ND	ND		
1,2-Dichloroethane-d4 (S)	%	100	102		
4-Bromofluorobenzene (S)	%	105	107		
Toluene-d8 (S)	%	99	100		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92534559

QC Batch: 615570

QC Batch Method: SW-846

Analysis Method: SW-846

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92534559001

SAMPLE DUPLICATE: 3239333

Parameter	Units	92534544001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	8.8	9.9	12	N2

SAMPLE DUPLICATE: 3239334

Parameter	Units	92534572003 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	14.6	15.2	4	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2020-L1-2448

Pace Project No.: 92534559

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448

Pace Project No.: 92534559

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92534559001	MW-87	MADEP VPH	615852	MADEP VPH	615892
92534559001	MW-87	EPA 5035A/5030B	615490	EPA 8260D	615537
92534559001	MW-87	SW-846	615570		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

DOCUMENT NAME:
Sample Condition Upon Receipt(SCUR)

Document No.: F-CAR-CS-033-Rev.07

Issuing Authority:
Pace Carolinas Quality Office

Document Revised: October 28, 2020
Page 2 of 2

*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, LTHg

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

CLIENT: 92-APEx MOOR

PM: RMB

Due Date: 04/29/21

Project MO#: 92534559

[illegible]

pH Adjustment Log for Preserved Samples

4 307

Amount of Preservative

pæppe

Time preservation

Date preservation adjusted

don receipt

Preservative

Sample

Out of hold, incorrect preservative, out of temp, incorrect containers.

May 03, 2021

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

RE: Project: CPC Huntersville/CPC20126
Pace Project No.: 92535726

Dear Andrew Street:

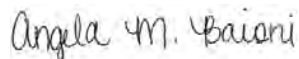
Enclosed are the analytical results for sample(s) received by the laboratory on April 28, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise 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: John Streckner, Apex Companies



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/CPC20126

Pace Project No.: 92535726

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: CPC Huntersville/CPC20126

Pace Project No.: 92535726

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92535726001	MW-88 20-22	MADEP VPH	LMB	7	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92535726002	MW-88 50-52	MADEP VPH	LMB	7	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92535726003	MW-88 52-54	MADEP VPH	LMB	7	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville/CPC20126

Pace Project No.: 92535726

Sample: MW-88 20-22 **Lab ID: 92535726001** Collected: 04/27/21 16:40 Received: 04/28/21 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	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	5.7	1	04/30/21 12:12	05/01/21 03:00		N2
Aliphatic (C05-C08)	ND	mg/kg	5.7	1	04/30/21 12:12	05/01/21 03:00		N2
Aliphatic (C09-C12)	ND	mg/kg	5.7	1	04/30/21 12:12	05/01/21 03:00		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	5.7	1	04/30/21 12:12	05/01/21 03:00		N2
Aromatic (C09-C10)	ND	mg/kg	5.7	1	04/30/21 12:12	05/01/21 03:00		N2
Surrogates								
4-Bromofluorobenzene (FID) (S)	103	%	70-130	1	04/30/21 12:12	05/01/21 03:00	460-00-4	
4-Bromofluorobenzene (PID) (S)	101	%	70-130	1	04/30/21 12:12	05/01/21 03:00	460-00-4	
8260D/5035A/5030B Volatiles								
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	183	1	04/29/21 18:07	04/30/21 05:29	67-64-1	
Benzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	71-43-2	
Bromobenzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	108-86-1	
Bromochloromethane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	74-97-5	
Bromodichloromethane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	75-27-4	
Bromoform	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	75-25-2	
Bromomethane	ND	ug/kg	18.3	1	04/29/21 18:07	04/30/21 05:29	74-83-9	
2-Butanone (MEK)	ND	ug/kg	183	1	04/29/21 18:07	04/30/21 05:29	78-93-3	
n-Butylbenzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	56-23-5	
Chlorobenzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	108-90-7	
Chloroethane	ND	ug/kg	18.3	1	04/29/21 18:07	04/30/21 05:29	75-00-3	
Chloroform	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	67-66-3	
Chloromethane	ND	ug/kg	18.3	1	04/29/21 18:07	04/30/21 05:29	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	96-12-8	
Dibromochloromethane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	106-93-4	
Dibromomethane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	18.3	1	04/29/21 18:07	04/30/21 05:29	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	594-20-7	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville/CPC20126

Pace Project No.: 92535726

Sample: MW-88 20-22 **Lab ID: 92535726001** Collected: 04/27/21 16:40 Received: 04/28/21 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	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	9.2	1	04/29/21 18:07	04/30/21 05:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	10061-02-6	
Diisopropyl ether	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	108-20-3	
Ethylbenzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	18.3	1	04/29/21 18:07	04/30/21 05:29	87-68-3	
2-Hexanone	ND	ug/kg	91.5	1	04/29/21 18:07	04/30/21 05:29	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	99-87-6	
Methylene Chloride	ND	ug/kg	36.6	1	04/29/21 18:07	04/30/21 05:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	91.5	1	04/29/21 18:07	04/30/21 05:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	1634-04-4	
Naphthalene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	91-20-3	
n-Propylbenzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	103-65-1	
Styrene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	79-34-5	
Tetrachloroethene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	127-18-4	
Toluene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	79-00-5	
Trichloroethene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	108-67-8	
Vinyl acetate	ND	ug/kg	91.5	1	04/29/21 18:07	04/30/21 05:29	108-05-4	
Vinyl chloride	ND	ug/kg	18.3	1	04/29/21 18:07	04/30/21 05:29	75-01-4	
Xylene (Total)	ND	ug/kg	18.3	1	04/29/21 18:07	04/30/21 05:29	1330-20-7	
m&p-Xylene	ND	ug/kg	18.3	1	04/29/21 18:07	04/30/21 05:29	179601-23-1	
o-Xylene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:29	95-47-6	
Surrogates								
Toluene-d8 (S)	99	%	70-130	1	04/29/21 18:07	04/30/21 05:29	2037-26-5	
4-Bromofluorobenzene (S)	105	%	69-134	1	04/29/21 18:07	04/30/21 05:29	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1	04/29/21 18:07	04/30/21 05:29	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	15.2	%	0.10	1	04/29/21 14:05	N2
------------------	-------------	---	------	---	----------------	----

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville/CPC20126

Pace Project No.: 92535726

Sample: MW-88 50-52 **Lab ID: 92535726002** Collected: 04/27/21 16:40 Received: 04/28/21 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	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	6.8	1	04/30/21 12:12	05/01/21 03:29		N2
Aliphatic (C05-C08)	ND	mg/kg	6.8	1	04/30/21 12:12	05/01/21 03:29		N2
Aliphatic (C09-C12)	ND	mg/kg	6.8	1	04/30/21 12:12	05/01/21 03:29		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	6.8	1	04/30/21 12:12	05/01/21 03:29		N2
Aromatic (C09-C10)	ND	mg/kg	6.8	1	04/30/21 12:12	05/01/21 03:29		N2
Surrogates								
4-Bromofluorobenzene (FID) (S)	99	%	70-130	1	04/30/21 12:12	05/01/21 03:29	460-00-4	
4-Bromofluorobenzene (PID) (S)	97	%	70-130	1	04/30/21 12:12	05/01/21 03:29	460-00-4	
8260D/5035A/5030B Volatiles								
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	183	1	04/29/21 18:07	04/30/21 05:47	67-64-1	
Benzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	71-43-2	
Bromobenzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	108-86-1	
Bromochloromethane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	74-97-5	
Bromodichloromethane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	75-27-4	
Bromoform	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	75-25-2	
Bromomethane	ND	ug/kg	18.3	1	04/29/21 18:07	04/30/21 05:47	74-83-9	
2-Butanone (MEK)	ND	ug/kg	183	1	04/29/21 18:07	04/30/21 05:47	78-93-3	
n-Butylbenzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	56-23-5	
Chlorobenzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	108-90-7	
Chloroethane	ND	ug/kg	18.3	1	04/29/21 18:07	04/30/21 05:47	75-00-3	
Chloroform	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	67-66-3	
Chloromethane	ND	ug/kg	18.3	1	04/29/21 18:07	04/30/21 05:47	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	96-12-8	
Dibromochloromethane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	106-93-4	
Dibromomethane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	18.3	1	04/29/21 18:07	04/30/21 05:47	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	594-20-7	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville/CPC20126

Pace Project No.: 92535726

Sample: MW-88 50-52 **Lab ID: 92535726002** Collected: 04/27/21 16:40 Received: 04/28/21 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	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	9.2	1	04/29/21 18:07	04/30/21 05:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	10061-02-6	
Diisopropyl ether	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	108-20-3	
Ethylbenzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	18.3	1	04/29/21 18:07	04/30/21 05:47	87-68-3	
2-Hexanone	ND	ug/kg	91.7	1	04/29/21 18:07	04/30/21 05:47	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	99-87-6	
Methylene Chloride	ND	ug/kg	36.7	1	04/29/21 18:07	04/30/21 05:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	91.7	1	04/29/21 18:07	04/30/21 05:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	1634-04-4	
Naphthalene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	91-20-3	
n-Propylbenzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	103-65-1	
Styrene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	79-34-5	
Tetrachloroethene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	127-18-4	
Toluene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	79-00-5	
Trichloroethene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	108-67-8	
Vinyl acetate	ND	ug/kg	91.7	1	04/29/21 18:07	04/30/21 05:47	108-05-4	
Vinyl chloride	ND	ug/kg	18.3	1	04/29/21 18:07	04/30/21 05:47	75-01-4	
Xylene (Total)	ND	ug/kg	18.3	1	04/29/21 18:07	04/30/21 05:47	1330-20-7	
m&p-Xylene	ND	ug/kg	18.3	1	04/29/21 18:07	04/30/21 05:47	179601-23-1	
o-Xylene	ND	ug/kg	9.2	1	04/29/21 18:07	04/30/21 05:47	95-47-6	
Surrogates								
Toluene-d8 (S)	97	%	70-130	1	04/29/21 18:07	04/30/21 05:47	2037-26-5	
4-Bromofluorobenzene (S)	104	%	69-134	1	04/29/21 18:07	04/30/21 05:47	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130	1	04/29/21 18:07	04/30/21 05:47	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	8.4	%	0.10	1	04/29/21 14:05	N2
------------------	------------	---	------	---	----------------	----

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville/CPC20126

Pace Project No.: 92535726

Sample: MW-88 52-54 **Lab ID: 92535726003** Collected: 04/28/21 10:00 Received: 04/28/21 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	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	4.5	1	04/30/21 12:12	05/01/21 03:57		N2
Aliphatic (C05-C08)	ND	mg/kg	4.5	1	04/30/21 12:12	05/01/21 03:57		N2
Aliphatic (C09-C12)	ND	mg/kg	4.5	1	04/30/21 12:12	05/01/21 03:57		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	4.5	1	04/30/21 12:12	05/01/21 03:57		N2
Aromatic (C09-C10)	ND	mg/kg	4.5	1	04/30/21 12:12	05/01/21 03:57		N2
Surrogates								
4-Bromofluorobenzene (FID) (S)	104	%	70-130	1	04/30/21 12:12	05/01/21 03:57	460-00-4	
4-Bromofluorobenzene (PID) (S)	102	%	70-130	1	04/30/21 12:12	05/01/21 03:57	460-00-4	
8260D/5035A/5030B Volatiles								
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	190	1	04/29/21 18:07	04/30/21 06:05	67-64-1	
Benzene	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	71-43-2	
Bromobenzene	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	108-86-1	
Bromochloromethane	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	74-97-5	
Bromodichloromethane	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	75-27-4	
Bromoform	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	75-25-2	
Bromomethane	ND	ug/kg	19.0	1	04/29/21 18:07	04/30/21 06:05	74-83-9	
2-Butanone (MEK)	ND	ug/kg	190	1	04/29/21 18:07	04/30/21 06:05	78-93-3	
n-Butylbenzene	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	56-23-5	
Chlorobenzene	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	108-90-7	
Chloroethane	ND	ug/kg	19.0	1	04/29/21 18:07	04/30/21 06:05	75-00-3	
Chloroform	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	67-66-3	
Chloromethane	ND	ug/kg	19.0	1	04/29/21 18:07	04/30/21 06:05	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	96-12-8	
Dibromochloromethane	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	106-93-4	
Dibromomethane	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	19.0	1	04/29/21 18:07	04/30/21 06:05	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	594-20-7	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville/CPC20126

Pace Project No.: 92535726

Sample: MW-88 52-54 **Lab ID: 92535726003** Collected: 04/28/21 10:00 Received: 04/28/21 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	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	9.5	1	04/29/21 18:07	04/30/21 06:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	10061-02-6	
Diisopropyl ether	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	108-20-3	
Ethylbenzene	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	19.0	1	04/29/21 18:07	04/30/21 06:05	87-68-3	
2-Hexanone	ND	ug/kg	95.0	1	04/29/21 18:07	04/30/21 06:05	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	99-87-6	
Methylene Chloride	ND	ug/kg	38.0	1	04/29/21 18:07	04/30/21 06:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	95.0	1	04/29/21 18:07	04/30/21 06:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	1634-04-4	
Naphthalene	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	91-20-3	
n-Propylbenzene	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	103-65-1	
Styrene	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	79-34-5	
Tetrachloroethene	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	127-18-4	
Toluene	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	79-00-5	
Trichloroethene	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	108-67-8	
Vinyl acetate	ND	ug/kg	95.0	1	04/29/21 18:07	04/30/21 06:05	108-05-4	
Vinyl chloride	ND	ug/kg	19.0	1	04/29/21 18:07	04/30/21 06:05	75-01-4	
Xylene (Total)	ND	ug/kg	19.0	1	04/29/21 18:07	04/30/21 06:05	1330-20-7	
m&p-Xylene	ND	ug/kg	19.0	1	04/29/21 18:07	04/30/21 06:05	179601-23-1	
o-Xylene	ND	ug/kg	9.5	1	04/29/21 18:07	04/30/21 06:05	95-47-6	
Surrogates								
Toluene-d8 (S)	98	%	70-130	1	04/29/21 18:07	04/30/21 06:05	2037-26-5	
4-Bromofluorobenzene (S)	105	%	69-134	1	04/29/21 18:07	04/30/21 06:05	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1	04/29/21 18:07	04/30/21 06:05	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	12.0	%	0.10	1	04/29/21 14:05	N2
------------------	-------------	---	------	---	----------------	----

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville/CPC20126

Pace Project No.: 92535726

QC Batch:	617420	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Soil
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92535726001, 92535726002, 92535726003		

METHOD BLANK: 3248572 Matrix: Solid

Associated Lab Samples: 92535726001, 92535726002, 92535726003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	04/30/21 15:35	N2
Aliphatic (C09-C12)	mg/kg	ND	2.5	04/30/21 15:35	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	04/30/21 15:35	N2
4-Bromofluorobenzene (FID) (S)	%	104	70-130	04/30/21 15:35	
4-Bromofluorobenzene (PID) (S)	%	102	70-130	04/30/21 15:35	

LABORATORY CONTROL SAMPLE & LCSD: 3248573

		3248574								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	15	13.5	13.3	90	89	70-130	1	25	N2
Aliphatic (C09-C12)	mg/kg	15	18.0	17.8	120	119	70-130	1	25	N2
Aromatic (C09-C10)	mg/kg	5	5.4	5.3	109	106	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				101	98	70-130			
4-Bromofluorobenzene (PID) (S)	%				97	94	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville/CPC20126

Pace Project No.: 92535726

QC Batch: 617247

Analysis Method: EPA 8260D

QC Batch Method: EPA 5035A/5030B

Analysis Description: 8260D 5035A 5030B

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92535726001, 92535726002, 92535726003

METHOD BLANK: 3247933

Matrix: Solid

Associated Lab Samples: 92535726001, 92535726002, 92535726003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	04/30/21 04:53	
1,1,1-Trichloroethane	ug/kg	ND	5.0	04/30/21 04:53	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	04/30/21 04:53	
1,1,2-Trichloroethane	ug/kg	ND	5.0	04/30/21 04:53	
1,1-Dichloroethane	ug/kg	ND	5.0	04/30/21 04:53	
1,1-Dichloroethene	ug/kg	ND	5.0	04/30/21 04:53	
1,1-Dichloropropene	ug/kg	ND	5.0	04/30/21 04:53	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	04/30/21 04:53	
1,2,3-Trichloropropane	ug/kg	ND	5.0	04/30/21 04:53	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	04/30/21 04:53	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	04/30/21 04:53	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	04/30/21 04:53	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	04/30/21 04:53	
1,2-Dichlorobenzene	ug/kg	ND	5.0	04/30/21 04:53	
1,2-Dichloroethane	ug/kg	ND	5.0	04/30/21 04:53	
1,2-Dichloropropane	ug/kg	ND	5.0	04/30/21 04:53	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	04/30/21 04:53	
1,3-Dichlorobenzene	ug/kg	ND	5.0	04/30/21 04:53	
1,3-Dichloropropane	ug/kg	ND	5.0	04/30/21 04:53	
1,4-Dichlorobenzene	ug/kg	ND	5.0	04/30/21 04:53	
2,2-Dichloropropane	ug/kg	ND	5.0	04/30/21 04:53	
2-Butanone (MEK)	ug/kg	ND	100	04/30/21 04:53	
2-Chlorotoluene	ug/kg	ND	5.0	04/30/21 04:53	
2-Hexanone	ug/kg	ND	50.0	04/30/21 04:53	
4-Chlorotoluene	ug/kg	ND	5.0	04/30/21 04:53	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	04/30/21 04:53	
Acetone	ug/kg	ND	100	04/30/21 04:53	
Benzene	ug/kg	ND	5.0	04/30/21 04:53	
Bromobenzene	ug/kg	ND	5.0	04/30/21 04:53	
Bromochloromethane	ug/kg	ND	5.0	04/30/21 04:53	
Bromodichloromethane	ug/kg	ND	5.0	04/30/21 04:53	
Bromoform	ug/kg	ND	5.0	04/30/21 04:53	
Bromomethane	ug/kg	ND	10.0	04/30/21 04:53	
Carbon tetrachloride	ug/kg	ND	5.0	04/30/21 04:53	
Chlorobenzene	ug/kg	ND	5.0	04/30/21 04:53	
Chloroethane	ug/kg	ND	10.0	04/30/21 04:53	
Chloroform	ug/kg	ND	5.0	04/30/21 04:53	
Chloromethane	ug/kg	ND	10.0	04/30/21 04:53	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	04/30/21 04:53	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	04/30/21 04:53	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville/CPC20126

Pace Project No.: 92535726

METHOD BLANK: 3247933

Matrix: Solid

Associated Lab Samples: 92535726001, 92535726002, 92535726003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	04/30/21 04:53	
Dibromomethane	ug/kg	ND	5.0	04/30/21 04:53	
Dichlorodifluoromethane	ug/kg	ND	10.0	04/30/21 04:53	
Diisopropyl ether	ug/kg	ND	5.0	04/30/21 04:53	
Ethylbenzene	ug/kg	ND	5.0	04/30/21 04:53	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	04/30/21 04:53	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	04/30/21 04:53	
m&p-Xylene	ug/kg	ND	10.0	04/30/21 04:53	
Methyl-tert-butyl ether	ug/kg	ND	5.0	04/30/21 04:53	
Methylene Chloride	ug/kg	ND	20.0	04/30/21 04:53	
n-Butylbenzene	ug/kg	ND	5.0	04/30/21 04:53	
n-Propylbenzene	ug/kg	ND	5.0	04/30/21 04:53	
Naphthalene	ug/kg	ND	5.0	04/30/21 04:53	
o-Xylene	ug/kg	ND	5.0	04/30/21 04:53	
p-Isopropyltoluene	ug/kg	ND	5.0	04/30/21 04:53	
sec-Butylbenzene	ug/kg	ND	5.0	04/30/21 04:53	
Styrene	ug/kg	ND	5.0	04/30/21 04:53	
tert-Butylbenzene	ug/kg	ND	5.0	04/30/21 04:53	
Tetrachloroethene	ug/kg	ND	5.0	04/30/21 04:53	
Toluene	ug/kg	ND	5.0	04/30/21 04:53	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	04/30/21 04:53	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	04/30/21 04:53	
Trichloroethene	ug/kg	ND	5.0	04/30/21 04:53	
Trichlorofluoromethane	ug/kg	ND	5.0	04/30/21 04:53	
Vinyl acetate	ug/kg	ND	50.0	04/30/21 04:53	
Vinyl chloride	ug/kg	ND	10.0	04/30/21 04:53	
Xylene (Total)	ug/kg	ND	10.0	04/30/21 04:53	
1,2-Dichloroethane-d4 (S)	%	102	70-130	04/30/21 04:53	
4-Bromofluorobenzene (S)	%	105	69-134	04/30/21 04:53	
Toluene-d8 (S)	%	97	70-130	04/30/21 04:53	

LABORATORY CONTROL SAMPLE: 3247934

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1190	96	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1130	90	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1150	92	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1160	92	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	1130	90	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1100	88	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1150	92	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1080	86	68-130	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville/CPC20126

Pace Project No.: 92535726

LABORATORY CONTROL SAMPLE: 3247934

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1120	90	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1120	90	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1240	99	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1140	91	70-130	
1,2-Dichloroethane	ug/kg	1250	1160	92	63-130	
1,2-Dichloropropane	ug/kg	1250	1150	92	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1130	90	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1100	88	70-130	
1,3-Dichloropropane	ug/kg	1250	1250	100	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1110	89	70-130	
2,2-Dichloropropane	ug/kg	1250	1020	82	66-130	
2-Butanone (MEK)	ug/kg	2500	2210	88	70-130	
2-Chlorotoluene	ug/kg	1250	1180	95	70-130	
2-Hexanone	ug/kg	2500	2400	96	70-130	
4-Chlorotoluene	ug/kg	1250	1130	91	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2290	92	70-130	
Acetone	ug/kg	2500	2340	94	69-130	
Benzene	ug/kg	1250	1180	95	70-130	
Bromobenzene	ug/kg	1250	1160	93	70-130	
Bromochloromethane	ug/kg	1250	1210	97	70-130	
Bromodichloromethane	ug/kg	1250	1080	87	69-130	
Bromoform	ug/kg	1250	1220	98	70-130	
Bromomethane	ug/kg	1250	1040	83	52-130	
Carbon tetrachloride	ug/kg	1250	1140	92	70-130	
Chlorobenzene	ug/kg	1250	1150	92	70-130	
Chloroethane	ug/kg	1250	1060	85	65-130	
Chloroform	ug/kg	1250	1060	85	70-130	
Chloromethane	ug/kg	1250	1040	83	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1130	91	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1160	93	70-130	
Dibromochloromethane	ug/kg	1250	1280	102	70-130	
Dibromomethane	ug/kg	1250	1210	97	70-130	
Dichlorodifluoromethane	ug/kg	1250	1240	99	45-156	
Diisopropyl ether	ug/kg	1250	1070	85	70-130	
Ethylbenzene	ug/kg	1250	1080	87	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1080	86	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1130	90	70-130	
m&p-Xylene	ug/kg	2500	2330	93	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1110	89	70-130	
Methylene Chloride	ug/kg	1250	1150	92	65-130	
n-Butylbenzene	ug/kg	1250	1070	86	67-130	
n-Propylbenzene	ug/kg	1250	1080	86	70-130	
Naphthalene	ug/kg	1250	1100	88	70-130	
o-Xylene	ug/kg	1250	1140	91	70-130	
p-Isopropyltoluene	ug/kg	1250	1130	90	67-130	
sec-Butylbenzene	ug/kg	1250	1090	87	69-130	
Styrene	ug/kg	1250	1220	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville/CPC20126

Pace Project No.: 92535726

LABORATORY CONTROL SAMPLE: 3247934

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1090	87	67-130	
Tetrachloroethene	ug/kg	1250	1110	89	70-130	
Toluene	ug/kg	1250	1130	90	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1150	92	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1150	92	68-130	
Trichloroethene	ug/kg	1250	1150	92	70-130	
Trichlorofluoromethane	ug/kg	1250	1100	88	70-130	
Vinyl acetate	ug/kg	2500	2520	101	70-130	
Vinyl chloride	ug/kg	1250	1030	83	61-130	
Xylene (Total)	ug/kg	3750	3470	93	70-130	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			103	69-134	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE SAMPLE: 3247936

Parameter	Units	92535523002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	728	668	92	70-131	
1,1,1-Trichloroethane	ug/kg	ND	728	642	88	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	728	610	84	66-130	
1,1,2-Trichloroethane	ug/kg	ND	728	644	88	66-133	
1,1-Dichloroethane	ug/kg	ND	728	610	84	65-130	
1,1-Dichloroethene	ug/kg	ND	728	656	90	10-158	
1,1-Dichloropropene	ug/kg	ND	728	635	87	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	728	675	93	27-138	
1,2,3-Trichloropropane	ug/kg	ND	728	606	83	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	728	663	91	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	728	655	90	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	728	529	73	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	728	674	93	70-130	
1,2-Dichlorobenzene	ug/kg	ND	728	643	88	69-130	
1,2-Dichloroethane	ug/kg	ND	728	656	90	59-130	
1,2-Dichloropropane	ug/kg	ND	728	670	92	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	728	662	91	65-137	
1,3-Dichlorobenzene	ug/kg	ND	728	623	85	70-130	
1,3-Dichloropropane	ug/kg	ND	728	705	97	70-130	
1,4-Dichlorobenzene	ug/kg	ND	728	613	84	68-130	
2,2-Dichloropropane	ug/kg	ND	728	560	77	32-130	
2-Butanone (MEK)	ug/kg	ND	1450	1090	75	10-136	
2-Chlorotoluene	ug/kg	ND	728	663	91	69-141	
2-Hexanone	ug/kg	ND	1450	1170	81	10-144	
4-Chlorotoluene	ug/kg	ND	728	653	90	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1450	1160	80	25-143	
Acetone	ug/kg	ND	1450	990	68	10-130	
Benzene	ug/kg	ND	728	682	94	67-130	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville/CPC20126

Pace Project No.: 92535726

MATRIX SPIKE SAMPLE:		3247936					
Parameter	Units	92535523002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromobenzene	ug/kg	ND	728	643	88	70-130	
Bromochloromethane	ug/kg	ND	728	641	88	69-134	
Bromodichloromethane	ug/kg	ND	728	599	82	64-130	
Bromoform	ug/kg	ND	728	606	83	62-130	
Bromomethane	ug/kg	ND	728	640	88	20-176	
Carbon tetrachloride	ug/kg	ND	728	641	88	65-140	
Chlorobenzene	ug/kg	ND	728	666	91	70-130	
Chloroethane	ug/kg	ND	728	310	43	10-130	
Chloroform	ug/kg	ND	728	586	80	63-130	
Chloromethane	ug/kg	ND	728	680	93	58-130	
cis-1,2-Dichloroethene	ug/kg	ND	728	634	87	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	728	644	88	67-130	
Dibromochloromethane	ug/kg	ND	728	678	93	67-130	
Dibromomethane	ug/kg	ND	728	673	92	63-131	
Dichlorodifluoromethane	ug/kg	ND	728	746	102	44-180	
Diisopropyl ether	ug/kg	ND	728	571	78	63-130	
Ethylbenzene	ug/kg	ND	728	628	86	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	728	751	103	64-150	
Isopropylbenzene (Cumene)	ug/kg	ND	728	686	94	69-135	
m&p-Xylene	ug/kg	ND	1450	1340	92	60-133	
Methyl-tert-butyl ether	ug/kg	ND	728	588	81	65-130	
Methylene Chloride	ug/kg	ND	728	641	88	61-130	
n-Butylbenzene	ug/kg	ND	728	665	91	65-140	
n-Propylbenzene	ug/kg	ND	728	656	90	67-140	
Naphthalene	ug/kg	ND	728	611	84	15-145	
o-Xylene	ug/kg	ND	728	666	91	66-133	
p-Isopropyltoluene	ug/kg	ND	728	698	96	56-147	
sec-Butylbenzene	ug/kg	ND	728	689	95	65-139	
Styrene	ug/kg	ND	728	668	92	70-132	
tert-Butylbenzene	ug/kg	ND	728	665	91	62-135	
Tetrachloroethene	ug/kg	ND	728	631	87	70-135	
Toluene	ug/kg	ND	728	656	90	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	728	629	86	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	728	631	87	62-130	
Trichloroethene	ug/kg	ND	728	657	90	70-135	
Trichlorofluoromethane	ug/kg	ND	728	309	42	10-130	
Vinyl acetate	ug/kg	ND	1450	1280	88	53-130	
Vinyl chloride	ug/kg	ND	728	653	90	61-148	
Xylene (Total)	ug/kg	ND	2190	2010	92	63-132	
1,2-Dichloroethane-d4 (S)	%				116	70-130	
4-Bromofluorobenzene (S)	%				105	69-134	
Toluene-d8 (S)	%				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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville/CPC20126

Pace Project No.: 92535726

SAMPLE DUPLICATE: 3247935

Parameter	Units	92535523001 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	ND	ND		
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	ND		
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	ND		
Benzene	ug/kg	ND	ND		
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	ND		
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		
Diisopropyl ether	ug/kg	ND	ND		
Ethylbenzene	ug/kg	ND	ND		
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville/CPC20126

Pace Project No.: 92535726

SAMPLE DUPLICATE: 3247935

Parameter	Units	92535523001 Result	Dup Result	RPD	Qualifiers
m&p-Xylene	ug/kg	ND	ND		
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	ND	ND		
o-Xylene	ug/kg	ND	ND		
p-Isopropyltoluene	ug/kg	ND	ND		
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	ND	ND		
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	ND	ND		
1,2-Dichloroethane-d4 (S)	%	100	101		
4-Bromofluorobenzene (S)	%	105	105		
Toluene-d8 (S)	%	99	99		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville/CPC20126

Pace Project No.: 92535726

QC Batch: 617165

Analysis Method: SW-846

QC Batch Method: SW-846

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92535726001, 92535726002, 92535726003

SAMPLE DUPLICATE: 3247339

Parameter	Units	92535640001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	1.6	1.6	1	N2

SAMPLE DUPLICATE: 3247340

Parameter	Units	92535729007 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	7.2	7.3	2	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: CPC Huntersville/CPC20126

Pace Project No.: 92535726

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville/CPC20126

Pace Project No.: 92535726

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92535726001	MW-88 20-22	MADEP VPH	617420	MADEP VPH	617537
92535726002	MW-88 50-52	MADEP VPH	617420	MADEP VPH	617537
92535726003	MW-88 52-54	MADEP VPH	617420	MADEP VPH	617537
92535726001	MW-88 20-22	EPA 5035A/5030B	617247	EPA 8260D	617357
92535726002	MW-88 50-52	EPA 5035A/5030B	617247	EPA 8260D	617357
92535726003	MW-88 52-54	EPA 5035A/5030B	617247	EPA 8260D	617357
92535726001	MW-88 20-22	SW-846	617165		
92535726002	MW-88 50-52	SW-846	617165		
92535726003	MW-88 52-54	SW-846	617165		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



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# : 92535726

PM: AMB

Due Date: 05/05/21

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 Na2SO3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-503S 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																												
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.

May 06, 2021

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

RE: Project: CPC HUNTERSVILLE/ CPC20126
Pace Project No.: 92536024

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on April 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: John Streckner, Apex Companies



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/ CPC20126

Pace Project No.: 92536024

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: CPC HUNTERSVILLE/ CPC20126

Pace Project No.: 92536024

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92536024001	MW-89 38-40	Solid	04/29/21 13:40	04/29/21 17:17
92536024002	MW-89 50-52	Solid	04/29/21 13:45	04/29/21 17:17
92536024003	MW-89 52-54	Solid	04/29/21 13:50	04/29/21 17:17

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE/ CPC20126

Pace Project No.: 92536024

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92536024001	MW-89 38-40	MADEP VPH	LMB	7
		EPA 8260D	LMB	70
		SW-846	KDF	1
92536024002	MW-89 50-52	MADEP VPH	LMB	7
		EPA 8260D	LMB	70
		SW-846	KDF	1
92536024003	MW-89 52-54	MADEP VPH	LMB	7
		EPA 8260D	LMB	70
		SW-846	KDF	1

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/ CPC20126

Pace Project No.: 92536024

Sample: MW-89 38-40 **Lab ID: 92536024001** Collected: 04/29/21 13:40 Received: 04/29/21 17:17 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)	ND	mg/kg	4.6	1	05/05/21 17:02	05/06/21 05:41		N2
Aliphatic (C05-C08)	ND	mg/kg	4.6	1	05/05/21 17:02	05/06/21 05:41		N2
Aliphatic (C09-C12)	ND	mg/kg	4.6	1	05/05/21 17:02	05/06/21 05:41		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	4.6	1	05/05/21 17:02	05/06/21 05:41		N2
Aromatic (C09-C10)	ND	mg/kg	4.6	1	05/05/21 17:02	05/06/21 05:41		N2
Surrogates								
4-Bromofluorobenzene (FID) (S)	102	%	70-130	1	05/05/21 17:02	05/06/21 05:41	460-00-4	
4-Bromofluorobenzene (PID) (S)	106	%	70-130	1	05/05/21 17:02	05/06/21 05:41	460-00-4	
8260D/5035A/5030B Volatiles								
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	184	1	05/03/21 15:52	05/03/21 17:45	67-64-1	
Benzene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	71-43-2	
Bromobenzene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	108-86-1	
Bromochloromethane	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	74-97-5	
Bromodichloromethane	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	75-27-4	
Bromoform	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	75-25-2	
Bromomethane	ND	ug/kg	18.4	1	05/03/21 15:52	05/03/21 17:45	74-83-9	
2-Butanone (MEK)	ND	ug/kg	184	1	05/03/21 15:52	05/03/21 17:45	78-93-3	
n-Butylbenzene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	56-23-5	
Chlorobenzene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	108-90-7	
Chloroethane	ND	ug/kg	18.4	1	05/03/21 15:52	05/03/21 17:45	75-00-3	
Chloroform	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	67-66-3	
Chloromethane	ND	ug/kg	18.4	1	05/03/21 15:52	05/03/21 17:45	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	96-12-8	
Dibromochloromethane	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	106-93-4	
Dibromomethane	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	18.4	1	05/03/21 15:52	05/03/21 17:45	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	594-20-7	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/ CPC20126

Pace Project No.: 92536024

Sample: MW-89 38-40 **Lab ID: 92536024001** Collected: 04/29/21 13:40 Received: 04/29/21 17:17 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						
1,1-Dichloropropene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	10061-02-6	
Diisopropyl ether	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	108-20-3	
Ethylbenzene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	18.4	1	05/03/21 15:52	05/03/21 17:45	87-68-3	
2-Hexanone	ND	ug/kg	92.2	1	05/03/21 15:52	05/03/21 17:45	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	99-87-6	
Methylene Chloride	ND	ug/kg	36.9	1	05/03/21 15:52	05/03/21 17:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	92.2	1	05/03/21 15:52	05/03/21 17:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	1634-04-4	
Naphthalene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	91-20-3	
n-Propylbenzene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	103-65-1	
Styrene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	79-34-5	
Tetrachloroethene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	127-18-4	
Toluene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	79-00-5	
Trichloroethene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	108-67-8	
Vinyl acetate	ND	ug/kg	92.2	1	05/03/21 15:52	05/03/21 17:45	108-05-4	
Vinyl chloride	ND	ug/kg	18.4	1	05/03/21 15:52	05/03/21 17:45	75-01-4	
Xylene (Total)	ND	ug/kg	18.4	1	05/03/21 15:52	05/03/21 17:45	1330-20-7	
m&p-Xylene	ND	ug/kg	18.4	1	05/03/21 15:52	05/03/21 17:45	179601-23-1	
o-Xylene	ND	ug/kg	9.2	1	05/03/21 15:52	05/03/21 17:45	95-47-6	
Surrogates								
Toluene-d8 (S)	99	%	70-130	1	05/03/21 15:52	05/03/21 17:45	2037-26-5	
4-Bromofluorobenzene (S)	104	%	69-134	1	05/03/21 15:52	05/03/21 17:45	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1	05/03/21 15:52	05/03/21 17:45	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	8.2	%	0.10	1		04/30/21 15:41		N2
------------------	-----	---	------	---	--	----------------	--	----

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/ CPC20126

Pace Project No.: 92536024

Sample: MW-89 50-52 **Lab ID: 92536024002** Collected: 04/29/21 13:45 Received: 04/29/21 17:17 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)	ND	mg/kg	4.1	1	05/04/21 18:15	05/04/21 19:58		N2
Aliphatic (C05-C08)	ND	mg/kg	4.1	1	05/04/21 18:15	05/04/21 19:58		N2
Aliphatic (C09-C12)	ND	mg/kg	4.1	1	05/04/21 18:15	05/04/21 19:58		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	4.1	1	05/04/21 18:15	05/04/21 19:58		N2
Aromatic (C09-C10)	ND	mg/kg	4.1	1	05/04/21 18:15	05/04/21 19:58		N2
Surrogates								
4-Bromofluorobenzene (FID) (S)	103	%	70-130	1	05/04/21 18:15	05/04/21 19:58	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130	1	05/04/21 18:15	05/04/21 19:58	460-00-4	
8260D/5035A/5030B Volatiles								
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	177	1	05/03/21 15:52	05/03/21 18:03	67-64-1	
Benzene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	71-43-2	
Bromobenzene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	108-86-1	
Bromochloromethane	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	74-97-5	
Bromodichloromethane	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	75-27-4	
Bromoform	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	75-25-2	
Bromomethane	ND	ug/kg	17.7	1	05/03/21 15:52	05/03/21 18:03	74-83-9	
2-Butanone (MEK)	ND	ug/kg	177	1	05/03/21 15:52	05/03/21 18:03	78-93-3	
n-Butylbenzene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	104-51-8	
sec-Butylbenzene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	135-98-8	
tert-Butylbenzene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	98-06-6	
Carbon tetrachloride	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	56-23-5	
Chlorobenzene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	108-90-7	
Chloroethane	ND	ug/kg	17.7	1	05/03/21 15:52	05/03/21 18:03	75-00-3	
Chloroform	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	67-66-3	
Chloromethane	ND	ug/kg	17.7	1	05/03/21 15:52	05/03/21 18:03	74-87-3	
2-Chlorotoluene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	95-49-8	
4-Chlorotoluene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	96-12-8	
Dibromochloromethane	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	106-93-4	
Dibromomethane	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	17.7	1	05/03/21 15:52	05/03/21 18:03	75-71-8	
1,1-Dichloroethane	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	75-34-3	
1,2-Dichloroethane	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	107-06-2	
1,1-Dichloroethene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	78-87-5	
1,3-Dichloropropane	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	594-20-7	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/ CPC20126

Pace Project No.: 92536024

Sample: MW-89 50-52 **Lab ID: 92536024002** Collected: 04/29/21 13:45 Received: 04/29/21 17:17 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						
1,1-Dichloropropene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	10061-02-6	
Diisopropyl ether	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	108-20-3	
Ethylbenzene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	17.7	1	05/03/21 15:52	05/03/21 18:03	87-68-3	
2-Hexanone	ND	ug/kg	88.7	1	05/03/21 15:52	05/03/21 18:03	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	98-82-8	
p-Isopropyltoluene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	99-87-6	
Methylene Chloride	ND	ug/kg	35.5	1	05/03/21 15:52	05/03/21 18:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	88.7	1	05/03/21 15:52	05/03/21 18:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	1634-04-4	
Naphthalene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	91-20-3	
n-Propylbenzene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	103-65-1	
Styrene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	79-34-5	
Tetrachloroethene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	127-18-4	
Toluene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	79-00-5	
Trichloroethene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	108-67-8	
Vinyl acetate	ND	ug/kg	88.7	1	05/03/21 15:52	05/03/21 18:03	108-05-4	
Vinyl chloride	ND	ug/kg	17.7	1	05/03/21 15:52	05/03/21 18:03	75-01-4	
Xylene (Total)	ND	ug/kg	17.7	1	05/03/21 15:52	05/03/21 18:03	1330-20-7	
m&p-Xylene	ND	ug/kg	17.7	1	05/03/21 15:52	05/03/21 18:03	179601-23-1	
o-Xylene	ND	ug/kg	8.9	1	05/03/21 15:52	05/03/21 18:03	95-47-6	
Surrogates								
Toluene-d8 (S)	100	%	70-130	1	05/03/21 15:52	05/03/21 18:03	2037-26-5	
4-Bromofluorobenzene (S)	104	%	69-134	1	05/03/21 15:52	05/03/21 18:03	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130	1	05/03/21 15:52	05/03/21 18:03	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	6.4	%	0.10	1		04/30/21 15:41		N2
------------------	------------	---	------	---	--	----------------	--	----

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/ CPC20126

Pace Project No.: 92536024

Sample: MW-89 52-54 **Lab ID: 92536024003** Collected: 04/29/21 13:50 Received: 04/29/21 17:17 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)	ND	mg/kg	4.3	1	05/04/21 18:15	05/04/21 20:26		N2
Aliphatic (C05-C08)	ND	mg/kg	4.3	1	05/04/21 18:15	05/04/21 20:26		N2
Aliphatic (C09-C12)	ND	mg/kg	4.3	1	05/04/21 18:15	05/04/21 20:26		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	4.3	1	05/04/21 18:15	05/04/21 20:26		N2
Aromatic (C09-C10)	ND	mg/kg	4.3	1	05/04/21 18:15	05/04/21 20:26		N2
Surrogates								
4-Bromofluorobenzene (FID) (S)	99	%	70-130	1	05/04/21 18:15	05/04/21 20:26	460-00-4	
4-Bromofluorobenzene (PID) (S)	101	%	70-130	1	05/04/21 18:15	05/04/21 20:26	460-00-4	
8260D/5035A/5030B Volatiles								
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	163	1	05/03/21 15:52	05/03/21 18:22	67-64-1	
Benzene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	71-43-2	
Bromobenzene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	108-86-1	
Bromochloromethane	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	74-97-5	
Bromodichloromethane	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	75-27-4	
Bromoform	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	75-25-2	
Bromomethane	ND	ug/kg	16.3	1	05/03/21 15:52	05/03/21 18:22	74-83-9	
2-Butanone (MEK)	ND	ug/kg	163	1	05/03/21 15:52	05/03/21 18:22	78-93-3	
n-Butylbenzene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	104-51-8	
sec-Butylbenzene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	135-98-8	
tert-Butylbenzene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	98-06-6	
Carbon tetrachloride	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	56-23-5	
Chlorobenzene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	108-90-7	
Chloroethane	ND	ug/kg	16.3	1	05/03/21 15:52	05/03/21 18:22	75-00-3	
Chloroform	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	67-66-3	
Chloromethane	ND	ug/kg	16.3	1	05/03/21 15:52	05/03/21 18:22	74-87-3	
2-Chlorotoluene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	95-49-8	
4-Chlorotoluene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	96-12-8	
Dibromochloromethane	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	106-93-4	
Dibromomethane	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	16.3	1	05/03/21 15:52	05/03/21 18:22	75-71-8	
1,1-Dichloroethane	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	75-34-3	
1,2-Dichloroethane	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	107-06-2	
1,1-Dichloroethene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	78-87-5	
1,3-Dichloropropane	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	594-20-7	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/ CPC20126

Pace Project No.: 92536024

Sample: MW-89 52-54 **Lab ID: 92536024003** Collected: 04/29/21 13:50 Received: 04/29/21 17:17 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						
1,1-Dichloropropene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	10061-02-6	
Diisopropyl ether	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	108-20-3	
Ethylbenzene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	16.3	1	05/03/21 15:52	05/03/21 18:22	87-68-3	
2-Hexanone	ND	ug/kg	81.7	1	05/03/21 15:52	05/03/21 18:22	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	98-82-8	
p-Isopropyltoluene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	99-87-6	
Methylene Chloride	ND	ug/kg	32.7	1	05/03/21 15:52	05/03/21 18:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	81.7	1	05/03/21 15:52	05/03/21 18:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	1634-04-4	
Naphthalene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	91-20-3	
n-Propylbenzene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	103-65-1	
Styrene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	79-34-5	
Tetrachloroethene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	127-18-4	
Toluene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	79-00-5	
Trichloroethene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	108-67-8	
Vinyl acetate	ND	ug/kg	81.7	1	05/03/21 15:52	05/03/21 18:22	108-05-4	
Vinyl chloride	ND	ug/kg	16.3	1	05/03/21 15:52	05/03/21 18:22	75-01-4	
Xylene (Total)	ND	ug/kg	16.3	1	05/03/21 15:52	05/03/21 18:22	1330-20-7	
m&p-Xylene	ND	ug/kg	16.3	1	05/03/21 15:52	05/03/21 18:22	179601-23-1	
o-Xylene	ND	ug/kg	8.2	1	05/03/21 15:52	05/03/21 18:22	95-47-6	
Surrogates								
Toluene-d8 (S)	99	%	70-130	1	05/03/21 15:52	05/03/21 18:22	2037-26-5	
4-Bromofluorobenzene (S)	103	%	69-134	1	05/03/21 15:52	05/03/21 18:22	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1	05/03/21 15:52	05/03/21 18:22	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	5.4	%	0.10	1		04/30/21 15:41		N2
------------------	-----	---	------	---	--	----------------	--	----

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/ CPC20126

Pace Project No.: 92536024

QC Batch: 617905

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Soil

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92536024002, 92536024003

METHOD BLANK: 3251154

Matrix: Solid

Associated Lab Samples: 92536024002, 92536024003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	05/04/21 18:04	N2
Aliphatic (C09-C12)	mg/kg	ND	2.5	05/04/21 18:04	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	05/04/21 18:04	N2
4-Bromofluorobenzene (FID) (S)	%	100	70-130	05/04/21 18:04	
4-Bromofluorobenzene (PID) (S)	%	102	70-130	05/04/21 18:04	

LABORATORY CONTROL SAMPLE & LCSD: 3251155

3251156

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	17.3	16.3	115	108	70-130	6	25	N2
Aliphatic (C09-C12)	mg/kg	15.1	16.4	17.2	109	114	70-130	5	25	N2
Aromatic (C09-C10)	mg/kg	5	5.4	5.3	107	106	70-130	1	25	N2
4-Bromofluorobenzene (FID) (S)	%				103	104	70-130			
4-Bromofluorobenzene (PID) (S)	%				102	104	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/ CPC20126

Pace Project No.: 92536024

QC Batch:	618520	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Soil
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92536024001

METHOD BLANK: 3254475 Matrix: Solid

Associated Lab Samples: 92536024001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	05/06/21 05:13	N2
Aliphatic (C09-C12)	mg/kg	ND	2.5	05/06/21 05:13	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	05/06/21 05:13	N2
4-Bromofluorobenzene (FID) (S)	%	103	70-130	05/06/21 05:13	
4-Bromofluorobenzene (PID) (S)	%	106	70-130	05/06/21 05:13	

LABORATORY CONTROL SAMPLE & LCSD: 3254476

		3254477								
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	16.4	16.7	109	111	70-130	2	25	N2
Aliphatic (C09-C12)	mg/kg	15.1	12.9	13.0	86	86	70-130	1	25	N2
Aromatic (C09-C10)	mg/kg	5	5.5	5.5	109	109	70-130	0	25	N2
4-Bromofluorobenzene (FID) (S)	%				99	98	70-130			
4-Bromofluorobenzene (PID) (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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/ CPC20126

Pace Project No.: 92536024

QC Batch: 617784

Analysis Method: EPA 8260D

QC Batch Method: EPA 5035A/5030B

Analysis Description: 8260D 5035A 5030B

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92536024001, 92536024002, 92536024003

METHOD BLANK: 3250337

Matrix: Solid

Associated Lab Samples: 92536024001, 92536024002, 92536024003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	05/03/21 13:14	
1,1,1-Trichloroethane	ug/kg	ND	5.0	05/03/21 13:14	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	05/03/21 13:14	
1,1,2-Trichloroethane	ug/kg	ND	5.0	05/03/21 13:14	
1,1-Dichloroethane	ug/kg	ND	5.0	05/03/21 13:14	
1,1-Dichloroethene	ug/kg	ND	5.0	05/03/21 13:14	
1,1-Dichloropropene	ug/kg	ND	5.0	05/03/21 13:14	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	05/03/21 13:14	
1,2,3-Trichloropropane	ug/kg	ND	5.0	05/03/21 13:14	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	05/03/21 13:14	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	05/03/21 13:14	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	05/03/21 13:14	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	05/03/21 13:14	
1,2-Dichlorobenzene	ug/kg	ND	5.0	05/03/21 13:14	
1,2-Dichloroethane	ug/kg	ND	5.0	05/03/21 13:14	
1,2-Dichloropropane	ug/kg	ND	5.0	05/03/21 13:14	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	05/03/21 13:14	
1,3-Dichlorobenzene	ug/kg	ND	5.0	05/03/21 13:14	
1,3-Dichloropropane	ug/kg	ND	5.0	05/03/21 13:14	
1,4-Dichlorobenzene	ug/kg	ND	5.0	05/03/21 13:14	
2,2-Dichloropropane	ug/kg	ND	5.0	05/03/21 13:14	
2-Butanone (MEK)	ug/kg	ND	100	05/03/21 13:14	
2-Chlorotoluene	ug/kg	ND	5.0	05/03/21 13:14	
2-Hexanone	ug/kg	ND	50.0	05/03/21 13:14	
4-Chlorotoluene	ug/kg	ND	5.0	05/03/21 13:14	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	05/03/21 13:14	
Acetone	ug/kg	ND	100	05/03/21 13:14	
Benzene	ug/kg	ND	5.0	05/03/21 13:14	
Bromobenzene	ug/kg	ND	5.0	05/03/21 13:14	
Bromochloromethane	ug/kg	ND	5.0	05/03/21 13:14	
Bromodichloromethane	ug/kg	ND	5.0	05/03/21 13:14	
Bromoform	ug/kg	ND	5.0	05/03/21 13:14	
Bromomethane	ug/kg	ND	10.0	05/03/21 13:14	
Carbon tetrachloride	ug/kg	ND	5.0	05/03/21 13:14	
Chlorobenzene	ug/kg	ND	5.0	05/03/21 13:14	
Chloroethane	ug/kg	ND	10.0	05/03/21 13:14	
Chloroform	ug/kg	ND	5.0	05/03/21 13:14	
Chloromethane	ug/kg	ND	10.0	05/03/21 13:14	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	05/03/21 13:14	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	05/03/21 13:14	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/ CPC20126

Pace Project No.: 92536024

METHOD BLANK: 3250337

Matrix: Solid

Associated Lab Samples: 92536024001, 92536024002, 92536024003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	05/03/21 13:14	
Dibromomethane	ug/kg	ND	5.0	05/03/21 13:14	
Dichlorodifluoromethane	ug/kg	ND	10.0	05/03/21 13:14	
Diisopropyl ether	ug/kg	ND	5.0	05/03/21 13:14	
Ethylbenzene	ug/kg	ND	5.0	05/03/21 13:14	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	05/03/21 13:14	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	05/03/21 13:14	
m&p-Xylene	ug/kg	ND	10.0	05/03/21 13:14	
Methyl-tert-butyl ether	ug/kg	ND	5.0	05/03/21 13:14	
Methylene Chloride	ug/kg	ND	20.0	05/03/21 13:14	
n-Butylbenzene	ug/kg	ND	5.0	05/03/21 13:14	
n-Propylbenzene	ug/kg	ND	5.0	05/03/21 13:14	
Naphthalene	ug/kg	ND	5.0	05/03/21 13:14	
o-Xylene	ug/kg	ND	5.0	05/03/21 13:14	
p-Isopropyltoluene	ug/kg	ND	5.0	05/03/21 13:14	
sec-Butylbenzene	ug/kg	ND	5.0	05/03/21 13:14	
Styrene	ug/kg	ND	5.0	05/03/21 13:14	
tert-Butylbenzene	ug/kg	ND	5.0	05/03/21 13:14	
Tetrachloroethene	ug/kg	ND	5.0	05/03/21 13:14	
Toluene	ug/kg	ND	5.0	05/03/21 13:14	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	05/03/21 13:14	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	05/03/21 13:14	
Trichloroethene	ug/kg	ND	5.0	05/03/21 13:14	
Trichlorofluoromethane	ug/kg	ND	5.0	05/03/21 13:14	
Vinyl acetate	ug/kg	ND	50.0	05/03/21 13:14	
Vinyl chloride	ug/kg	ND	10.0	05/03/21 13:14	
Xylene (Total)	ug/kg	ND	10.0	05/03/21 13:14	
1,2-Dichloroethane-d4 (S)	%	102	70-130	05/03/21 13:14	
4-Bromofluorobenzene (S)	%	102	69-134	05/03/21 13:14	
Toluene-d8 (S)	%	97	70-130	05/03/21 13:14	

LABORATORY CONTROL SAMPLE: 3250338

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1280	103	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1180	94	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1210	97	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1230	98	70-130	
1,1-Dichloroethane	ug/kg	1250	1170	94	70-130	
1,1-Dichloroethene	ug/kg	1250	1190	95	70-130	
1,1-Dichloropropene	ug/kg	1250	1140	92	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1210	97	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1190	96	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1190	95	68-130	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/ CPC20126

Pace Project No.: 92536024

LABORATORY CONTROL SAMPLE: 3250338

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1230	99	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1240	99	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1300	104	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1190	95	70-130	
1,2-Dichloroethane	ug/kg	1250	1210	97	63-130	
1,2-Dichloropropane	ug/kg	1250	1220	98	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1240	99	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1160	93	70-130	
1,3-Dichloropropane	ug/kg	1250	1290	103	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1210	96	70-130	
2,2-Dichloropropane	ug/kg	1250	1150	92	66-130	
2-Butanone (MEK)	ug/kg	2500	2390	95	70-130	
2-Chlorotoluene	ug/kg	1250	1240	99	70-130	
2-Hexanone	ug/kg	2500	2610	104	70-130	
4-Chlorotoluene	ug/kg	1250	1190	96	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2490	100	70-130	
Acetone	ug/kg	2500	2440	98	69-130	
Benzene	ug/kg	1250	1230	98	70-130	
Bromobenzene	ug/kg	1250	1260	101	70-130	
Bromochloromethane	ug/kg	1250	1260	101	70-130	
Bromodichloromethane	ug/kg	1250	1250	100	69-130	
Bromoform	ug/kg	1250	1360	109	70-130	
Bromomethane	ug/kg	1250	1170	93	52-130	
Carbon tetrachloride	ug/kg	1250	1250	100	70-130	
Chlorobenzene	ug/kg	1250	1210	97	70-130	
Chloroethane	ug/kg	1250	1260	101	65-130	
Chloroform	ug/kg	1250	1140	91	70-130	
Chloromethane	ug/kg	1250	1190	95	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1200	96	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1260	101	70-130	
Dibromochloromethane	ug/kg	1250	1350	108	70-130	
Dibromomethane	ug/kg	1250	1290	103	70-130	
Dichlorodifluoromethane	ug/kg	1250	1360	109	45-156	
Diisopropyl ether	ug/kg	1250	1110	89	70-130	
Ethylbenzene	ug/kg	1250	1150	92	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1240	99	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1200	96	70-130	
m&p-Xylene	ug/kg	2500	2480	99	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1190	95	70-130	
Methylene Chloride	ug/kg	1250	1240	99	65-130	
n-Butylbenzene	ug/kg	1250	1160	93	67-130	
n-Propylbenzene	ug/kg	1250	1170	94	70-130	
Naphthalene	ug/kg	1250	1190	95	70-130	
o-Xylene	ug/kg	1250	1230	98	70-130	
p-Isopropyltoluene	ug/kg	1250	1200	96	67-130	
sec-Butylbenzene	ug/kg	1250	1160	93	69-130	
Styrene	ug/kg	1250	1290	104	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/ CPC20126

Pace Project No.: 92536024

LABORATORY CONTROL SAMPLE: 3250338

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1190	95	67-130	
Tetrachloroethene	ug/kg	1250	1240	99	70-130	
Toluene	ug/kg	1250	1190	95	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1210	97	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1240	99	68-130	
Trichloroethene	ug/kg	1250	1200	96	70-130	
Trichlorofluoromethane	ug/kg	1250	1140	91	70-130	
Vinyl acetate	ug/kg	2500	2640	106	70-130	
Vinyl chloride	ug/kg	1250	1170	93	61-130	
Xylene (Total)	ug/kg	3750	3710	99	70-130	
1,2-Dichloroethane-d4 (S)	%			93	70-130	
4-Bromofluorobenzene (S)	%			104	69-134	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3250339 3250340

Parameter	Units	92536110001 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	1020	1020	1240	1360	122	133	70-131	9	30	M1
1,1,1-Trichloroethane	ug/kg	ND	1020	1020	1170	1030	115	101	65-133	13	30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	1020	1020	1150	1120	113	110	66-130	2	30	
1,1,2-Trichloroethane	ug/kg	ND	1020	1020	1240	1100	122	108	66-133	12	30	
1,1-Dichloroethane	ug/kg	ND	1020	1020	1120	983	109	96	65-130	13	30	
1,1-Dichloroethene	ug/kg	ND	1020	1020	1160	1010	113	98	10-158	14	30	
1,1-Dichloropropene	ug/kg	ND	1020	1020	1160	1010	113	99	68-133	13	30	
1,2,3-Trichlorobenzene	ug/kg	ND	1020	1020	1440	1300	141	127	27-138	11	30	M1
1,2,3-Trichloropropane	ug/kg	ND	1020	1020	1040	938	101	92	67-130	10	30	
1,2,4-Trichlorobenzene	ug/kg	ND	1020	1020	1410	1210	138	118	51-134	16	30	M1
1,2,4-Trimethylbenzene	ug/kg	ND	1020	1020	1330	1150	130	112	63-136	15	30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	1020	1020	1070	1020	105	100	32-130	4	30	
1,2-Dibromoethane (EDB)	ug/kg	ND	1020	1020	1210	1110	118	109	70-130	8	30	
1,2-Dichlorobenzene	ug/kg	ND	1020	1020	1160	1000	114	98	69-130	15	30	
1,2-Dichloroethane	ug/kg	ND	1020	1020	1170	1010	115	99	59-130	15	30	
1,2-Dichloropropane	ug/kg	ND	1020	1020	1170	1020	115	100	70-130	14	30	
1,3,5-Trimethylbenzene	ug/kg	ND	1020	1020	1320	1140	129	111	65-137	15	30	
1,3-Dichlorobenzene	ug/kg	ND	1020	1020	1170	991	114	97	70-130	17	30	
1,3-Dichloropropane	ug/kg	ND	1020	1020	1220	1090	120	107	70-130	11	30	
1,4-Dichlorobenzene	ug/kg	ND	1020	1020	1160	1030	114	101	68-130	12	30	
2,2-Dichloropropane	ug/kg	ND	1020	1020	1130	992	110	97	32-130	13	30	
2-Butanone (MEK)	ug/kg	ND	2040	2040	2030	1870	99	92	10-136	8	30	
2-Chlorotoluene	ug/kg	ND	1020	1020	1210	1040	118	102	69-141	14	30	
2-Hexanone	ug/kg	ND	2040	2040	2430	2230	119	109	10-144	9	30	
4-Chlorotoluene	ug/kg	ND	1020	1020	1210	1080	119	106	70-132	12	30	
4-Methyl-2-pentanone (MIBK)	ug/kg	262	2040	2040	2410	2140	105	92	25-143	12	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/ CPC20126

Pace Project No.: 92536024

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3250339 3250340											
Parameter	Units	92536110001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Acetone	ug/kg	77.6J	2040	2040	1790	1560	84	73	10-130	14	30
Benzene	ug/kg	ND	1020	1020	1200	1050	117	103	67-130	13	30
Bromobenzene	ug/kg	ND	1020	1020	1180	1040	116	101	70-130	13	30
Bromochloromethane	ug/kg	ND	1020	1020	1200	1030	117	101	69-134	15	30
Bromodichloromethane	ug/kg	ND	1020	1020	1180	1040	116	102	64-130	13	30
Bromoform	ug/kg	ND	1020	1020	1130	1090	111	107	62-130	4	30
Bromomethane	ug/kg	ND	1020	1020	1120	840	110	82	20-176	29	30
Carbon tetrachloride	ug/kg	ND	1020	1020	1200	1030	117	101	65-140	15	30
Chlorobenzene	ug/kg	25.7	1020	1020	1180	1060	113	101	70-130	11	30
Chloroethane	ug/kg	ND	1020	1020	606	537	59	53	10-130	12	30
Chloroform	ug/kg	ND	1020	1020	1090	965	107	94	63-130	12	30
Chloromethane	ug/kg	ND	1020	1020	1250	1080	122	105	58-130	15	30
cis-1,2-Dichloroethene	ug/kg	ND	1020	1020	1170	1020	114	100	66-130	13	30
cis-1,3-Dichloropropene	ug/kg	ND	1020	1020	1170	1020	115	100	67-130	14	30
Dibromochloromethane	ug/kg	ND	1020	1020	1430	1330	140	130	67-130	8	30 M1
Dibromomethane	ug/kg	ND	1020	1020	1200	1050	117	103	63-131	13	30
Dichlorodifluoromethane	ug/kg	ND	1020	1020	1370	1180	134	115	44-180	15	30
Diisopropyl ether	ug/kg	ND	1020	1020	1050	913	103	89	63-130	14	30
Ethylbenzene	ug/kg	11.7	1020	1020	1160	1030	112	100	66-130	12	30
Hexachloro-1,3-butadiene	ug/kg	ND	1020	1020	1830	1560	179	152	64-150	16	30 M1
Isopropylbenzene (Cumene)	ug/kg	ND	1020	1020	1300	1160	127	113	69-135	11	30
m&p-Xylene	ug/kg	ND	2040	2040	2490	2250	122	110	60-133	10	30
Methyl-tert-butyl ether	ug/kg	ND	1020	1020	1100	953	107	93	65-130	14	30
Methylene Chloride	ug/kg	ND	1020	1020	1160	1060	114	104	61-130	9	30
n-Butylbenzene	ug/kg	ND	1020	1020	1640	1420	160	139	65-140	14	30 M1
n-Propylbenzene	ug/kg	ND	1020	1020	1290	1130	126	110	67-140	13	30
Naphthalene	ug/kg	ND	1020	1020	1250	1110	122	109	15-145	12	30
o-Xylene	ug/kg	ND	1020	1020	1230	1080	120	106	66-133	12	30
p-Isopropyltoluene	ug/kg	ND	1020	1020	1500	1290	147	126	56-147	15	30
sec-Butylbenzene	ug/kg	177	1020	1020	1680	1440	147	124	65-139	15	30 M1
Styrene	ug/kg	ND	1020	1020	1310	1160	128	113	70-132	12	30
tert-Butylbenzene	ug/kg	ND	1020	1020	1440	1220	141	119	62-135	17	30 M1
Tetrachloroethene	ug/kg	ND	1020	1020	1190	1080	117	106	70-135	10	30
Toluene	ug/kg	ND	1020	1020	1160	1070	114	105	67-130	8	30
trans-1,2-Dichloroethene	ug/kg	ND	1020	1020	1160	1020	114	100	69-130	13	30
trans-1,3-Dichloropropene	ug/kg	ND	1020	1020	1160	1000	113	98	62-130	15	30
Trichloroethene	ug/kg	ND	1020	1020	1230	1090	120	106	70-135	12	30
Trichlorofluoromethane	ug/kg	ND	1020	1020	550	467	54	46	10-130	16	30
Vinyl acetate	ug/kg	ND	2040	2040	2390	2080	117	102	53-130	14	30
Vinyl chloride	ug/kg	ND	1020	1020	1160	967	114	95	61-148	18	30
Xylene (Total)	ug/kg	ND	3070	3070	3720	3340	121	109	63-132	11	30
1,2-Dichloroethane-d4 (S)	%						95	92	70-130		
4-Bromofluorobenzene (S)	%						122	124	69-134		
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/ CPC20126

Pace Project No.: 92536024

QC Batch: 617478

Analysis Method: SW-846

QC Batch Method: SW-846

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92536024001, 92536024002, 92536024003

SAMPLE DUPLICATE: 3248928

Parameter	Units	92535718001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	16.9	16.4	3	25	N2

SAMPLE DUPLICATE: 3248929

Parameter	Units	92536001006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	24.8	26.8	8	25	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: CPC HUNTERSVILLE/ CPC20126

Pace Project No.: 92536024

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC HUNTERSVILLE/ CPC20126

Pace Project No.: 92536024

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92536024001	MW-89 38-40	MADEP VPH	618520	MADEP VPH	618527
92536024002	MW-89 50-52	MADEP VPH	617905	MADEP VPH	618313
92536024003	MW-89 52-54	MADEP VPH	617905	MADEP VPH	618313
92536024001	MW-89 38-40	EPA 5035A/5030B	617784	EPA 8260D	617810
92536024002	MW-89 50-52	EPA 5035A/5030B	617784	EPA 8260D	617810
92536024003	MW-89 52-54	EPA 5035A/5030B	617784	EPA 8260D	617810
92536024001	MW-89 38-40	SW-846	617478		
92536024002	MW-89 50-52	SW-846	617478		
92536024003	MW-89 52-54	SW-846	617478		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Billing Information:

Company: **Alex Coulpaes, LLC**
Address: **John.Strecke@alexpaes.com**

Report To: **John.Strecke@alexpaes.com**

Copy To: **John.Strecke@alexpaes.com**

Customer Project Name/Number: **CRC Hummerquive / 10020176**

State: **1** County/City: **1** Time Zone Collected: **1** PT **1** MT **1** CT **1** ET

Phone: **1** Site/Facility ID #: **1** Compliance Monitoring? **1** Yes **1** No

Collected By (Print): **Chris Stevens** Purchase Order #: **1** DW PWS ID #: **1** DW Location Code: **1**

Collector (Signature): **Chris Stevens** Turnaround Date Required: **1** Yes **1** No

Sample Disposal: **1** Rush: **1** Same Day **1** Next Day **1** Field Filtered (if applicable): **1** Yes **1** No

1 Archive: **1** 2 Day **1** 3 Day **1** 4 Day **1** 5 Day Analysis: **1**

1 Hold: **1** Expedite Charges Apply: **1**

* 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	Composite End Date	Res Cl	# of Cns
MM-89 38-40	Soil	Comp	4/29/17 1340			3
MM-89 50-52	Soil	Comp	4/29/17 1345			3
MM-89 52-54	Soil	Comp	4/29/17 1350			3

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: **Met** Blue Dry None

Packing Material Used: **from retail holder**

Radchem sample(s) screened (<500 cpm): **Y** **N** **NA**

Relinquished by/Company: (Signature) **John Strock** Date/Time: **4/29/17 1717**

Relinquished by/Company: (Signature) **John Strock** Date/Time: **4/29/17 1717**

LAB USE ONLY - Affix Workorder/MT

W0#: 92536024



92536024

ALL SHADED A

Container Preservative Type **

** 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 Seal 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**
Residual Chlorine Present **Y** **N** **NA**
Samples in Holding Time **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: **92536024**

001

002

003

Lab Sample Temperature Info:

Temp Blank Received: **Y** **N** **NA**

Therm ID# **92536024**

Cooler 1 Temp Upon Receipt: **11** **OC**

Cooler 1 Therm Corr. Factor: **0** **OC**

Cooler 1 Corrected Temp: **11** **OC**

Comments:

Tip Blank Received: **Y** **N** **NA**

HCL MeOH TSP Other

Non Conformance(s): **YES** **NO** Page: **1** of **1**

May 12, 2021

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

RE: Project: CPC HUNTERSVILLE/CPC 20126
Pace Project No.: 92537163

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on May 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 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: John Streckner, Apex Companies



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/CPC 20126

Pace Project No.: 92537163

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE/CPC 20126

Pace Project No.: 92537163

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92537163001	RW-63 40-42	MADEP VPH	LMB	7	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92537163002	RW-63 42-44	MADEP VPH	LMB	7	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/CPC 20126

Pace Project No.: 92537163

Sample: RW-63 40-42 **Lab ID: 92537163001** Collected: 05/05/21 14:15 Received: 05/05/21 17:56 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)	37500	mg/kg	205	50	05/10/21 10:16	05/11/21 11:31		N2
Aliphatic (C05-C08)	19200	mg/kg	205	50	05/10/21 10:16	05/11/21 11:31		N2
Aliphatic (C09-C12)	18200	mg/kg	205	50	05/10/21 10:16	05/11/21 11:31		N2
Aliphatic(C09-C12) Adjusted	13100	mg/kg	205	50	05/10/21 10:16	05/11/21 11:31		N2
Aromatic (C09-C10)	5130	mg/kg	205	50	05/10/21 10:16	05/11/21 11:31		N2
Surrogates								
4-Bromofluorobenzene (FID) (S)	154	%	70-130	50	05/10/21 10:16	05/11/21 11:31	460-00-4	S2
4-Bromofluorobenzene (PID) (S)	103	%	70-130	50	05/10/21 10:16	05/11/21 11:31	460-00-4	
8260D/5035A/5030B Volatiles								
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	30400	200	05/11/21 16:38	05/12/21 03:05	67-64-1	
Benzene	21700	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	71-43-2	
Bromobenzene	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	108-86-1	
Bromochloromethane	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	74-97-5	
Bromodichloromethane	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	75-27-4	
Bromoform	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	75-25-2	
Bromomethane	ND	ug/kg	3040	200	05/11/21 16:38	05/12/21 03:05	74-83-9	
2-Butanone (MEK)	ND	ug/kg	30400	200	05/11/21 16:38	05/12/21 03:05	78-93-3	
n-Butylbenzene	55100	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	104-51-8	
sec-Butylbenzene	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	135-98-8	
tert-Butylbenzene	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	98-06-6	
Carbon tetrachloride	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	56-23-5	
Chlorobenzene	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	108-90-7	
Chloroethane	ND	ug/kg	3040	200	05/11/21 16:38	05/12/21 03:05	75-00-3	
Chloroform	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	67-66-3	
Chloromethane	ND	ug/kg	3040	200	05/11/21 16:38	05/12/21 03:05	74-87-3	
2-Chlorotoluene	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	95-49-8	
4-Chlorotoluene	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	96-12-8	
Dibromochloromethane	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	106-93-4	
Dibromomethane	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3040	200	05/11/21 16:38	05/12/21 03:05	75-71-8	
1,1-Dichloroethane	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	75-34-3	
1,2-Dichloroethane	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	107-06-2	
1,1-Dichloroethene	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	156-60-5	
1,2-Dichloropropane	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	78-87-5	
1,3-Dichloropropane	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	142-28-9	
2,2-Dichloropropane	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	594-20-7	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/CPC 20126

Pace Project No.: 92537163

Sample: RW-63 40-42 **Lab ID: 92537163001** Collected: 05/05/21 14:15 Received: 05/05/21 17:56 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						
1,1-Dichloropropene	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	10061-02-6	
Diisopropyl ether	4760	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	108-20-3	
Ethylbenzene	440000	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3040	200	05/11/21 16:38	05/12/21 03:05	87-68-3	
2-Hexanone	ND	ug/kg	15200	200	05/11/21 16:38	05/12/21 03:05	591-78-6	
Isopropylbenzene (Cumene)	48500	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	98-82-8	
p-Isopropyltoluene	49900	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	99-87-6	
Methylene Chloride	ND	ug/kg	6090	200	05/11/21 16:38	05/12/21 03:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	26200	ug/kg	15200	200	05/11/21 16:38	05/12/21 03:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	1634-04-4	
Naphthalene	130000	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	91-20-3	
n-Propylbenzene	184000	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	103-65-1	
Styrene	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	79-34-5	
Tetrachloroethene	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	127-18-4	
Toluene	813000	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	79-00-5	
Trichloroethene	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	79-01-6	
Trichlorofluoromethane	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	96-18-4	
1,2,4-Trimethylbenzene	1110000	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	95-63-6	
1,3,5-Trimethylbenzene	323000	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	108-67-8	
Vinyl acetate	ND	ug/kg	15200	200	05/11/21 16:38	05/12/21 03:05	108-05-4	
Vinyl chloride	ND	ug/kg	3040	200	05/11/21 16:38	05/12/21 03:05	75-01-4	
Xylene (Total)	2660000	ug/kg	3040	200	05/11/21 16:38	05/12/21 03:05	1330-20-7	
m&p-Xylene	1850000	ug/kg	3040	200	05/11/21 16:38	05/12/21 03:05	179601-23-1	
o-Xylene	808000	ug/kg	1520	200	05/11/21 16:38	05/12/21 03:05	95-47-6	
Surrogates								
Toluene-d8 (S)	98	%	70-130	200	05/11/21 16:38	05/12/21 03:05	2037-26-5	
4-Bromofluorobenzene (S)	99	%	69-134	200	05/11/21 16:38	05/12/21 03:05	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130	200	05/11/21 16:38	05/12/21 03:05	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	8.6	%	0.10	1		05/06/21 14:06		N2
------------------	-----	---	------	---	--	----------------	--	----

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/CPC 20126

Pace Project No.: 92537163

Sample: RW-63 42-44 **Lab ID: 92537163002** Collected: 05/05/21 14:20 Received: 05/05/21 17:56 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)	46300	mg/kg	218	50	05/10/21 10:16	05/11/21 12:28		N2
Aliphatic (C05-C08)	26400	mg/kg	218	50	05/10/21 10:16	05/11/21 12:28		N2
Aliphatic (C09-C12)	20000	mg/kg	218	50	05/10/21 10:16	05/11/21 12:28		N2
Aliphatic(C09-C12) Adjusted	14300	mg/kg	218	50	05/10/21 10:16	05/11/21 12:28		N2
Aromatic (C09-C10)	5630	mg/kg	218	50	05/10/21 10:16	05/11/21 12:28		N2
Surrogates								
4-Bromofluorobenzene (FID) (S)	158	%	70-130	50	05/10/21 10:16	05/11/21 12:28	460-00-4	S2
4-Bromofluorobenzene (PID) (S)	106	%	70-130	50	05/10/21 10:16	05/11/21 12:28	460-00-4	
8260D/5035A/5030B Volatiles								
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	34900	200	05/11/21 16:38	05/12/21 03:23	67-64-1	
Benzene	50500	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	71-43-2	
Bromobenzene	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	108-86-1	
Bromochloromethane	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	74-97-5	
Bromodichloromethane	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	75-27-4	
Bromoform	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	75-25-2	
Bromomethane	ND	ug/kg	3490	200	05/11/21 16:38	05/12/21 03:23	74-83-9	
2-Butanone (MEK)	ND	ug/kg	34900	200	05/11/21 16:38	05/12/21 03:23	78-93-3	
n-Butylbenzene	61300	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	104-51-8	
sec-Butylbenzene	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	135-98-8	
tert-Butylbenzene	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	98-06-6	
Carbon tetrachloride	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	56-23-5	
Chlorobenzene	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	108-90-7	
Chloroethane	ND	ug/kg	3490	200	05/11/21 16:38	05/12/21 03:23	75-00-3	
Chloroform	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	67-66-3	
Chloromethane	ND	ug/kg	3490	200	05/11/21 16:38	05/12/21 03:23	74-87-3	
2-Chlorotoluene	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	95-49-8	
4-Chlorotoluene	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	96-12-8	
Dibromochloromethane	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	106-93-4	
Dibromomethane	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3490	200	05/11/21 16:38	05/12/21 03:23	75-71-8	
1,1-Dichloroethane	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	75-34-3	
1,2-Dichloroethane	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	107-06-2	
1,1-Dichloroethene	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	156-60-5	
1,2-Dichloropropane	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	78-87-5	
1,3-Dichloropropane	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	142-28-9	
2,2-Dichloropropane	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	594-20-7	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/CPC 20126

Pace Project No.: 92537163

Sample: RW-63 42-44 **Lab ID: 92537163002** Collected: 05/05/21 14:20 Received: 05/05/21 17:56 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						
1,1-Dichloropropene	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	10061-02-6	
Diisopropyl ether	10900	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	108-20-3	
Ethylbenzene	578000	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	100-41-4	M1
Hexachloro-1,3-butadiene	ND	ug/kg	3490	200	05/11/21 16:38	05/12/21 03:23	87-68-3	M1
2-Hexanone	ND	ug/kg	17500	200	05/11/21 16:38	05/12/21 03:23	591-78-6	
Isopropylbenzene (Cumene)	61700	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	98-82-8	
p-Isopropyltoluene	57500	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	99-87-6	
Methylene Chloride	ND	ug/kg	6980	200	05/11/21 16:38	05/12/21 03:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	17500	200	05/11/21 16:38	05/12/21 03:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	1634-04-4	
Naphthalene	174000	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	91-20-3	
n-Propylbenzene	222000	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	103-65-1	
Styrene	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	79-34-5	
Tetrachloroethene	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	127-18-4	
Toluene	1230000	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	108-88-3	M1
1,2,3-Trichlorobenzene	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	79-00-5	
Trichloroethene	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	79-01-6	
Trichlorofluoromethane	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	96-18-4	
1,2,4-Trimethylbenzene	1370000	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	95-63-6	M1
1,3,5-Trimethylbenzene	395000	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	108-67-8	M1
Vinyl acetate	ND	ug/kg	17500	200	05/11/21 16:38	05/12/21 03:23	108-05-4	
Vinyl chloride	ND	ug/kg	3490	200	05/11/21 16:38	05/12/21 03:23	75-01-4	
Xylene (Total)	3450000	ug/kg	3490	200	05/11/21 16:38	05/12/21 03:23	1330-20-7	MS
m&p-Xylene	2400000	ug/kg	3490	200	05/11/21 16:38	05/12/21 03:23	179601-23-1	M1
o-Xylene	1050000	ug/kg	1750	200	05/11/21 16:38	05/12/21 03:23	95-47-6	M1
Surrogates								
Toluene-d8 (S)	99	%	70-130	200	05/11/21 16:38	05/12/21 03:23	2037-26-5	
4-Bromofluorobenzene (S)	101	%	69-134	200	05/11/21 16:38	05/12/21 03:23	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130	200	05/11/21 16:38	05/12/21 03:23	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	9.1	%	0.10	1		05/06/21 14:06		N2
------------------	------------	---	------	---	--	----------------	--	----

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC 20126

Pace Project No.: 92537163

QC Batch: 619475

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Soil

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92537163001, 92537163002

METHOD BLANK: 3259161

Matrix: Solid

Associated Lab Samples: 92537163001, 92537163002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	05/10/21 18:54	N2
Aliphatic (C09-C12)	mg/kg	ND	2.5	05/10/21 18:54	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	05/10/21 18:54	N2
4-Bromofluorobenzene (FID) (S)	%	103	70-130	05/10/21 18:54	
4-Bromofluorobenzene (PID) (S)	%	104	70-130	05/10/21 18:54	

LABORATORY CONTROL SAMPLE & LCSD: 3259162

3259163

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	14.9	13.3	12.6	89	85	70-130	5	25	N2
Aliphatic (C09-C12)	mg/kg	14.9	16.7	15.4	112	103	70-130	8	25	N2
Aromatic (C09-C10)	mg/kg	5	5.3	4.9	106	99	70-130	7	25	N2
4-Bromofluorobenzene (FID) (S)	%				103	107	70-130			
4-Bromofluorobenzene (PID) (S)	%				102	106	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC 20126

Pace Project No.: 92537163

QC Batch: 619723

Analysis Method: EPA 8260D

QC Batch Method: EPA 5035A/5030B

Analysis Description: 8260D 5035A 5030B

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92537163001, 92537163002

METHOD BLANK: 3260502

Matrix: Solid

Associated Lab Samples: 92537163001, 92537163002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	05/11/21 20:28	
1,1,1-Trichloroethane	ug/kg	ND	5.0	05/11/21 20:28	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	05/11/21 20:28	
1,1,2-Trichloroethane	ug/kg	ND	5.0	05/11/21 20:28	
1,1-Dichloroethane	ug/kg	ND	5.0	05/11/21 20:28	
1,1-Dichloroethene	ug/kg	ND	5.0	05/11/21 20:28	
1,1-Dichloropropene	ug/kg	ND	5.0	05/11/21 20:28	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	05/11/21 20:28	
1,2,3-Trichloropropane	ug/kg	ND	5.0	05/11/21 20:28	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	05/11/21 20:28	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	05/11/21 20:28	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	05/11/21 20:28	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	05/11/21 20:28	
1,2-Dichlorobenzene	ug/kg	ND	5.0	05/11/21 20:28	
1,2-Dichloroethane	ug/kg	ND	5.0	05/11/21 20:28	
1,2-Dichloropropane	ug/kg	ND	5.0	05/11/21 20:28	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	05/11/21 20:28	
1,3-Dichlorobenzene	ug/kg	ND	5.0	05/11/21 20:28	
1,3-Dichloropropane	ug/kg	ND	5.0	05/11/21 20:28	
1,4-Dichlorobenzene	ug/kg	ND	5.0	05/11/21 20:28	
2,2-Dichloropropane	ug/kg	ND	5.0	05/11/21 20:28	
2-Butanone (MEK)	ug/kg	ND	100	05/11/21 20:28	
2-Chlorotoluene	ug/kg	ND	5.0	05/11/21 20:28	
2-Hexanone	ug/kg	ND	50.0	05/11/21 20:28	
4-Chlorotoluene	ug/kg	ND	5.0	05/11/21 20:28	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	05/11/21 20:28	
Acetone	ug/kg	ND	100	05/11/21 20:28	
Benzene	ug/kg	ND	5.0	05/11/21 20:28	
Bromobenzene	ug/kg	ND	5.0	05/11/21 20:28	
Bromochloromethane	ug/kg	ND	5.0	05/11/21 20:28	
Bromodichloromethane	ug/kg	ND	5.0	05/11/21 20:28	
Bromoform	ug/kg	ND	5.0	05/11/21 20:28	
Bromomethane	ug/kg	ND	10.0	05/11/21 20:28	
Carbon tetrachloride	ug/kg	ND	5.0	05/11/21 20:28	
Chlorobenzene	ug/kg	ND	5.0	05/11/21 20:28	
Chloroethane	ug/kg	ND	10.0	05/11/21 20:28	
Chloroform	ug/kg	ND	5.0	05/11/21 20:28	
Chloromethane	ug/kg	ND	10.0	05/11/21 20:28	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	05/11/21 20:28	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	05/11/21 20:28	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC 20126

Pace Project No.: 92537163

METHOD BLANK: 3260502

Matrix: Solid

Associated Lab Samples: 92537163001, 92537163002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	05/11/21 20:28	
Dibromomethane	ug/kg	ND	5.0	05/11/21 20:28	
Dichlorodifluoromethane	ug/kg	ND	10.0	05/11/21 20:28	
Diisopropyl ether	ug/kg	ND	5.0	05/11/21 20:28	
Ethylbenzene	ug/kg	ND	5.0	05/11/21 20:28	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	05/11/21 20:28	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	05/11/21 20:28	
m&p-Xylene	ug/kg	ND	10.0	05/11/21 20:28	
Methyl-tert-butyl ether	ug/kg	ND	5.0	05/11/21 20:28	
Methylene Chloride	ug/kg	ND	20.0	05/11/21 20:28	
n-Butylbenzene	ug/kg	ND	5.0	05/11/21 20:28	
n-Propylbenzene	ug/kg	ND	5.0	05/11/21 20:28	
Naphthalene	ug/kg	ND	5.0	05/11/21 20:28	
o-Xylene	ug/kg	ND	5.0	05/11/21 20:28	
p-Isopropyltoluene	ug/kg	ND	5.0	05/11/21 20:28	
sec-Butylbenzene	ug/kg	ND	5.0	05/11/21 20:28	
Styrene	ug/kg	ND	5.0	05/11/21 20:28	
tert-Butylbenzene	ug/kg	ND	5.0	05/11/21 20:28	
Tetrachloroethene	ug/kg	ND	5.0	05/11/21 20:28	
Toluene	ug/kg	ND	5.0	05/11/21 20:28	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	05/11/21 20:28	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	05/11/21 20:28	
Trichloroethene	ug/kg	ND	5.0	05/11/21 20:28	
Trichlorofluoromethane	ug/kg	ND	5.0	05/11/21 20:28	
Vinyl acetate	ug/kg	ND	50.0	05/11/21 20:28	
Vinyl chloride	ug/kg	ND	10.0	05/11/21 20:28	
Xylene (Total)	ug/kg	ND	10.0	05/11/21 20:28	
1,2-Dichloroethane-d4 (S)	%	107	70-130	05/11/21 20:28	
4-Bromofluorobenzene (S)	%	102	69-134	05/11/21 20:28	
Toluene-d8 (S)	%	99	70-130	05/11/21 20:28	

LABORATORY CONTROL SAMPLE: 3260503

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1260	101	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1260	101	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1240	99	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1240	99	70-130	
1,1-Dichloroethane	ug/kg	1250	1270	102	70-130	
1,1-Dichloroethene	ug/kg	1250	1340	107	70-130	
1,1-Dichloropropene	ug/kg	1250	1260	100	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1190	95	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1220	97	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1200	96	68-130	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC 20126

Pace Project No.: 92537163

LABORATORY CONTROL SAMPLE: 3260503

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1200	96	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1230	98	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1230	98	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1190	95	70-130	
1,2-Dichloroethane	ug/kg	1250	1240	99	63-130	
1,2-Dichloropropane	ug/kg	1250	1250	100	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1200	96	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1220	98	70-130	
1,3-Dichloropropane	ug/kg	1250	1240	99	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1180	94	70-130	
2,2-Dichloropropane	ug/kg	1250	1200	96	66-130	
2-Butanone (MEK)	ug/kg	2500	2380	95	70-130	
2-Chlorotoluene	ug/kg	1250	1220	97	70-130	
2-Hexanone	ug/kg	2500	2440	98	70-130	
4-Chlorotoluene	ug/kg	1250	1180	95	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2400	96	70-130	
Acetone	ug/kg	2500	2430	97	69-130	
Benzene	ug/kg	1250	1180	94	70-130	
Bromobenzene	ug/kg	1250	1240	99	70-130	
Bromochloromethane	ug/kg	1250	1240	99	70-130	
Bromodichloromethane	ug/kg	1250	1170	94	69-130	
Bromoform	ug/kg	1250	1330	106	70-130	
Bromomethane	ug/kg	1250	1490	119	52-130	
Carbon tetrachloride	ug/kg	1250	1340	107	70-130	
Chlorobenzene	ug/kg	1250	1220	97	70-130	
Chloroethane	ug/kg	1250	1170	93	65-130	
Chloroform	ug/kg	1250	1190	95	70-130	
Chloromethane	ug/kg	1250	1200	96	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1240	100	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1210	97	70-130	
Dibromochloromethane	ug/kg	1250	1340	107	70-130	
Dibromomethane	ug/kg	1250	1250	100	70-130	
Dichlorodifluoromethane	ug/kg	1250	1350	108	45-156	
Diisopropyl ether	ug/kg	1250	1200	96	70-130	
Ethylbenzene	ug/kg	1250	1150	92	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1290	103	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1260	101	70-130	
m&p-Xylene	ug/kg	2500	2420	97	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1180	95	70-130	
Methylene Chloride	ug/kg	1250	1190	95	65-130	
n-Butylbenzene	ug/kg	1250	1190	96	67-130	
n-Propylbenzene	ug/kg	1250	1190	95	70-130	
Naphthalene	ug/kg	1250	1190	96	70-130	
o-Xylene	ug/kg	1250	1260	101	70-130	
p-Isopropyltoluene	ug/kg	1250	1190	95	67-130	
sec-Butylbenzene	ug/kg	1250	1190	95	69-130	
Styrene	ug/kg	1250	1290	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC 20126

Pace Project No.: 92537163

LABORATORY CONTROL SAMPLE: 3260503

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1150	92	67-130	
Tetrachloroethene	ug/kg	1250	1290	103	70-130	
Toluene	ug/kg	1250	1180	94	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1270	101	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1200	96	68-130	
Trichloroethene	ug/kg	1250	1250	100	70-130	
Trichlorofluoromethane	ug/kg	1250	1220	98	70-130	
Vinyl acetate	ug/kg	2500	2890	116	70-130	
Vinyl chloride	ug/kg	1250	1220	98	61-130	
Xylene (Total)	ug/kg	3750	3680	98	70-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			100	69-134	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 3260504

Parameter	Units	92537163002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	175000	174000	100	70-131	
1,1,1-Trichloroethane	ug/kg	ND	175000	182000	104	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	175000	175000	100	66-130	
1,1,2-Trichloroethane	ug/kg	ND	175000	190000	109	66-133	
1,1-Dichloroethane	ug/kg	ND	175000	183000	105	65-130	
1,1-Dichloroethene	ug/kg	ND	175000	186000	107	10-158	
1,1-Dichloropropene	ug/kg	ND	175000	169000	97	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	175000	146000	84	27-138	
1,2,3-Trichloropropane	ug/kg	ND	175000	165000	94	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	175000	141000	81	51-134	
1,2,4-Trimethylbenzene	ug/kg	1370000	175000	1370000	-3	63-136	M1
1,2-Dibromo-3-chloropropane	ug/kg	ND	175000	180000	103	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	175000	174000	99	70-130	
1,2-Dichlorobenzene	ug/kg	ND	175000	163000	93	69-130	
1,2-Dichloroethane	ug/kg	ND	175000	176000	101	59-130	
1,2-Dichloropropane	ug/kg	ND	175000	188000	108	70-130	
1,3,5-Trimethylbenzene	ug/kg	395000	175000	506000	64	65-137	M1
1,3-Dichlorobenzene	ug/kg	ND	175000	162000	93	70-130	
1,3-Dichloropropane	ug/kg	ND	175000	175000	100	70-130	
1,4-Dichlorobenzene	ug/kg	ND	175000	147000	84	68-130	
2,2-Dichloropropane	ug/kg	ND	175000	163000	93	32-130	
2-Butanone (MEK)	ug/kg	ND	350000	387000	111	10-136	
2-Chlorotoluene	ug/kg	ND	175000	199000	114	69-141	
2-Hexanone	ug/kg	ND	350000	354000	101	10-144	
4-Chlorotoluene	ug/kg	ND	175000	155000	89	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	350000	360000	103	25-143	
Acetone	ug/kg	ND	350000	359000	103	10-130	
Benzene	ug/kg	50500	175000	215000	94	67-130	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC 20126

Pace Project No.: 92537163

MATRIX SPIKE SAMPLE:		3260504					
Parameter	Units	92537163002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromobenzene	ug/kg	ND	175000	172000	99	70-130	
Bromochloromethane	ug/kg	ND	175000	179000	103	69-134	
Bromodichloromethane	ug/kg	ND	175000	172000	99	64-130	
Bromoform	ug/kg	ND	175000	174000	100	62-130	
Bromomethane	ug/kg	ND	175000	230000	132	20-176	
Carbon tetrachloride	ug/kg	ND	175000	189000	108	65-140	
Chlorobenzene	ug/kg	ND	175000	166000	95	70-130	
Chloroethane	ug/kg	ND	175000	170000	98	10-130	
Chloroform	ug/kg	ND	175000	171000	98	63-130	
Chloromethane	ug/kg	ND	175000	179000	103	58-130	
cis-1,2-Dichloroethene	ug/kg	ND	175000	180000	103	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	175000	168000	96	67-130	
Dibromochloromethane	ug/kg	ND	175000	181000	104	67-130	
Dibromomethane	ug/kg	ND	175000	179000	102	63-131	
Dichlorodifluoromethane	ug/kg	ND	175000	176000	101	44-180	
Diisopropyl ether	ug/kg	10900	175000	184000	99	63-130	
Ethylbenzene	ug/kg	578000	175000	629000	29	66-130 M1	
Hexachloro-1,3-butadiene	ug/kg	ND	175000	98300	56	64-150 M1	
Isopropylbenzene (Cumene)	ug/kg	61700	175000	212000	86	69-135	
m&p-Xylene	ug/kg	2400000	350000	2280000	-33	60-133 M1	
Methyl-tert-butyl ether	ug/kg	ND	175000	171000	98	65-130	
Methylene Chloride	ug/kg	ND	175000	174000	99	61-130	
n-Butylbenzene	ug/kg	61300	175000	196000	77	65-140	
n-Propylbenzene	ug/kg	222000	175000	346000	71	67-140	
Naphthalene	ug/kg	174000	175000	326000	87	15-145	
o-Xylene	ug/kg	1050000	175000	1050000	2	66-133 M1	
p-Isopropyltoluene	ug/kg	57500	175000	187000	74	56-147	
sec-Butylbenzene	ug/kg	ND	175000	155000	89	65-139	
Styrene	ug/kg	ND	175000	182000	104	70-132	
tert-Butylbenzene	ug/kg	ND	175000	160000	92	62-135	
Tetrachloroethene	ug/kg	ND	175000	149000	86	70-135	
Toluene	ug/kg	1230000	175000	1220000	-3	67-130 M1	
trans-1,2-Dichloroethene	ug/kg	ND	175000	177000	101	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	175000	163000	93	62-130	
Trichloroethene	ug/kg	ND	175000	168000	96	70-135	
Trichlorofluoromethane	ug/kg	ND	175000	168000	96	10-130	
Vinyl acetate	ug/kg	ND	350000	410000	118	53-130	
Vinyl chloride	ug/kg	ND	175000	175000	100	61-148	
Xylene (Total)	ug/kg	3450000	523000	3330000	-22	63-132 MS	
1,2-Dichloroethane-d4 (S)	%				97	70-130	
4-Bromofluorobenzene (S)	%				98	69-134	
Toluene-d8 (S)	%				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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC 20126

Pace Project No.: 92537163

SAMPLE DUPLICATE: 3261579

Parameter	Units	92537277001 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	ND	ND		
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	ND		
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	ND		
Benzene	ug/kg	ND	ND		
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	ND		
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		
Diisopropyl ether	ug/kg	ND	ND		
Ethylbenzene	ug/kg	ND	ND		
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC 20126

Pace Project No.: 92537163

SAMPLE DUPLICATE: 3261579

Parameter	Units	92537277001 Result	Dup Result	RPD	Qualifiers
m&p-Xylene	ug/kg	ND	ND		
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	ND	ND		
o-Xylene	ug/kg	ND	ND		
p-Isopropyltoluene	ug/kg	ND	ND		
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	ND	4J		
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	ND	ND		
1,2-Dichloroethane-d4 (S)	%	102	100		
4-Bromofluorobenzene (S)	%	101	102		
Toluene-d8 (S)	%	100	99		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC 20126

Pace Project No.: 92537163

QC Batch: 618751

Analysis Method: SW-846

QC Batch Method: SW-846

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92537163001, 92537163002

SAMPLE DUPLICATE: 3255580

Parameter	Units	92536932001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	14.9	13.7	8	N2

SAMPLE DUPLICATE: 3255581

Parameter	Units	92537163002 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	9.1	9.8	8	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: CPC HUNTERSVILLE/CPC 20126

Pace Project No.: 92537163

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.

S2 Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC HUNTERSVILLE/CPC 20126

Pace Project No.: 92537163

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92537163001	RW-63 40-42	MADEP VPH	619475	MADEP VPH	619584
92537163002	RW-63 42-44	MADEP VPH	619475	MADEP VPH	619584
92537163001	RW-63 40-42	EPA 5035A/5030B	619723	EPA 8260D	619769
92537163002	RW-63 42-44	EPA 5035A/5030B	619723	EPA 8260D	619769
92537163001	RW-63 40-42	SW-846	618751		
92537163002	RW-63 42-44	SW-846	618751		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



*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#: 92537163

PM: AMB

Due Date: 05/12/21

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							
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.

May 13, 2021

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

RE: Project: CPC Huntersville/CPC 21078
Pace Project No.: 92537482

Dear Andrew Street:

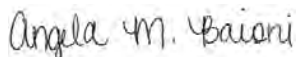
Enclosed are the analytical results for sample(s) received by the laboratory on May 06, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted 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

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
Robert Hughes, Colonial Pipeline
Margaret King, APEX Companies, LLC
Cameron Lee, Montrose-EPS
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92537482001	RW-65 4-6	Solid	05/06/21 15:30	05/06/21 17:40
92537482002	RW-65 20-22	Solid	05/06/21 15:35	05/06/21 17:40
92537482003	RW-65 36-38	Solid	05/06/21 15:40	05/06/21 17:40
92537482004	RW-65 38-40	Solid	05/06/21 15:45	05/06/21 17:40
92537482005	RW-64 10-12	Solid	05/06/21 16:00	05/06/21 17:40
92537482006	RW-64 20-22	Solid	05/06/21 16:05	05/06/21 17:40
92537482007	RW-65 28-30	Solid	05/06/21 16:10	05/06/21 17:40

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92537482001	RW-65 4-6	MADEP VPH	LMB	7	PASI-C
		EPA 8260D	LMB	70	PASI-C
		SW-846	KDF	1	PASI-C
92537482002	RW-65 20-22	MADEP VPH	LMB	7	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92537482003	RW-65 36-38	MADEP VPH	LMB	7	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92537482004	RW-65 38-40	MADEP VPH	LMB	7	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92537482005	RW-64 10-12	MADEP VPH	LMB	7	PASI-C
		EPA 8260D	LMB	70	PASI-C
		SW-846	KDF	1	PASI-C
92537482006	RW-64 20-22	MADEP VPH	LMB	7	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92537482007	RW-65 28-30	MADEP VPH	LMB	7	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

Sample: RW-65 4-6 **Lab ID: 92537482001** Collected: 05/06/21 15:30 Received: 05/06/21 17:40 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)	21.4	mg/kg	6.3	6.3	1	05/07/21 14:14	05/08/21 04:27		N2
Aliphatic (C05-C08)	18.2	mg/kg	6.3	6.3	1	05/07/21 14:14	05/08/21 04:27		N2
Aliphatic (C09-C12)	ND	mg/kg	6.3	6.3	1	05/07/21 14:14	05/08/21 04:27		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	6.3	6.3	1	05/07/21 14:14	05/08/21 04:27		N2
Aromatic (C09-C10)	ND	mg/kg	6.3	6.3	1	05/07/21 14:14	05/08/21 04:27		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1	05/07/21 14:14	05/08/21 04:27	460-00-4	
4-Bromofluorobenzene (PID) (S)	102	%	70-130		1	05/07/21 14:14	05/08/21 04:27	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	264	84.7	1	05/07/21 13:19	05/07/21 16:55	67-64-1	
Benzene	889	ug/kg	13.2	5.3	1	05/07/21 13:19	05/07/21 16:55	71-43-2	
Bromobenzene	ND	ug/kg	13.2	4.3	1	05/07/21 13:19	05/07/21 16:55	108-86-1	
Bromochloromethane	ND	ug/kg	13.2	3.9	1	05/07/21 13:19	05/07/21 16:55	74-97-5	
Bromodichloromethane	ND	ug/kg	13.2	5.1	1	05/07/21 13:19	05/07/21 16:55	75-27-4	
Bromoform	ND	ug/kg	13.2	4.6	1	05/07/21 13:19	05/07/21 16:55	75-25-2	
Bromomethane	ND	ug/kg	26.4	20.8	1	05/07/21 13:19	05/07/21 16:55	74-83-9	
2-Butanone (MEK)	ND	ug/kg	264	63.3	1	05/07/21 13:19	05/07/21 16:55	78-93-3	
n-Butylbenzene	ND	ug/kg	13.2	6.2	1	05/07/21 13:19	05/07/21 16:55	104-51-8	
sec-Butylbenzene	ND	ug/kg	13.2	5.8	1	05/07/21 13:19	05/07/21 16:55	135-98-8	
tert-Butylbenzene	ND	ug/kg	13.2	4.7	1	05/07/21 13:19	05/07/21 16:55	98-06-6	
Carbon tetrachloride	ND	ug/kg	13.2	4.9	1	05/07/21 13:19	05/07/21 16:55	56-23-5	
Chlorobenzene	ND	ug/kg	13.2	2.5	1	05/07/21 13:19	05/07/21 16:55	108-90-7	
Chloroethane	ND	ug/kg	26.4	10.2	1	05/07/21 13:19	05/07/21 16:55	75-00-3	
Chloroform	ND	ug/kg	13.2	8.0	1	05/07/21 13:19	05/07/21 16:55	67-66-3	
Chloromethane	ND	ug/kg	26.4	11.1	1	05/07/21 13:19	05/07/21 16:55	74-87-3	
2-Chlorotoluene	ND	ug/kg	13.2	4.7	1	05/07/21 13:19	05/07/21 16:55	95-49-8	
4-Chlorotoluene	ND	ug/kg	13.2	2.3	1	05/07/21 13:19	05/07/21 16:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	13.2	5.1	1	05/07/21 13:19	05/07/21 16:55	96-12-8	
Dibromochloromethane	ND	ug/kg	13.2	7.4	1	05/07/21 13:19	05/07/21 16:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	13.2	5.8	1	05/07/21 13:19	05/07/21 16:55	106-93-4	
Dibromomethane	ND	ug/kg	13.2	2.8	1	05/07/21 13:19	05/07/21 16:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	13.2	4.7	1	05/07/21 13:19	05/07/21 16:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	13.2	4.1	1	05/07/21 13:19	05/07/21 16:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	13.2	3.4	1	05/07/21 13:19	05/07/21 16:55	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	26.4	5.7	1	05/07/21 13:19	05/07/21 16:55	75-71-8	
1,1-Dichloroethane	ND	ug/kg	13.2	5.4	1	05/07/21 13:19	05/07/21 16:55	75-34-3	
1,2-Dichloroethane	ND	ug/kg	13.2	8.7	1	05/07/21 13:19	05/07/21 16:55	107-06-2	
1,1-Dichloroethene	ND	ug/kg	13.2	5.4	1	05/07/21 13:19	05/07/21 16:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	13.2	4.5	1	05/07/21 13:19	05/07/21 16:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	13.2	4.6	1	05/07/21 13:19	05/07/21 16:55	156-60-5	
1,2-Dichloropropane	ND	ug/kg	13.2	4.0	1	05/07/21 13:19	05/07/21 16:55	78-87-5	
1,3-Dichloropropane	ND	ug/kg	13.2	4.1	1	05/07/21 13:19	05/07/21 16:55	142-28-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

Sample: RW-65 4-6 **Lab ID: 92537482001** Collected: 05/06/21 15:30 Received: 05/06/21 17:40 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									
2,2-Dichloropropane	ND	ug/kg	13.2	4.3	1	05/07/21 13:19	05/07/21 16:55	594-20-7	
1,1-Dichloropropene	ND	ug/kg	13.2	6.3	1	05/07/21 13:19	05/07/21 16:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	13.2	3.6	1	05/07/21 13:19	05/07/21 16:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	13.2	4.5	1	05/07/21 13:19	05/07/21 16:55	10061-02-6	
Diisopropyl ether	34.8	ug/kg	13.2	3.6	1	05/07/21 13:19	05/07/21 16:55	108-20-3	v3
Ethylbenzene	270	ug/kg	13.2	6.1	1	05/07/21 13:19	05/07/21 16:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	26.4	21.6	1	05/07/21 13:19	05/07/21 16:55	87-68-3	
2-Hexanone	ND	ug/kg	132	12.7	1	05/07/21 13:19	05/07/21 16:55	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	13.2	4.5	1	05/07/21 13:19	05/07/21 16:55	98-82-8	
p-Isopropyltoluene	ND	ug/kg	13.2	6.5	1	05/07/21 13:19	05/07/21 16:55	99-87-6	
Methylene Chloride	ND	ug/kg	52.8	36.1	1	05/07/21 13:19	05/07/21 16:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	132	12.7	1	05/07/21 13:19	05/07/21 16:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	13.2	4.9	1	05/07/21 13:19	05/07/21 16:55	1634-04-4	
Naphthalene	ND	ug/kg	13.2	6.9	1	05/07/21 13:19	05/07/21 16:55	91-20-3	
n-Propylbenzene	ND	ug/kg	13.2	4.7	1	05/07/21 13:19	05/07/21 16:55	103-65-1	
Styrene	ND	ug/kg	13.2	3.5	1	05/07/21 13:19	05/07/21 16:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	13.2	5.1	1	05/07/21 13:19	05/07/21 16:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	13.2	3.5	1	05/07/21 13:19	05/07/21 16:55	79-34-5	
Tetrachloroethene	ND	ug/kg	13.2	4.2	1	05/07/21 13:19	05/07/21 16:55	127-18-4	
Toluene	3210	ug/kg	13.2	3.7	1	05/07/21 13:19	05/07/21 16:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	13.2	10.7	1	05/07/21 13:19	05/07/21 16:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	13.2	11.1	1	05/07/21 13:19	05/07/21 16:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	13.2	6.9	1	05/07/21 13:19	05/07/21 16:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	13.2	4.4	1	05/07/21 13:19	05/07/21 16:55	79-00-5	
Trichloroethene	ND	ug/kg	13.2	3.4	1	05/07/21 13:19	05/07/21 16:55	79-01-6	
Trichlorofluoromethane	ND	ug/kg	13.2	7.3	1	05/07/21 13:19	05/07/21 16:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	13.2	6.7	1	05/07/21 13:19	05/07/21 16:55	96-18-4	
1,2,4-Trimethylbenzene	91.7	ug/kg	13.2	3.6	1	05/07/21 13:19	05/07/21 16:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	13.2	4.4	1	05/07/21 13:19	05/07/21 16:55	108-67-8	
Vinyl acetate	ND	ug/kg	132	9.6	1	05/07/21 13:19	05/07/21 16:55	108-05-4	
Vinyl chloride	ND	ug/kg	26.4	6.7	1	05/07/21 13:19	05/07/21 16:55	75-01-4	
Xylene (Total)	1340	ug/kg	26.4	7.5	1	05/07/21 13:19	05/07/21 16:55	1330-20-7	
m&p-Xylene	967	ug/kg	26.4	9.0	1	05/07/21 13:19	05/07/21 16:55	179601-23-1	
o-Xylene	368	ug/kg	13.2	5.8	1	05/07/21 13:19	05/07/21 16:55	95-47-6	
Surrogates									
Toluene-d8 (S)	97	%	70-130		1	05/07/21 13:19	05/07/21 16:55	2037-26-5	
4-Bromofluorobenzene (S)	103	%	69-134		1	05/07/21 13:19	05/07/21 16:55	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1	05/07/21 13:19	05/07/21 16:55	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	24.1	%	0.10	0.10	1		05/07/21 16:58		N2
------------------	-------------	---	------	------	---	--	----------------	--	----

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

Sample: RW-65 20-22 **Lab ID: 92537482002** Collected: 05/06/21 15:35 Received: 05/06/21 17:40 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)	40200	mg/kg	168	168	4	05/10/21 10:16	05/11/21 06:47		N2
Aliphatic (C05-C08)	19100	mg/kg	168	168	4	05/10/21 10:16	05/11/21 06:47		N2
Aliphatic (C09-C12)	21100	mg/kg	168	168	4	05/10/21 10:16	05/11/21 06:47		N2
Aliphatic(C09-C12) Adjusted	14300	mg/kg	168	168	4	05/10/21 10:16	05/11/21 06:47		N2
Aromatic (C09-C10)	6810	mg/kg	168	168	4	05/10/21 10:16	05/11/21 06:47		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	189	%	70-130		4	05/10/21 10:16	05/11/21 06:47	460-00-4	S2
4-Bromofluorobenzene (PID) (S)	108	%	70-130		4	05/10/21 10:16	05/11/21 06:47	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	2070	663	10	05/11/21 16:38	05/12/21 00:41	67-64-1	
Benzene	898	ug/kg	103	41.1	10	05/11/21 16:38	05/12/21 00:41	71-43-2	
Bromobenzene	ND	ug/kg	103	33.7	10	05/11/21 16:38	05/12/21 00:41	108-86-1	
Bromochloromethane	ND	ug/kg	103	30.6	10	05/11/21 16:38	05/12/21 00:41	74-97-5	
Bromodichloromethane	ND	ug/kg	103	39.9	10	05/11/21 16:38	05/12/21 00:41	75-27-4	
Bromoform	ND	ug/kg	103	36.4	10	05/11/21 16:38	05/12/21 00:41	75-25-2	
Bromomethane	ND	ug/kg	207	163	10	05/11/21 16:38	05/12/21 00:41	74-83-9	
2-Butanone (MEK)	ND	ug/kg	2070	496	10	05/11/21 16:38	05/12/21 00:41	78-93-3	
n-Butylbenzene	3320	ug/kg	103	48.8	10	05/11/21 16:38	05/12/21 00:41	104-51-8	
sec-Butylbenzene	ND	ug/kg	103	45.4	10	05/11/21 16:38	05/12/21 00:41	135-98-8	
tert-Butylbenzene	ND	ug/kg	103	36.8	10	05/11/21 16:38	05/12/21 00:41	98-06-6	
Carbon tetrachloride	ND	ug/kg	103	38.6	10	05/11/21 16:38	05/12/21 00:41	56-23-5	
Chlorobenzene	ND	ug/kg	103	19.8	10	05/11/21 16:38	05/12/21 00:41	108-90-7	
Chloroethane	ND	ug/kg	207	79.7	10	05/11/21 16:38	05/12/21 00:41	75-00-3	
Chloroform	ND	ug/kg	103	62.8	10	05/11/21 16:38	05/12/21 00:41	67-66-3	
Chloromethane	ND	ug/kg	207	86.8	10	05/11/21 16:38	05/12/21 00:41	74-87-3	
2-Chlorotoluene	ND	ug/kg	103	36.6	10	05/11/21 16:38	05/12/21 00:41	95-49-8	
4-Chlorotoluene	ND	ug/kg	103	18.3	10	05/11/21 16:38	05/12/21 00:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	103	40.1	10	05/11/21 16:38	05/12/21 00:41	96-12-8	
Dibromochloromethane	ND	ug/kg	103	58.0	10	05/11/21 16:38	05/12/21 00:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	103	45.4	10	05/11/21 16:38	05/12/21 00:41	106-93-4	
Dibromomethane	ND	ug/kg	103	22.1	10	05/11/21 16:38	05/12/21 00:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	103	37.2	10	05/11/21 16:38	05/12/21 00:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	103	32.0	10	05/11/21 16:38	05/12/21 00:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	103	26.9	10	05/11/21 16:38	05/12/21 00:41	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	207	44.8	10	05/11/21 16:38	05/12/21 00:41	75-71-8	
1,1-Dichloroethane	ND	ug/kg	103	42.6	10	05/11/21 16:38	05/12/21 00:41	75-34-3	
1,2-Dichloroethane	ND	ug/kg	103	68.4	10	05/11/21 16:38	05/12/21 00:41	107-06-2	
1,1-Dichloroethene	ND	ug/kg	103	42.6	10	05/11/21 16:38	05/12/21 00:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	103	35.3	10	05/11/21 16:38	05/12/21 00:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	103	36.1	10	05/11/21 16:38	05/12/21 00:41	156-60-5	
1,2-Dichloropropane	ND	ug/kg	103	31.0	10	05/11/21 16:38	05/12/21 00:41	78-87-5	
1,3-Dichloropropane	ND	ug/kg	103	32.2	10	05/11/21 16:38	05/12/21 00:41	142-28-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

Sample: RW-65 20-22 **Lab ID: 92537482002** Collected: 05/06/21 15:35 Received: 05/06/21 17:40 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									
2,2-Dichloropropane	ND	ug/kg	103	33.7	10	05/11/21 16:38	05/12/21 00:41	594-20-7	
1,1-Dichloropropene	ND	ug/kg	103	49.6	10	05/11/21 16:38	05/12/21 00:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	103	28.1	10	05/11/21 16:38	05/12/21 00:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	103	35.5	10	05/11/21 16:38	05/12/21 00:41	10061-02-6	
Diisopropyl ether	102J	ug/kg	103	27.9	10	05/11/21 16:38	05/12/21 00:41	108-20-3	
Ethylbenzene	14300	ug/kg	103	48.1	10	05/11/21 16:38	05/12/21 00:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	207	169	10	05/11/21 16:38	05/12/21 00:41	87-68-3	
2-Hexanone	ND	ug/kg	1030	99.6	10	05/11/21 16:38	05/12/21 00:41	591-78-6	
Isopropylbenzene (Cumene)	2240	ug/kg	103	35.1	10	05/11/21 16:38	05/12/21 00:41	98-82-8	
p-Isopropyltoluene	2880	ug/kg	103	50.8	10	05/11/21 16:38	05/12/21 00:41	99-87-6	
Methylene Chloride	ND	ug/kg	413	283	10	05/11/21 16:38	05/12/21 00:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	2150	ug/kg	1030	99.6	10	05/11/21 16:38	05/12/21 00:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	103	38.6	10	05/11/21 16:38	05/12/21 00:41	1634-04-4	
Naphthalene	8020	ug/kg	103	54.3	10	05/11/21 16:38	05/12/21 00:41	91-20-3	
n-Propylbenzene	8960	ug/kg	103	36.8	10	05/11/21 16:38	05/12/21 00:41	103-65-1	
Styrene	ND	ug/kg	103	27.3	10	05/11/21 16:38	05/12/21 00:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	103	39.7	10	05/11/21 16:38	05/12/21 00:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	103	27.3	10	05/11/21 16:38	05/12/21 00:41	79-34-5	
Tetrachloroethene	ND	ug/kg	103	32.6	10	05/11/21 16:38	05/12/21 00:41	127-18-4	
Toluene	22300	ug/kg	103	29.3	10	05/11/21 16:38	05/12/21 00:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	103	83.5	10	05/11/21 16:38	05/12/21 00:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	103	86.8	10	05/11/21 16:38	05/12/21 00:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	103	53.7	10	05/11/21 16:38	05/12/21 00:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	103	34.3	10	05/11/21 16:38	05/12/21 00:41	79-00-5	
Trichloroethene	ND	ug/kg	103	26.6	10	05/11/21 16:38	05/12/21 00:41	79-01-6	
Trichlorofluoromethane	ND	ug/kg	103	56.8	10	05/11/21 16:38	05/12/21 00:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	103	52.3	10	05/11/21 16:38	05/12/21 00:41	96-18-4	
1,2,4-Trimethylbenzene	58800	ug/kg	103	28.3	10	05/11/21 16:38	05/12/21 00:41	95-63-6	
1,3,5-Trimethylbenzene	17000	ug/kg	103	34.7	10	05/11/21 16:38	05/12/21 00:41	108-67-8	
Vinyl acetate	ND	ug/kg	1030	75.2	10	05/11/21 16:38	05/12/21 00:41	108-05-4	
Vinyl chloride	ND	ug/kg	207	52.5	10	05/11/21 16:38	05/12/21 00:41	75-01-4	
Xylene (Total)	88900	ug/kg	207	58.9	10	05/11/21 16:38	05/12/21 00:41	1330-20-7	
m&p-Xylene	60300	ug/kg	207	70.6	10	05/11/21 16:38	05/12/21 00:41	179601-23-1	
o-Xylene	28500	ug/kg	103	45.7	10	05/11/21 16:38	05/12/21 00:41	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		10	05/11/21 16:38	05/12/21 00:41	2037-26-5	
4-Bromofluorobenzene (S)	99	%	69-134		10	05/11/21 16:38	05/12/21 00:41	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		10	05/11/21 16:38	05/12/21 00:41	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	11.6	%	0.10	0.10	1		05/07/21 16:58		N2
------------------	-------------	---	------	------	---	--	----------------	--	----

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

Sample: RW-65 36-38 **Lab ID: 92537482003** Collected: 05/06/21 15:40 Received: 05/06/21 17:40 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)	5380	mg/kg	25.6	25.6	5	05/10/21 10:16	05/11/21 07:44		N2
Aliphatic (C05-C08)	3340	mg/kg	25.6	25.6	5	05/10/21 10:16	05/11/21 07:44		N2
Aliphatic (C09-C12)	2030	mg/kg	25.6	25.6	5	05/10/21 10:16	05/11/21 07:44		N2
Aliphatic(C09-C12) Adjusted	1510	mg/kg	25.6	25.6	5	05/10/21 10:16	05/11/21 07:44		N2
Aromatic (C09-C10)	519	mg/kg	25.6	25.6	5	05/10/21 10:16	05/11/21 07:44		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	147	%	70-130		5	05/10/21 10:16	05/11/21 07:44	460-00-4	S2
4-Bromofluorobenzene (PID) (S)	92	%	70-130		5	05/10/21 10:16	05/11/21 07:44	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	3680	1180	20	05/11/21 16:38	05/12/21 00:59	67-64-1	
Benzene	8470	ug/kg	184	73.2	20	05/11/21 16:38	05/12/21 00:59	71-43-2	
Bromobenzene	ND	ug/kg	184	59.9	20	05/11/21 16:38	05/12/21 00:59	108-86-1	
Bromochloromethane	ND	ug/kg	184	54.4	20	05/11/21 16:38	05/12/21 00:59	74-97-5	
Bromodichloromethane	ND	ug/kg	184	70.9	20	05/11/21 16:38	05/12/21 00:59	75-27-4	
Bromoform	ND	ug/kg	184	64.7	20	05/11/21 16:38	05/12/21 00:59	75-25-2	
Bromomethane	ND	ug/kg	368	290	20	05/11/21 16:38	05/12/21 00:59	74-83-9	
2-Butanone (MEK)	ND	ug/kg	3680	882	20	05/11/21 16:38	05/12/21 00:59	78-93-3	
n-Butylbenzene	6730	ug/kg	184	86.8	20	05/11/21 16:38	05/12/21 00:59	104-51-8	
sec-Butylbenzene	ND	ug/kg	184	80.9	20	05/11/21 16:38	05/12/21 00:59	135-98-8	
tert-Butylbenzene	ND	ug/kg	184	65.4	20	05/11/21 16:38	05/12/21 00:59	98-06-6	
Carbon tetrachloride	ND	ug/kg	184	68.7	20	05/11/21 16:38	05/12/21 00:59	56-23-5	
Chlorobenzene	197	ug/kg	184	35.3	20	05/11/21 16:38	05/12/21 00:59	108-90-7	
Chloroethane	ND	ug/kg	368	142	20	05/11/21 16:38	05/12/21 00:59	75-00-3	
Chloroform	ND	ug/kg	184	112	20	05/11/21 16:38	05/12/21 00:59	67-66-3	
Chloromethane	ND	ug/kg	368	154	20	05/11/21 16:38	05/12/21 00:59	74-87-3	
2-Chlorotoluene	ND	ug/kg	184	65.1	20	05/11/21 16:38	05/12/21 00:59	95-49-8	
4-Chlorotoluene	ND	ug/kg	184	32.5	20	05/11/21 16:38	05/12/21 00:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	184	71.3	20	05/11/21 16:38	05/12/21 00:59	96-12-8	
Dibromochloromethane	ND	ug/kg	184	103	20	05/11/21 16:38	05/12/21 00:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	184	80.9	20	05/11/21 16:38	05/12/21 00:59	106-93-4	
Dibromomethane	ND	ug/kg	184	39.3	20	05/11/21 16:38	05/12/21 00:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	184	66.2	20	05/11/21 16:38	05/12/21 00:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	184	57.0	20	05/11/21 16:38	05/12/21 00:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	184	47.8	20	05/11/21 16:38	05/12/21 00:59	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	368	79.8	20	05/11/21 16:38	05/12/21 00:59	75-71-8	
1,1-Dichloroethane	ND	ug/kg	184	75.7	20	05/11/21 16:38	05/12/21 00:59	75-34-3	
1,2-Dichloroethane	ND	ug/kg	184	122	20	05/11/21 16:38	05/12/21 00:59	107-06-2	
1,1-Dichloroethene	ND	ug/kg	184	75.7	20	05/11/21 16:38	05/12/21 00:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	184	62.9	20	05/11/21 16:38	05/12/21 00:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	184	64.3	20	05/11/21 16:38	05/12/21 00:59	156-60-5	
1,2-Dichloropropane	ND	ug/kg	184	55.1	20	05/11/21 16:38	05/12/21 00:59	78-87-5	
1,3-Dichloropropane	ND	ug/kg	184	57.3	20	05/11/21 16:38	05/12/21 00:59	142-28-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville/CPC 21078
Pace Project No.: 92537482

Sample: RW-65 36-38 **Lab ID: 92537482003** Collected: 05/06/21 15:40 Received: 05/06/21 17:40 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									
2,2-Dichloropropane	ND	ug/kg	184	59.9	20	05/11/21 16:38	05/12/21 00:59	594-20-7	
1,1-Dichloropropene	ND	ug/kg	184	88.2	20	05/11/21 16:38	05/12/21 00:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	184	50.0	20	05/11/21 16:38	05/12/21 00:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	184	63.2	20	05/11/21 16:38	05/12/21 00:59	10061-02-6	
Diisopropyl ether	1070	ug/kg	184	49.6	20	05/11/21 16:38	05/12/21 00:59	108-20-3	
Ethylbenzene	57300	ug/kg	184	85.7	20	05/11/21 16:38	05/12/21 00:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	368	301	20	05/11/21 16:38	05/12/21 00:59	87-68-3	
2-Hexanone	ND	ug/kg	1840	177	20	05/11/21 16:38	05/12/21 00:59	591-78-6	
Isopropylbenzene (Cumene)	5890	ug/kg	184	62.5	20	05/11/21 16:38	05/12/21 00:59	98-82-8	
p-Isopropyltoluene	5880	ug/kg	184	90.4	20	05/11/21 16:38	05/12/21 00:59	99-87-6	
Methylene Chloride	ND	ug/kg	735	504	20	05/11/21 16:38	05/12/21 00:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	5230	ug/kg	1840	177	20	05/11/21 16:38	05/12/21 00:59	108-10-1	
Methyl-tert-butyl ether	281	ug/kg	184	68.7	20	05/11/21 16:38	05/12/21 00:59	1634-04-4	
Naphthalene	15100	ug/kg	184	96.7	20	05/11/21 16:38	05/12/21 00:59	91-20-3	
n-Propylbenzene	21400	ug/kg	184	65.4	20	05/11/21 16:38	05/12/21 00:59	103-65-1	
Styrene	ND	ug/kg	184	48.5	20	05/11/21 16:38	05/12/21 00:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	184	70.6	20	05/11/21 16:38	05/12/21 00:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	184	48.5	20	05/11/21 16:38	05/12/21 00:59	79-34-5	
Tetrachloroethene	ND	ug/kg	184	58.1	20	05/11/21 16:38	05/12/21 00:59	127-18-4	
Toluene	144000	ug/kg	184	52.2	20	05/11/21 16:38	05/12/21 00:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	184	149	20	05/11/21 16:38	05/12/21 00:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	184	154	20	05/11/21 16:38	05/12/21 00:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	184	95.6	20	05/11/21 16:38	05/12/21 00:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	184	61.0	20	05/11/21 16:38	05/12/21 00:59	79-00-5	
Trichloroethene	ND	ug/kg	184	47.4	20	05/11/21 16:38	05/12/21 00:59	79-01-6	
Trichlorofluoromethane	ND	ug/kg	184	101	20	05/11/21 16:38	05/12/21 00:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	184	93.0	20	05/11/21 16:38	05/12/21 00:59	96-18-4	
1,2,4-Trimethylbenzene	131000	ug/kg	184	50.4	20	05/11/21 16:38	05/12/21 00:59	95-63-6	
1,3,5-Trimethylbenzene	37500	ug/kg	184	61.8	20	05/11/21 16:38	05/12/21 00:59	108-67-8	
Vinyl acetate	ND	ug/kg	1840	134	20	05/11/21 16:38	05/12/21 00:59	108-05-4	
Vinyl chloride	ND	ug/kg	368	93.4	20	05/11/21 16:38	05/12/21 00:59	75-01-4	
Xylene (Total)	339000	ug/kg	368	105	20	05/11/21 16:38	05/12/21 00:59	1330-20-7	
m&p-Xylene	237000	ug/kg	368	126	20	05/11/21 16:38	05/12/21 00:59	179601-23-1	
o-Xylene	103000	ug/kg	184	81.2	20	05/11/21 16:38	05/12/21 00:59	95-47-6	
Surrogates									
Toluene-d8 (S)	98	%	70-130		20	05/11/21 16:38	05/12/21 00:59	2037-26-5	
4-Bromofluorobenzene (S)	100	%	69-134		20	05/11/21 16:38	05/12/21 00:59	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		20	05/11/21 16:38	05/12/21 00:59	17060-07-0	

Percent Moisture

Analytical Method: SW-846
Pace Analytical Services - Charlotte

Percent Moisture	16.2	%	0.10	0.10	1		05/07/21 16:58		N2
------------------	-------------	---	------	------	---	--	----------------	--	----

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

Sample: RW-65 38-40 **Lab ID: 92537482004** Collected: 05/06/21 15:45 Received: 05/06/21 17:40 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)	7140	mg/kg	50.6	50.6	10	05/10/21 10:16	05/11/21 08:41		N2
Aliphatic (C05-C08)	4800	mg/kg	50.6	50.6	10	05/10/21 10:16	05/11/21 08:41		N2
Aliphatic (C09-C12)	2340	mg/kg	50.6	50.6	10	05/10/21 10:16	05/11/21 08:41		N2
Aliphatic(C09-C12) Adjusted	1690	mg/kg	50.6	50.6	10	05/10/21 10:16	05/11/21 08:41		N2
Aromatic (C09-C10)	648	mg/kg	50.6	50.6	10	05/10/21 10:16	05/11/21 08:41		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	113	%	70-130		10	05/10/21 10:16	05/11/21 08:41	460-00-4	
4-Bromofluorobenzene (PID) (S)	94	%	70-130		10	05/10/21 10:16	05/11/21 08:41	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	4830	1550	25	05/11/21 16:38	05/12/21 01:17	67-64-1	
Benzene	15600	ug/kg	242	96.1	25	05/11/21 16:38	05/12/21 01:17	71-43-2	
Bromobenzene	ND	ug/kg	242	78.7	25	05/11/21 16:38	05/12/21 01:17	108-86-1	
Bromochloromethane	ND	ug/kg	242	71.5	25	05/11/21 16:38	05/12/21 01:17	74-97-5	
Bromodichloromethane	ND	ug/kg	242	93.2	25	05/11/21 16:38	05/12/21 01:17	75-27-4	
Bromoform	ND	ug/kg	242	85.0	25	05/11/21 16:38	05/12/21 01:17	75-25-2	
Bromomethane	ND	ug/kg	483	382	25	05/11/21 16:38	05/12/21 01:17	74-83-9	
2-Butanone (MEK)	ND	ug/kg	4830	1160	25	05/11/21 16:38	05/12/21 01:17	78-93-3	
n-Butylbenzene	7020	ug/kg	242	114	25	05/11/21 16:38	05/12/21 01:17	104-51-8	
sec-Butylbenzene	ND	ug/kg	242	106	25	05/11/21 16:38	05/12/21 01:17	135-98-8	
tert-Butylbenzene	ND	ug/kg	242	86.0	25	05/11/21 16:38	05/12/21 01:17	98-06-6	
Carbon tetrachloride	ND	ug/kg	242	90.3	25	05/11/21 16:38	05/12/21 01:17	56-23-5	
Chlorobenzene	ND	ug/kg	242	46.4	25	05/11/21 16:38	05/12/21 01:17	108-90-7	
Chloroethane	ND	ug/kg	483	186	25	05/11/21 16:38	05/12/21 01:17	75-00-3	
Chloroform	ND	ug/kg	242	147	25	05/11/21 16:38	05/12/21 01:17	67-66-3	
Chloromethane	ND	ug/kg	483	203	25	05/11/21 16:38	05/12/21 01:17	74-87-3	
2-Chlorotoluene	ND	ug/kg	242	85.5	25	05/11/21 16:38	05/12/21 01:17	95-49-8	
4-Chlorotoluene	ND	ug/kg	242	42.7	25	05/11/21 16:38	05/12/21 01:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	242	93.7	25	05/11/21 16:38	05/12/21 01:17	96-12-8	
Dibromochloromethane	ND	ug/kg	242	136	25	05/11/21 16:38	05/12/21 01:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	242	106	25	05/11/21 16:38	05/12/21 01:17	106-93-4	
Dibromomethane	ND	ug/kg	242	51.7	25	05/11/21 16:38	05/12/21 01:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	242	86.9	25	05/11/21 16:38	05/12/21 01:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	242	74.9	25	05/11/21 16:38	05/12/21 01:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	242	62.8	25	05/11/21 16:38	05/12/21 01:17	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	483	105	25	05/11/21 16:38	05/12/21 01:17	75-71-8	
1,1-Dichloroethane	ND	ug/kg	242	99.5	25	05/11/21 16:38	05/12/21 01:17	75-34-3	
1,2-Dichloroethane	ND	ug/kg	242	160	25	05/11/21 16:38	05/12/21 01:17	107-06-2	
1,1-Dichloroethene	ND	ug/kg	242	99.5	25	05/11/21 16:38	05/12/21 01:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	242	82.6	25	05/11/21 16:38	05/12/21 01:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	242	84.5	25	05/11/21 16:38	05/12/21 01:17	156-60-5	
1,2-Dichloropropane	ND	ug/kg	242	72.5	25	05/11/21 16:38	05/12/21 01:17	78-87-5	
1,3-Dichloropropane	ND	ug/kg	242	75.3	25	05/11/21 16:38	05/12/21 01:17	142-28-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

Sample: RW-65 38-40 **Lab ID: 92537482004** Collected: 05/06/21 15:45 Received: 05/06/21 17:40 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									
2,2-Dichloropropane	ND	ug/kg	242	78.7	25	05/11/21 16:38	05/12/21 01:17	594-20-7	
1,1-Dichloropropene	ND	ug/kg	242	116	25	05/11/21 16:38	05/12/21 01:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	242	65.7	25	05/11/21 16:38	05/12/21 01:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	242	83.1	25	05/11/21 16:38	05/12/21 01:17	10061-02-6	
Diisopropyl ether	1320	ug/kg	242	65.2	25	05/11/21 16:38	05/12/21 01:17	108-20-3	
Ethylbenzene	64700	ug/kg	242	113	25	05/11/21 16:38	05/12/21 01:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	483	395	25	05/11/21 16:38	05/12/21 01:17	87-68-3	
2-Hexanone	ND	ug/kg	2420	233	25	05/11/21 16:38	05/12/21 01:17	591-78-6	
Isopropylbenzene (Cumene)	6320	ug/kg	242	82.1	25	05/11/21 16:38	05/12/21 01:17	98-82-8	
p-Isopropyltoluene	5990	ug/kg	242	119	25	05/11/21 16:38	05/12/21 01:17	99-87-6	
Methylene Chloride	ND	ug/kg	966	662	25	05/11/21 16:38	05/12/21 01:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	5940	ug/kg	2420	233	25	05/11/21 16:38	05/12/21 01:17	108-10-1	
Methyl-tert-butyl ether	213J	ug/kg	242	90.3	25	05/11/21 16:38	05/12/21 01:17	1634-04-4	
Naphthalene	15900	ug/kg	242	127	25	05/11/21 16:38	05/12/21 01:17	91-20-3	
n-Propylbenzene	22600	ug/kg	242	86.0	25	05/11/21 16:38	05/12/21 01:17	103-65-1	
Styrene	ND	ug/kg	242	63.8	25	05/11/21 16:38	05/12/21 01:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	242	92.7	25	05/11/21 16:38	05/12/21 01:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	242	63.8	25	05/11/21 16:38	05/12/21 01:17	79-34-5	
Tetrachloroethene	ND	ug/kg	242	76.3	25	05/11/21 16:38	05/12/21 01:17	127-18-4	
Toluene	191000	ug/kg	242	68.6	25	05/11/21 16:38	05/12/21 01:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	242	195	25	05/11/21 16:38	05/12/21 01:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	242	203	25	05/11/21 16:38	05/12/21 01:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	242	126	25	05/11/21 16:38	05/12/21 01:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	242	80.2	25	05/11/21 16:38	05/12/21 01:17	79-00-5	
Trichloroethene	ND	ug/kg	242	62.3	25	05/11/21 16:38	05/12/21 01:17	79-01-6	
Trichlorofluoromethane	ND	ug/kg	242	133	25	05/11/21 16:38	05/12/21 01:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	242	122	25	05/11/21 16:38	05/12/21 01:17	96-18-4	
1,2,4-Trimethylbenzene	136000	ug/kg	242	66.2	25	05/11/21 16:38	05/12/21 01:17	95-63-6	
1,3,5-Trimethylbenzene	38700	ug/kg	242	81.1	25	05/11/21 16:38	05/12/21 01:17	108-67-8	
Vinyl acetate	ND	ug/kg	2420	176	25	05/11/21 16:38	05/12/21 01:17	108-05-4	
Vinyl chloride	ND	ug/kg	483	123	25	05/11/21 16:38	05/12/21 01:17	75-01-4	
Xylene (Total)	375000	ug/kg	483	138	25	05/11/21 16:38	05/12/21 01:17	1330-20-7	
m&p-Xylene	264000	ug/kg	483	165	25	05/11/21 16:38	05/12/21 01:17	179601-23-1	
o-Xylene	112000	ug/kg	242	107	25	05/11/21 16:38	05/12/21 01:17	95-47-6	
Surrogates									
Toluene-d8 (S)	98	%	70-130		25	05/11/21 16:38	05/12/21 01:17	2037-26-5	
4-Bromofluorobenzene (S)	101	%	69-134		25	05/11/21 16:38	05/12/21 01:17	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		25	05/11/21 16:38	05/12/21 01:17	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	12.2	%	0.10	0.10	1		05/07/21 16:58		N2
------------------	-------------	---	------	------	---	--	----------------	--	----

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville/CPC 21078
Pace Project No.: 92537482

Sample: RW-64 10-12 **Lab ID: 92537482005** Collected: 05/06/21 16:00 Received: 05/06/21 17:40 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)	197	mg/kg	6.1	6.1	1	05/07/21 14:14	05/08/21 04:55		N2
Aliphatic (C05-C08)	100	mg/kg	6.1	6.1	1	05/07/21 14:14	05/08/21 04:55		N2
Aliphatic (C09-C12)	97.0	mg/kg	6.1	6.1	1	05/07/21 14:14	05/08/21 04:55		N2
Aliphatic(C09-C12) Adjusted	69.6	mg/kg	6.1	6.1	1	05/07/21 14:14	05/08/21 04:55		N2
Aromatic (C09-C10)	27.4	mg/kg	6.1	6.1	1	05/07/21 14:14	05/08/21 04:55		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	104	%	70-130		1	05/07/21 14:14	05/08/21 04:55	460-00-4	
4-Bromofluorobenzene (PID) (S)	105	%	70-130		1	05/07/21 14:14	05/08/21 04:55	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	221	71.0	1	05/07/21 13:19	05/07/21 17:13	67-64-1	
Benzene	1280	ug/kg	11.1	4.4	1	05/07/21 13:19	05/07/21 17:13	71-43-2	
Bromobenzene	ND	ug/kg	11.1	3.6	1	05/07/21 13:19	05/07/21 17:13	108-86-1	
Bromochloromethane	ND	ug/kg	11.1	3.3	1	05/07/21 13:19	05/07/21 17:13	74-97-5	
Bromodichloromethane	ND	ug/kg	11.1	4.3	1	05/07/21 13:19	05/07/21 17:13	75-27-4	
Bromoform	ND	ug/kg	11.1	3.9	1	05/07/21 13:19	05/07/21 17:13	75-25-2	
Bromomethane	ND	ug/kg	22.1	17.5	1	05/07/21 13:19	05/07/21 17:13	74-83-9	
2-Butanone (MEK)	ND	ug/kg	221	53.1	1	05/07/21 13:19	05/07/21 17:13	78-93-3	
n-Butylbenzene	ND	ug/kg	11.1	5.2	1	05/07/21 13:19	05/07/21 17:13	104-51-8	
sec-Butylbenzene	ND	ug/kg	11.1	4.9	1	05/07/21 13:19	05/07/21 17:13	135-98-8	
tert-Butylbenzene	ND	ug/kg	11.1	3.9	1	05/07/21 13:19	05/07/21 17:13	98-06-6	
Carbon tetrachloride	ND	ug/kg	11.1	4.1	1	05/07/21 13:19	05/07/21 17:13	56-23-5	
Chlorobenzene	ND	ug/kg	11.1	2.1	1	05/07/21 13:19	05/07/21 17:13	108-90-7	
Chloroethane	ND	ug/kg	22.1	8.5	1	05/07/21 13:19	05/07/21 17:13	75-00-3	
Chloroform	ND	ug/kg	11.1	6.7	1	05/07/21 13:19	05/07/21 17:13	67-66-3	
Chloromethane	ND	ug/kg	22.1	9.3	1	05/07/21 13:19	05/07/21 17:13	74-87-3	
2-Chlorotoluene	ND	ug/kg	11.1	3.9	1	05/07/21 13:19	05/07/21 17:13	95-49-8	
4-Chlorotoluene	ND	ug/kg	11.1	2.0	1	05/07/21 13:19	05/07/21 17:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	11.1	4.3	1	05/07/21 13:19	05/07/21 17:13	96-12-8	
Dibromochloromethane	ND	ug/kg	11.1	6.2	1	05/07/21 13:19	05/07/21 17:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	11.1	4.9	1	05/07/21 13:19	05/07/21 17:13	106-93-4	
Dibromomethane	ND	ug/kg	11.1	2.4	1	05/07/21 13:19	05/07/21 17:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	11.1	4.0	1	05/07/21 13:19	05/07/21 17:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	11.1	3.4	1	05/07/21 13:19	05/07/21 17:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	11.1	2.9	1	05/07/21 13:19	05/07/21 17:13	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	22.1	4.8	1	05/07/21 13:19	05/07/21 17:13	75-71-8	
1,1-Dichloroethane	ND	ug/kg	11.1	4.6	1	05/07/21 13:19	05/07/21 17:13	75-34-3	
1,2-Dichloroethane	ND	ug/kg	11.1	7.3	1	05/07/21 13:19	05/07/21 17:13	107-06-2	
1,1-Dichloroethene	ND	ug/kg	11.1	4.6	1	05/07/21 13:19	05/07/21 17:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	11.1	3.8	1	05/07/21 13:19	05/07/21 17:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	11.1	3.9	1	05/07/21 13:19	05/07/21 17:13	156-60-5	
1,2-Dichloropropane	ND	ug/kg	11.1	3.3	1	05/07/21 13:19	05/07/21 17:13	78-87-5	
1,3-Dichloropropane	ND	ug/kg	11.1	3.4	1	05/07/21 13:19	05/07/21 17:13	142-28-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

Sample: RW-64 10-12 **Lab ID: 92537482005** Collected: 05/06/21 16:00 Received: 05/06/21 17:40 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									
2,2-Dichloropropane	ND	ug/kg	11.1	3.6	1	05/07/21 13:19	05/07/21 17:13	594-20-7	
1,1-Dichloropropene	ND	ug/kg	11.1	5.3	1	05/07/21 13:19	05/07/21 17:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	11.1	3.0	1	05/07/21 13:19	05/07/21 17:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	11.1	3.8	1	05/07/21 13:19	05/07/21 17:13	10061-02-6	
Diisopropyl ether	239	ug/kg	11.1	3.0	1	05/07/21 13:19	05/07/21 17:13	108-20-3	v3
Ethylbenzene	1230	ug/kg	11.1	5.2	1	05/07/21 13:19	05/07/21 17:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	22.1	18.1	1	05/07/21 13:19	05/07/21 17:13	87-68-3	
2-Hexanone	ND	ug/kg	11.1	10.7	1	05/07/21 13:19	05/07/21 17:13	591-78-6	
Isopropylbenzene (Cumene)	72.0	ug/kg	11.1	3.8	1	05/07/21 13:19	05/07/21 17:13	98-82-8	
p-Isopropyltoluene	56.4	ug/kg	11.1	5.4	1	05/07/21 13:19	05/07/21 17:13	99-87-6	
Methylene Chloride	ND	ug/kg	44.2	30.3	1	05/07/21 13:19	05/07/21 17:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.1	10.7	1	05/07/21 13:19	05/07/21 17:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	11.1	4.1	1	05/07/21 13:19	05/07/21 17:13	1634-04-4	
Naphthalene	169	ug/kg	11.1	5.8	1	05/07/21 13:19	05/07/21 17:13	91-20-3	
n-Propylbenzene	246	ug/kg	11.1	3.9	1	05/07/21 13:19	05/07/21 17:13	103-65-1	
Styrene	ND	ug/kg	11.1	2.9	1	05/07/21 13:19	05/07/21 17:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	11.1	4.2	1	05/07/21 13:19	05/07/21 17:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	11.1	2.9	1	05/07/21 13:19	05/07/21 17:13	79-34-5	
Tetrachloroethene	ND	ug/kg	11.1	3.5	1	05/07/21 13:19	05/07/21 17:13	127-18-4	
Toluene	8030	ug/kg	11.1	3.1	1	05/07/21 13:19	05/07/21 17:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	11.1	8.9	1	05/07/21 13:19	05/07/21 17:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	11.1	9.3	1	05/07/21 13:19	05/07/21 17:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	11.1	5.7	1	05/07/21 13:19	05/07/21 17:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	11.1	3.7	1	05/07/21 13:19	05/07/21 17:13	79-00-5	
Trichloroethene	ND	ug/kg	11.1	2.9	1	05/07/21 13:19	05/07/21 17:13	79-01-6	
Trichlorofluoromethane	ND	ug/kg	11.1	6.1	1	05/07/21 13:19	05/07/21 17:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	11.1	5.6	1	05/07/21 13:19	05/07/21 17:13	96-18-4	
1,2,4-Trimethylbenzene	1630	ug/kg	11.1	3.0	1	05/07/21 13:19	05/07/21 17:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	11.1	3.7	1	05/07/21 13:19	05/07/21 17:13	108-67-8	
Vinyl acetate	ND	ug/kg	11.1	8.0	1	05/07/21 13:19	05/07/21 17:13	108-05-4	
Vinyl chloride	ND	ug/kg	22.1	5.6	1	05/07/21 13:19	05/07/21 17:13	75-01-4	
Xylene (Total)	7460	ug/kg	22.1	6.3	1	05/07/21 13:19	05/07/21 17:13	1330-20-7	
m&p-Xylene	5220	ug/kg	22.1	7.6	1	05/07/21 13:19	05/07/21 17:13	179601-23-1	
o-Xylene	2250	ug/kg	11.1	4.9	1	05/07/21 13:19	05/07/21 17:13	95-47-6	
Surrogates									
Toluene-d8 (S)	98	%	70-130		1	05/07/21 13:19	05/07/21 17:13	2037-26-5	
4-Bromofluorobenzene (S)	102	%	69-134		1	05/07/21 13:19	05/07/21 17:13	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1	05/07/21 13:19	05/07/21 17:13	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	23.3	%	0.10	0.10	1		05/07/21 16:59		N2
------------------	-------------	---	------	------	---	--	----------------	--	----

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

Sample: RW-64 20-22 **Lab ID: 92537482006** Collected: 05/06/21 16:05 Received: 05/06/21 17:40 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)	15400	mg/kg	117	117	20	05/10/21 10:16	05/11/21 09:37		N2
Aliphatic (C05-C08)	8610	mg/kg	117	117	20	05/10/21 10:16	05/11/21 09:37		N2
Aliphatic (C09-C12)	6760	mg/kg	117	117	20	05/10/21 10:16	05/11/21 09:37		N2
Aliphatic(C09-C12) Adjusted	5160	mg/kg	117	117	20	05/10/21 10:16	05/11/21 09:37		N2
Aromatic (C09-C10)	1600	mg/kg	117	117	20	05/10/21 10:16	05/11/21 09:37		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	131	%	70-130		20	05/10/21 10:16	05/11/21 09:37	460-00-4	S2
4-Bromofluorobenzene (PID) (S)	96	%	70-130		20	05/10/21 10:16	05/11/21 09:37	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	11800	3800	50	05/11/21 16:38	05/12/21 02:11	67-64-1	
Benzene	13700	ug/kg	591	235	50	05/11/21 16:38	05/12/21 02:11	71-43-2	
Bromobenzene	ND	ug/kg	591	193	50	05/11/21 16:38	05/12/21 02:11	108-86-1	
Bromochloromethane	ND	ug/kg	591	175	50	05/11/21 16:38	05/12/21 02:11	74-97-5	
Bromodichloromethane	ND	ug/kg	591	228	50	05/11/21 16:38	05/12/21 02:11	75-27-4	
Bromoform	ND	ug/kg	591	208	50	05/11/21 16:38	05/12/21 02:11	75-25-2	
Bromomethane	ND	ug/kg	1180	934	50	05/11/21 16:38	05/12/21 02:11	74-83-9	
2-Butanone (MEK)	ND	ug/kg	11800	2840	50	05/11/21 16:38	05/12/21 02:11	78-93-3	
n-Butylbenzene	17800	ug/kg	591	279	50	05/11/21 16:38	05/12/21 02:11	104-51-8	
sec-Butylbenzene	ND	ug/kg	591	260	50	05/11/21 16:38	05/12/21 02:11	135-98-8	
tert-Butylbenzene	ND	ug/kg	591	211	50	05/11/21 16:38	05/12/21 02:11	98-06-6	
Carbon tetrachloride	ND	ug/kg	591	221	50	05/11/21 16:38	05/12/21 02:11	56-23-5	
Chlorobenzene	ND	ug/kg	591	114	50	05/11/21 16:38	05/12/21 02:11	108-90-7	
Chloroethane	ND	ug/kg	1180	456	50	05/11/21 16:38	05/12/21 02:11	75-00-3	
Chloroform	ND	ug/kg	591	360	50	05/11/21 16:38	05/12/21 02:11	67-66-3	
Chloromethane	ND	ug/kg	1180	497	50	05/11/21 16:38	05/12/21 02:11	74-87-3	
2-Chlorotoluene	ND	ug/kg	591	209	50	05/11/21 16:38	05/12/21 02:11	95-49-8	
4-Chlorotoluene	ND	ug/kg	591	105	50	05/11/21 16:38	05/12/21 02:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	591	229	50	05/11/21 16:38	05/12/21 02:11	96-12-8	
Dibromochloromethane	ND	ug/kg	591	332	50	05/11/21 16:38	05/12/21 02:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	591	260	50	05/11/21 16:38	05/12/21 02:11	106-93-4	
Dibromomethane	ND	ug/kg	591	127	50	05/11/21 16:38	05/12/21 02:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	591	213	50	05/11/21 16:38	05/12/21 02:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	591	183	50	05/11/21 16:38	05/12/21 02:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	591	154	50	05/11/21 16:38	05/12/21 02:11	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	1180	257	50	05/11/21 16:38	05/12/21 02:11	75-71-8	
1,1-Dichloroethane	ND	ug/kg	591	244	50	05/11/21 16:38	05/12/21 02:11	75-34-3	
1,2-Dichloroethane	ND	ug/kg	591	391	50	05/11/21 16:38	05/12/21 02:11	107-06-2	
1,1-Dichloroethene	ND	ug/kg	591	244	50	05/11/21 16:38	05/12/21 02:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	591	202	50	05/11/21 16:38	05/12/21 02:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	591	207	50	05/11/21 16:38	05/12/21 02:11	156-60-5	
1,2-Dichloropropane	ND	ug/kg	591	177	50	05/11/21 16:38	05/12/21 02:11	78-87-5	
1,3-Dichloropropane	ND	ug/kg	591	184	50	05/11/21 16:38	05/12/21 02:11	142-28-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

Sample: RW-64 20-22 **Lab ID: 92537482006** Collected: 05/06/21 16:05 Received: 05/06/21 17:40 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									
2,2-Dichloropropane	ND	ug/kg	591	193	50	05/11/21 16:38	05/12/21 02:11	594-20-7	
1,1-Dichloropropene	ND	ug/kg	591	284	50	05/11/21 16:38	05/12/21 02:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	591	161	50	05/11/21 16:38	05/12/21 02:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	591	203	50	05/11/21 16:38	05/12/21 02:11	10061-02-6	
Diisopropyl ether	1430	ug/kg	591	160	50	05/11/21 16:38	05/12/21 02:11	108-20-3	
Ethylbenzene	182000	ug/kg	591	276	50	05/11/21 16:38	05/12/21 02:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	1180	967	50	05/11/21 16:38	05/12/21 02:11	87-68-3	
2-Hexanone	ND	ug/kg	5910	570	50	05/11/21 16:38	05/12/21 02:11	591-78-6	
Isopropylbenzene (Cumene)	17200	ug/kg	591	201	50	05/11/21 16:38	05/12/21 02:11	98-82-8	
p-Isopropyltoluene	15900	ug/kg	591	291	50	05/11/21 16:38	05/12/21 02:11	99-87-6	
Methylene Chloride	ND	ug/kg	2370	1620	50	05/11/21 16:38	05/12/21 02:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	14600	ug/kg	5910	570	50	05/11/21 16:38	05/12/21 02:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	591	221	50	05/11/21 16:38	05/12/21 02:11	1634-04-4	
Naphthalene	36900	ug/kg	591	311	50	05/11/21 16:38	05/12/21 02:11	91-20-3	
n-Propylbenzene	62500	ug/kg	591	211	50	05/11/21 16:38	05/12/21 02:11	103-65-1	
Styrene	ND	ug/kg	591	156	50	05/11/21 16:38	05/12/21 02:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	591	227	50	05/11/21 16:38	05/12/21 02:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	591	156	50	05/11/21 16:38	05/12/21 02:11	79-34-5	
Tetrachloroethene	ND	ug/kg	591	187	50	05/11/21 16:38	05/12/21 02:11	127-18-4	
Toluene	411000	ug/kg	591	168	50	05/11/21 16:38	05/12/21 02:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	591	478	50	05/11/21 16:38	05/12/21 02:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	591	497	50	05/11/21 16:38	05/12/21 02:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	591	307	50	05/11/21 16:38	05/12/21 02:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	591	196	50	05/11/21 16:38	05/12/21 02:11	79-00-5	
Trichloroethene	ND	ug/kg	591	153	50	05/11/21 16:38	05/12/21 02:11	79-01-6	
Trichlorofluoromethane	ND	ug/kg	591	325	50	05/11/21 16:38	05/12/21 02:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	591	299	50	05/11/21 16:38	05/12/21 02:11	96-18-4	
1,2,4-Trimethylbenzene	351000	ug/kg	591	162	50	05/11/21 16:38	05/12/21 02:11	95-63-6	
1,3,5-Trimethylbenzene	101000	ug/kg	591	199	50	05/11/21 16:38	05/12/21 02:11	108-67-8	
Vinyl acetate	ND	ug/kg	5910	430	50	05/11/21 16:38	05/12/21 02:11	108-05-4	
Vinyl chloride	ND	ug/kg	1180	300	50	05/11/21 16:38	05/12/21 02:11	75-01-4	
Xylene (Total)	1060000	ug/kg	1180	337	50	05/11/21 16:38	05/12/21 02:11	1330-20-7	
m&p-Xylene	751000	ug/kg	1180	404	50	05/11/21 16:38	05/12/21 02:11	179601-23-1	
o-Xylene	314000	ug/kg	591	261	50	05/11/21 16:38	05/12/21 02:11	95-47-6	
Surrogates									
Toluene-d8 (S)	97	%	70-130		50	05/11/21 16:38	05/12/21 02:11	2037-26-5	
4-Bromofluorobenzene (S)	100	%	69-134		50	05/11/21 16:38	05/12/21 02:11	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		50	05/11/21 16:38	05/12/21 02:11	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	16.5	%	0.10	0.10	1		05/07/21 16:59		N2
------------------	-------------	---	------	------	---	--	----------------	--	----

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

Sample: RW-65 28-30 **Lab ID: 92537482007** Collected: 05/06/21 16:10 Received: 05/06/21 17:40 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)	26900	mg/kg	258	258	50	05/10/21 10:16	05/11/21 10:34		N2
Aliphatic (C05-C08)	14900	mg/kg	258	258	50	05/10/21 10:16	05/11/21 10:34		N2
Aliphatic (C09-C12)	12000	mg/kg	258	258	50	05/10/21 10:16	05/11/21 10:34		N2
Aliphatic(C09-C12) Adjusted	8640	mg/kg	258	258	50	05/10/21 10:16	05/11/21 10:34		N2
Aromatic (C09-C10)	3330	mg/kg	258	258	50	05/10/21 10:16	05/11/21 10:34		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	113	%	70-130		50	05/10/21 10:16	05/11/21 10:34	460-00-4	
4-Bromofluorobenzene (PID) (S)	96	%	70-130		50	05/10/21 10:16	05/11/21 10:34	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	24800	7950	125	05/11/21 16:38	05/12/21 02:47	67-64-1	
Benzene	31400	ug/kg	1240	493	125	05/11/21 16:38	05/12/21 02:47	71-43-2	
Bromobenzene	ND	ug/kg	1240	403	125	05/11/21 16:38	05/12/21 02:47	108-86-1	
Bromochloromethane	ND	ug/kg	1240	366	125	05/11/21 16:38	05/12/21 02:47	74-97-5	
Bromodichloromethane	ND	ug/kg	1240	478	125	05/11/21 16:38	05/12/21 02:47	75-27-4	
Bromoform	ND	ug/kg	1240	436	125	05/11/21 16:38	05/12/21 02:47	75-25-2	
Bromomethane	ND	ug/kg	2480	1960	125	05/11/21 16:38	05/12/21 02:47	74-83-9	
2-Butanone (MEK)	ND	ug/kg	24800	5940	125	05/11/21 16:38	05/12/21 02:47	78-93-3	
n-Butylbenzene	38500	ug/kg	1240	584	125	05/11/21 16:38	05/12/21 02:47	104-51-8	
sec-Butylbenzene	ND	ug/kg	1240	545	125	05/11/21 16:38	05/12/21 02:47	135-98-8	
tert-Butylbenzene	ND	ug/kg	1240	441	125	05/11/21 16:38	05/12/21 02:47	98-06-6	
Carbon tetrachloride	ND	ug/kg	1240	463	125	05/11/21 16:38	05/12/21 02:47	56-23-5	
Chlorobenzene	1160J	ug/kg	1240	238	125	05/11/21 16:38	05/12/21 02:47	108-90-7	
Chloroethane	ND	ug/kg	2480	956	125	05/11/21 16:38	05/12/21 02:47	75-00-3	
Chloroform	ND	ug/kg	1240	753	125	05/11/21 16:38	05/12/21 02:47	67-66-3	
Chloromethane	ND	ug/kg	2480	1040	125	05/11/21 16:38	05/12/21 02:47	74-87-3	
2-Chlorotoluene	ND	ug/kg	1240	438	125	05/11/21 16:38	05/12/21 02:47	95-49-8	
4-Chlorotoluene	ND	ug/kg	1240	219	125	05/11/21 16:38	05/12/21 02:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	1240	480	125	05/11/21 16:38	05/12/21 02:47	96-12-8	
Dibromochloromethane	ND	ug/kg	1240	696	125	05/11/21 16:38	05/12/21 02:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	1240	545	125	05/11/21 16:38	05/12/21 02:47	106-93-4	
Dibromomethane	ND	ug/kg	1240	265	125	05/11/21 16:38	05/12/21 02:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	1240	446	125	05/11/21 16:38	05/12/21 02:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	1240	384	125	05/11/21 16:38	05/12/21 02:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	1240	322	125	05/11/21 16:38	05/12/21 02:47	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	2480	537	125	05/11/21 16:38	05/12/21 02:47	75-71-8	
1,1-Dichloroethane	ND	ug/kg	1240	510	125	05/11/21 16:38	05/12/21 02:47	75-34-3	
1,2-Dichloroethane	ND	ug/kg	1240	819	125	05/11/21 16:38	05/12/21 02:47	107-06-2	
1,1-Dichloroethene	ND	ug/kg	1240	510	125	05/11/21 16:38	05/12/21 02:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	1240	423	125	05/11/21 16:38	05/12/21 02:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	1240	433	125	05/11/21 16:38	05/12/21 02:47	156-60-5	
1,2-Dichloropropane	ND	ug/kg	1240	371	125	05/11/21 16:38	05/12/21 02:47	78-87-5	
1,3-Dichloropropane	ND	ug/kg	1240	386	125	05/11/21 16:38	05/12/21 02:47	142-28-9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

Sample: RW-65 28-30 **Lab ID: 92537482007** Collected: 05/06/21 16:10 Received: 05/06/21 17:40 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									
2,2-Dichloropropane	ND	ug/kg	1240	403	125	05/11/21 16:38	05/12/21 02:47	594-20-7	
1,1-Dichloropropene	ND	ug/kg	1240	594	125	05/11/21 16:38	05/12/21 02:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	1240	337	125	05/11/21 16:38	05/12/21 02:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	1240	426	125	05/11/21 16:38	05/12/21 02:47	10061-02-6	
Diisopropyl ether	2510	ug/kg	1240	334	125	05/11/21 16:38	05/12/21 02:47	108-20-3	
Ethylbenzene	377000	ug/kg	1240	577	125	05/11/21 16:38	05/12/21 02:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	2480	2020	125	05/11/21 16:38	05/12/21 02:47	87-68-3	
2-Hexanone	ND	ug/kg	12400	1190	125	05/11/21 16:38	05/12/21 02:47	591-78-6	
Isopropylbenzene (Cumene)	37600	ug/kg	1240	421	125	05/11/21 16:38	05/12/21 02:47	98-82-8	
p-Isopropyltoluene	35000	ug/kg	1240	609	125	05/11/21 16:38	05/12/21 02:47	99-87-6	
Methylene Chloride	ND	ug/kg	4950	3390	125	05/11/21 16:38	05/12/21 02:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	30900	ug/kg	12400	1190	125	05/11/21 16:38	05/12/21 02:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	1240	463	125	05/11/21 16:38	05/12/21 02:47	1634-04-4	
Naphthalene	85800	ug/kg	1240	651	125	05/11/21 16:38	05/12/21 02:47	91-20-3	
n-Propylbenzene	138000	ug/kg	1240	441	125	05/11/21 16:38	05/12/21 02:47	103-65-1	
Styrene	ND	ug/kg	1240	327	125	05/11/21 16:38	05/12/21 02:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	1240	475	125	05/11/21 16:38	05/12/21 02:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	1240	327	125	05/11/21 16:38	05/12/21 02:47	79-34-5	
Tetrachloroethene	ND	ug/kg	1240	391	125	05/11/21 16:38	05/12/21 02:47	127-18-4	
Toluene	878000	ug/kg	1240	352	125	05/11/21 16:38	05/12/21 02:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	1240	1000	125	05/11/21 16:38	05/12/21 02:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	1240	1040	125	05/11/21 16:38	05/12/21 02:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	1240	644	125	05/11/21 16:38	05/12/21 02:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	1240	411	125	05/11/21 16:38	05/12/21 02:47	79-00-5	
Trichloroethene	ND	ug/kg	1240	319	125	05/11/21 16:38	05/12/21 02:47	79-01-6	
Trichlorofluoromethane	ND	ug/kg	1240	681	125	05/11/21 16:38	05/12/21 02:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	1240	626	125	05/11/21 16:38	05/12/21 02:47	96-18-4	
1,2,4-Trimethylbenzene	783000	ug/kg	1240	339	125	05/11/21 16:38	05/12/21 02:47	95-63-6	
1,3,5-Trimethylbenzene	227000	ug/kg	1240	416	125	05/11/21 16:38	05/12/21 02:47	108-67-8	
Vinyl acetate	ND	ug/kg	12400	901	125	05/11/21 16:38	05/12/21 02:47	108-05-4	
Vinyl chloride	ND	ug/kg	2480	629	125	05/11/21 16:38	05/12/21 02:47	75-01-4	
Xylene (Total)	2210000	ug/kg	2480	706	125	05/11/21 16:38	05/12/21 02:47	1330-20-7	
m&p-Xylene	1560000	ug/kg	2480	847	125	05/11/21 16:38	05/12/21 02:47	179601-23-1	
o-Xylene	647000	ug/kg	1240	547	125	05/11/21 16:38	05/12/21 02:47	95-47-6	
Surrogates									
Toluene-d8 (S)	98	%	70-130		125	05/11/21 16:38	05/12/21 02:47	2037-26-5	
4-Bromofluorobenzene (S)	99	%	69-134		125	05/11/21 16:38	05/12/21 02:47	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		125	05/11/21 16:38	05/12/21 02:47	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	12.8	%	0.10	0.10	1		05/07/21 16:59		N2
------------------	-------------	---	------	------	---	--	----------------	--	----

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

QC Batch: 619033

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Soil

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92537482001, 92537482005

METHOD BLANK: 3257110

Matrix: Solid

Associated Lab Samples: 92537482001, 92537482005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	2.5	05/08/21 02:33	N2
Aliphatic (C09-C12)	mg/kg	ND	2.5	2.5	05/08/21 02:33	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	2.5	05/08/21 02:33	N2
4-Bromofluorobenzene (FID) (S)	%	97	70-130		05/08/21 02:33	
4-Bromofluorobenzene (PID) (S)	%	100	70-130		05/08/21 02:33	

LABORATORY CONTROL SAMPLE & LCSD: 3257111

3257112

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	15	18.2	14.8	121	98	70-130	21	25	N2
Aliphatic (C09-C12)	mg/kg	15	17.3	14.2	115	94	70-130	20	25	N2
Aromatic (C09-C10)	mg/kg	5	5.8	4.7	116	94	70-130	21	25	N2
4-Bromofluorobenzene (FID) (S)	%				102	96	70-130			
4-Bromofluorobenzene (PID) (S)	%				102	95	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

QC Batch:	619475	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Soil
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92537482002, 92537482003, 92537482004, 92537482006, 92537482007

METHOD BLANK: 3259161 Matrix: Solid

Associated Lab Samples: 92537482002, 92537482003, 92537482004, 92537482006, 92537482007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	2.5	05/10/21 18:54	N2
Aliphatic (C09-C12)	mg/kg	ND	2.5	2.5	05/10/21 18:54	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	2.5	05/10/21 18:54	N2
4-Bromofluorobenzene (FID) (S)	%	103	70-130		05/10/21 18:54	
4-Bromofluorobenzene (PID) (S)	%	104	70-130		05/10/21 18:54	

LABORATORY CONTROL SAMPLE & LCSD: 3259162

LABORATORY CONTROL SAMPLE & LCSD: 3259162			3259163							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	14.9	13.3	12.6	89	85	70-130	5	25	N2
Aliphatic (C09-C12)	mg/kg	14.9	16.7	15.4	112	103	70-130	8	25	N2
Aromatic (C09-C10)	mg/kg	5	5.3	4.9	106	99	70-130	7	25	N2
4-Bromofluorobenzene (FID) (S)	%				103	107	70-130			
4-Bromofluorobenzene (PID) (S)	%				102	106	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

QC Batch: 618999

Analysis Method: EPA 8260D

QC Batch Method: EPA 5035A/5030B

Analysis Description: 8260D 5035A 5030B

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92537482001, 92537482005

METHOD BLANK: 3256957

Matrix: Solid

Associated Lab Samples: 92537482001, 92537482005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	05/07/21 14:30	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	05/07/21 14:30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	05/07/21 14:30	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	05/07/21 14:30	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	05/07/21 14:30	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	05/07/21 14:30	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	05/07/21 14:30	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	05/07/21 14:30	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	05/07/21 14:30	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	05/07/21 14:30	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	05/07/21 14:30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	05/07/21 14:30	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	05/07/21 14:30	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	05/07/21 14:30	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	05/07/21 14:30	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	05/07/21 14:30	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	05/07/21 14:30	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	05/07/21 14:30	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	05/07/21 14:30	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	05/07/21 14:30	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	05/07/21 14:30	
2-Butanone (MEK)	ug/kg	ND	100	24.0	05/07/21 14:30	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	05/07/21 14:30	
2-Hexanone	ug/kg	ND	50.0	4.8	05/07/21 14:30	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	05/07/21 14:30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	05/07/21 14:30	
Acetone	ug/kg	ND	100	32.1	05/07/21 14:30	
Benzene	ug/kg	ND	5.0	2.0	05/07/21 14:30	
Bromobenzene	ug/kg	ND	5.0	1.6	05/07/21 14:30	
Bromochloromethane	ug/kg	ND	5.0	1.5	05/07/21 14:30	
Bromodichloromethane	ug/kg	ND	5.0	1.9	05/07/21 14:30	
Bromoform	ug/kg	ND	5.0	1.8	05/07/21 14:30	
Bromomethane	ug/kg	ND	10.0	7.9	05/07/21 14:30	
Carbon tetrachloride	ug/kg	ND	5.0	1.9	05/07/21 14:30	
Chlorobenzene	ug/kg	ND	5.0	0.96	05/07/21 14:30	
Chloroethane	ug/kg	ND	10.0	3.9	05/07/21 14:30	
Chloroform	ug/kg	ND	5.0	3.0	05/07/21 14:30	
Chloromethane	ug/kg	ND	10.0	4.2	05/07/21 14:30	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	05/07/21 14:30	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	05/07/21 14:30	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

METHOD BLANK: 3256957

Matrix: Solid

Associated Lab Samples: 92537482001, 92537482005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	05/07/21 14:30	
Dibromomethane	ug/kg	ND	5.0	1.1	05/07/21 14:30	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	05/07/21 14:30	
Diisopropyl ether	ug/kg	ND	5.0	1.4	05/07/21 14:30	v2
Ethylbenzene	ug/kg	ND	5.0	2.3	05/07/21 14:30	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	05/07/21 14:30	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	05/07/21 14:30	
m&p-Xylene	ug/kg	ND	10.0	3.4	05/07/21 14:30	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	05/07/21 14:30	
Methylene Chloride	ug/kg	ND	20.0	13.7	05/07/21 14:30	
n-Butylbenzene	ug/kg	ND	5.0	2.4	05/07/21 14:30	
n-Propylbenzene	ug/kg	ND	5.0	1.8	05/07/21 14:30	
Naphthalene	ug/kg	ND	5.0	2.6	05/07/21 14:30	
o-Xylene	ug/kg	ND	5.0	2.2	05/07/21 14:30	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	05/07/21 14:30	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	05/07/21 14:30	
Styrene	ug/kg	ND	5.0	1.3	05/07/21 14:30	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	05/07/21 14:30	
Tetrachloroethene	ug/kg	ND	5.0	1.6	05/07/21 14:30	
Toluene	ug/kg	ND	5.0	1.4	05/07/21 14:30	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	05/07/21 14:30	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	05/07/21 14:30	
Trichloroethene	ug/kg	ND	5.0	1.3	05/07/21 14:30	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	05/07/21 14:30	
Vinyl acetate	ug/kg	ND	50.0	3.6	05/07/21 14:30	
Vinyl chloride	ug/kg	ND	10.0	2.5	05/07/21 14:30	
Xylene (Total)	ug/kg	ND	10.0	2.8	05/07/21 14:30	
1,2-Dichloroethane-d4 (S)	%	103	70-130		05/07/21 14:30	
4-Bromofluorobenzene (S)	%	103	69-134		05/07/21 14:30	
Toluene-d8 (S)	%	97	70-130		05/07/21 14:30	

LABORATORY CONTROL SAMPLE: 3256958

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1190	95	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1090	87	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1060	85	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1110	89	70-130	
1,1-Dichloroethane	ug/kg	1250	1010	81	70-130	
1,1-Dichloroethene	ug/kg	1250	1050	84	70-130	
1,1-Dichloropropene	ug/kg	1250	1030	82	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1150	92	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1060	85	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1110	89	68-130	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

LABORATORY CONTROL SAMPLE: 3256958

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	1130	90	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1160	93	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1100	88	70-130	
1,2-Dichloroethane	ug/kg	1250	1110	88	63-130	
1,2-Dichloropropane	ug/kg	1250	1070	85	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1140	92	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1070	85	70-130	
1,3-Dichloropropane	ug/kg	1250	1130	91	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1110	89	70-130	
2,2-Dichloropropane	ug/kg	1250	1040	83	66-130	
2-Butanone (MEK)	ug/kg	2500	2020	81	70-130	
2-Chlorotoluene	ug/kg	1250	1150	92	70-130	
2-Hexanone	ug/kg	2500	2200	88	70-130	
4-Chlorotoluene	ug/kg	1250	1090	87	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2120	85	70-130	
Acetone	ug/kg	2500	2050	82	69-130	
Benzene	ug/kg	1250	1100	88	70-130	
Bromobenzene	ug/kg	1250	1150	92	70-130	
Bromochloromethane	ug/kg	1250	1130	90	70-130	
Bromodichloromethane	ug/kg	1250	1140	91	69-130	
Bromoform	ug/kg	1250	1230	99	70-130	
Bromomethane	ug/kg	1250	1170	93	52-130	
Carbon tetrachloride	ug/kg	1250	1190	95	70-130	
Chlorobenzene	ug/kg	1250	1100	88	70-130	
Chloroethane	ug/kg	1250	1150	92	65-130	
Chloroform	ug/kg	1250	1010	81	70-130	
Chloromethane	ug/kg	1250	986	79	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1060	85	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1120	90	70-130	
Dibromochloromethane	ug/kg	1250	1210	97	70-130	
Dibromomethane	ug/kg	1250	1180	94	70-130	
Dichlorodifluoromethane	ug/kg	1250	1250	100	45-156	
Diisopropyl ether	ug/kg	1250	934	75	70-130 v3	
Ethylbenzene	ug/kg	1250	1040	83	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1200	96	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1110	89	70-130	
m&p-Xylene	ug/kg	2500	2260	90	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1050	84	70-130	
Methylene Chloride	ug/kg	1250	1000	80	65-130	
n-Butylbenzene	ug/kg	1250	1080	86	67-130	
n-Propylbenzene	ug/kg	1250	1070	86	70-130	
Naphthalene	ug/kg	1250	1080	87	70-130	
o-Xylene	ug/kg	1250	1110	89	70-130	
p-Isopropyltoluene	ug/kg	1250	1130	90	67-130	
sec-Butylbenzene	ug/kg	1250	1070	86	69-130	
Styrene	ug/kg	1250	1170	94	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

LABORATORY CONTROL SAMPLE: 3256958

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1070	86	67-130	
Tetrachloroethene	ug/kg	1250	1130	91	70-130	
Toluene	ug/kg	1250	1080	87	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1050	84	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1140	91	68-130	
Trichloroethene	ug/kg	1250	1120	90	70-130	
Trichlorofluoromethane	ug/kg	1250	1130	90	70-130	
Vinyl acetate	ug/kg	2500	2250	90	70-130	
Vinyl chloride	ug/kg	1250	1050	84	61-130	
Xylene (Total)	ug/kg	3750	3370	90	70-130	
1,2-Dichloroethane-d4 (S)	%			91	70-130	
4-Bromofluorobenzene (S)	%			103	69-134	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE SAMPLE: 3261611

Parameter	Units	92537169008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	536	586	109	70-131	
1,1,1-Trichloroethane	ug/kg	ND	536	601	112	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	536	602	112	66-130	
1,1,2-Trichloroethane	ug/kg	ND	536	615	115	66-133	
1,1-Dichloroethane	ug/kg	ND	536	574	107	65-130	
1,1-Dichloroethene	ug/kg	ND	536	639	119	10-158	
1,1-Dichloropropene	ug/kg	ND	536	620	116	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	536	ND	0	27-138 M1	
1,2,3-Trichloropropane	ug/kg	ND	536	568	106	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	536	645	120	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	536	594	111	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	536	534	100	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	536	565	105	70-130	
1,2-Dichlorobenzene	ug/kg	ND	536	572	107	69-130	
1,2-Dichloroethane	ug/kg	ND	536	573	107	59-130	
1,2-Dichloropropane	ug/kg	ND	536	606	113	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	536	620	116	65-137	
1,3-Dichlorobenzene	ug/kg	ND	536	611	114	70-130	
1,3-Dichloropropane	ug/kg	ND	536	592	111	70-130	
1,4-Dichlorobenzene	ug/kg	ND	536	554	103	68-130	
2,2-Dichloropropane	ug/kg	ND	536	588	110	32-130	
2-Butanone (MEK)	ug/kg	ND	1070	1180	110	10-136	
2-Chlorotoluene	ug/kg	ND	536	615	115	69-141	
2-Hexanone	ug/kg	ND	1070	1140	106	10-144	
4-Chlorotoluene	ug/kg	ND	536	585	109	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1070	1160	108	25-143	
Acetone	ug/kg	ND	1070	1100	98	10-130	
Benzene	ug/kg	ND	536	572	107	67-130	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

MATRIX SPIKE SAMPLE: 3261611		92537169008	Spike	MS	MS	% Rec	Qualifiers
Parameter	Units	Result	Conc.	Result	% Rec	Limits	
Bromobenzene	ug/kg	ND	536	592	111	70-130	
Bromochloromethane	ug/kg	ND	536	507	95	69-134	
Bromodichloromethane	ug/kg	ND	536	540	101	64-130	
Bromoform	ug/kg	ND	536	572	107	62-130	
Bromomethane	ug/kg	ND	536	775	145	20-176	
Carbon tetrachloride	ug/kg	ND	536	641	120	65-140	
Chlorobenzene	ug/kg	ND	536	597	112	70-130	
Chloroethane	ug/kg	ND	536	381	71	10-130	
Chloroform	ug/kg	ND	536	558	104	63-130	
Chloromethane	ug/kg	ND	536	656	122	58-130	
cis-1,2-Dichloroethene	ug/kg	ND	536	600	112	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	536	574	107	67-130	
Dibromochloromethane	ug/kg	ND	536	597	111	67-130	
Dibromomethane	ug/kg	ND	536	566	106	63-131	
Dichlorodifluoromethane	ug/kg	ND	536	680	127	44-180	
Diisopropyl ether	ug/kg	ND	536	583	109	63-130	
Ethylbenzene	ug/kg	23.3	536	606	109	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	536	865	162	64-150 M1	
Isopropylbenzene (Cumene)	ug/kg	10.5	536	671	123	69-135	
m&p-Xylene	ug/kg	ND	1070	1210	113	60-133	
Methyl-tert-butyl ether	ug/kg	ND	536	550	103	65-130	
Methylene Chloride	ug/kg	ND	536	611	114	61-130	
n-Butylbenzene	ug/kg	49.6	536	940	166	65-140 M1	
n-Propylbenzene	ug/kg	22.9	536	709	128	67-140	
Naphthalene	ug/kg	ND	536	688	129	15-145	
o-Xylene	ug/kg	ND	536	619	116	66-133	
p-Isopropyltoluene	ug/kg	ND	536	655	122	56-147	
sec-Butylbenzene	ug/kg	30.8	536	764	137	65-139	
Styrene	ug/kg	ND	536	620	116	70-132	
tert-Butylbenzene	ug/kg	ND	536	619	116	62-135	
Tetrachloroethene	ug/kg	ND	536	629	117	70-135	
Toluene	ug/kg	ND	536	580	108	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	536	617	115	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	536	557	104	62-130	
Trichloroethene	ug/kg	ND	536	597	112	70-135	
Trichlorofluoromethane	ug/kg	ND	536	334	62	10-130	
Vinyl acetate	ug/kg	ND	1070	1200	112	53-130	
Vinyl chloride	ug/kg	ND	536	598	112	61-148	
Xylene (Total)	ug/kg	ND	1610	1830	114	63-132	
1,2-Dichloroethane-d4 (S)	%				119	70-130	
4-Bromofluorobenzene (S)	%				111	69-134	
Toluene-d8 (S)	%				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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

SAMPLE DUPLICATE: 3261610

Parameter	Units	92537169004 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	5.0	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	59.6J		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	141	115	20	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	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

SAMPLE DUPLICATE: 3261610

Parameter	Units	92537169004 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)	%	100	102			
4-Bromofluorobenzene (S)	%	105	102			
Toluene-d8 (S)	%	99	102			

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

QC Batch: 619723

Analysis Method: EPA 8260D

QC Batch Method: EPA 5035A/5030B

Analysis Description: 8260D 5035A 5030B

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92537482002, 92537482003, 92537482004, 92537482006, 92537482007

METHOD BLANK: 3260502

Matrix: Solid

Associated Lab Samples: 92537482002, 92537482003, 92537482004, 92537482006, 92537482007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	05/11/21 20:28	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	05/11/21 20:28	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	05/11/21 20:28	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	05/11/21 20:28	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	05/11/21 20:28	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	05/11/21 20:28	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	05/11/21 20:28	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	05/11/21 20:28	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	05/11/21 20:28	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	05/11/21 20:28	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	05/11/21 20:28	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	05/11/21 20:28	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	05/11/21 20:28	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	05/11/21 20:28	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	05/11/21 20:28	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	05/11/21 20:28	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	05/11/21 20:28	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	05/11/21 20:28	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	05/11/21 20:28	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	05/11/21 20:28	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	05/11/21 20:28	
2-Butanone (MEK)	ug/kg	ND	100	24.0	05/11/21 20:28	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	05/11/21 20:28	
2-Hexanone	ug/kg	ND	50.0	4.8	05/11/21 20:28	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	05/11/21 20:28	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	05/11/21 20:28	
Acetone	ug/kg	ND	100	32.1	05/11/21 20:28	
Benzene	ug/kg	ND	5.0	2.0	05/11/21 20:28	
Bromobenzene	ug/kg	ND	5.0	1.6	05/11/21 20:28	
Bromochloromethane	ug/kg	ND	5.0	1.5	05/11/21 20:28	
Bromodichloromethane	ug/kg	ND	5.0	1.9	05/11/21 20:28	
Bromoform	ug/kg	ND	5.0	1.8	05/11/21 20:28	
Bromomethane	ug/kg	ND	10.0	7.9	05/11/21 20:28	
Carbon tetrachloride	ug/kg	ND	5.0	1.9	05/11/21 20:28	
Chlorobenzene	ug/kg	ND	5.0	0.96	05/11/21 20:28	
Chloroethane	ug/kg	ND	10.0	3.9	05/11/21 20:28	
Chloroform	ug/kg	ND	5.0	3.0	05/11/21 20:28	
Chloromethane	ug/kg	ND	10.0	4.2	05/11/21 20:28	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	05/11/21 20:28	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	05/11/21 20:28	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

METHOD BLANK: 3260502

Matrix: Solid

Associated Lab Samples: 92537482002, 92537482003, 92537482004, 92537482006, 92537482007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	05/11/21 20:28	
Dibromomethane	ug/kg	ND	5.0	1.1	05/11/21 20:28	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	05/11/21 20:28	
Diisopropyl ether	ug/kg	ND	5.0	1.4	05/11/21 20:28	
Ethylbenzene	ug/kg	ND	5.0	2.3	05/11/21 20:28	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	05/11/21 20:28	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	05/11/21 20:28	
m&p-Xylene	ug/kg	ND	10.0	3.4	05/11/21 20:28	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	05/11/21 20:28	
Methylene Chloride	ug/kg	ND	20.0	13.7	05/11/21 20:28	
n-Butylbenzene	ug/kg	ND	5.0	2.4	05/11/21 20:28	
n-Propylbenzene	ug/kg	ND	5.0	1.8	05/11/21 20:28	
Naphthalene	ug/kg	ND	5.0	2.6	05/11/21 20:28	
o-Xylene	ug/kg	ND	5.0	2.2	05/11/21 20:28	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	05/11/21 20:28	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	05/11/21 20:28	
Styrene	ug/kg	ND	5.0	1.3	05/11/21 20:28	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	05/11/21 20:28	
Tetrachloroethene	ug/kg	ND	5.0	1.6	05/11/21 20:28	
Toluene	ug/kg	ND	5.0	1.4	05/11/21 20:28	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	05/11/21 20:28	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	05/11/21 20:28	
Trichloroethene	ug/kg	ND	5.0	1.3	05/11/21 20:28	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	05/11/21 20:28	
Vinyl acetate	ug/kg	ND	50.0	3.6	05/11/21 20:28	
Vinyl chloride	ug/kg	ND	10.0	2.5	05/11/21 20:28	
Xylene (Total)	ug/kg	ND	10.0	2.8	05/11/21 20:28	
1,2-Dichloroethane-d4 (S)	%	107	70-130		05/11/21 20:28	
4-Bromofluorobenzene (S)	%	102	69-134		05/11/21 20:28	
Toluene-d8 (S)	%	99	70-130		05/11/21 20:28	

LABORATORY CONTROL SAMPLE: 3260503

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1260	101	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1260	101	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1240	99	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1240	99	70-130	
1,1-Dichloroethane	ug/kg	1250	1270	102	70-130	
1,1-Dichloroethene	ug/kg	1250	1340	107	70-130	
1,1-Dichloropropene	ug/kg	1250	1260	100	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1190	95	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1220	97	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1200	96	68-130	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

LABORATORY CONTROL SAMPLE: 3260503

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1200	96	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1230	98	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1230	98	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1190	95	70-130	
1,2-Dichloroethane	ug/kg	1250	1240	99	63-130	
1,2-Dichloropropane	ug/kg	1250	1250	100	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1200	96	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1220	98	70-130	
1,3-Dichloropropane	ug/kg	1250	1240	99	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1180	94	70-130	
2,2-Dichloropropane	ug/kg	1250	1200	96	66-130	
2-Butanone (MEK)	ug/kg	2500	2380	95	70-130	
2-Chlorotoluene	ug/kg	1250	1220	97	70-130	
2-Hexanone	ug/kg	2500	2440	98	70-130	
4-Chlorotoluene	ug/kg	1250	1180	95	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2400	96	70-130	
Acetone	ug/kg	2500	2430	97	69-130	
Benzene	ug/kg	1250	1180	94	70-130	
Bromobenzene	ug/kg	1250	1240	99	70-130	
Bromochloromethane	ug/kg	1250	1240	99	70-130	
Bromodichloromethane	ug/kg	1250	1170	94	69-130	
Bromoform	ug/kg	1250	1330	106	70-130	
Bromomethane	ug/kg	1250	1490	119	52-130	
Carbon tetrachloride	ug/kg	1250	1340	107	70-130	
Chlorobenzene	ug/kg	1250	1220	97	70-130	
Chloroethane	ug/kg	1250	1170	93	65-130	
Chloroform	ug/kg	1250	1190	95	70-130	
Chloromethane	ug/kg	1250	1200	96	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1240	100	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1210	97	70-130	
Dibromochloromethane	ug/kg	1250	1340	107	70-130	
Dibromomethane	ug/kg	1250	1250	100	70-130	
Dichlorodifluoromethane	ug/kg	1250	1350	108	45-156	
Diisopropyl ether	ug/kg	1250	1200	96	70-130	
Ethylbenzene	ug/kg	1250	1150	92	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1290	103	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1260	101	70-130	
m&p-Xylene	ug/kg	2500	2420	97	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1180	95	70-130	
Methylene Chloride	ug/kg	1250	1190	95	65-130	
n-Butylbenzene	ug/kg	1250	1190	96	67-130	
n-Propylbenzene	ug/kg	1250	1190	95	70-130	
Naphthalene	ug/kg	1250	1190	96	70-130	
o-Xylene	ug/kg	1250	1260	101	70-130	
p-Isopropyltoluene	ug/kg	1250	1190	95	67-130	
sec-Butylbenzene	ug/kg	1250	1190	95	69-130	
Styrene	ug/kg	1250	1290	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

LABORATORY CONTROL SAMPLE: 3260503

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1150	92	67-130	
Tetrachloroethene	ug/kg	1250	1290	103	70-130	
Toluene	ug/kg	1250	1180	94	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1270	101	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1200	96	68-130	
Trichloroethene	ug/kg	1250	1250	100	70-130	
Trichlorofluoromethane	ug/kg	1250	1220	98	70-130	
Vinyl acetate	ug/kg	2500	2890	116	70-130	
Vinyl chloride	ug/kg	1250	1220	98	61-130	
Xylene (Total)	ug/kg	3750	3680	98	70-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			100	69-134	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 3260504

Parameter	Units	92537163002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	175000	174000	100	70-131	
1,1,1-Trichloroethane	ug/kg	ND	175000	182000	104	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	175000	175000	100	66-130	
1,1,2-Trichloroethane	ug/kg	ND	175000	190000	109	66-133	
1,1-Dichloroethane	ug/kg	ND	175000	183000	105	65-130	
1,1-Dichloroethene	ug/kg	ND	175000	186000	107	10-158	
1,1-Dichloropropene	ug/kg	ND	175000	169000	97	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	175000	146000	84	27-138	
1,2,3-Trichloropropane	ug/kg	ND	175000	165000	94	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	175000	141000	81	51-134	
1,2,4-Trimethylbenzene	ug/kg	1370000	175000	1370000	-3	63-136	M1
1,2-Dibromo-3-chloropropane	ug/kg	ND	175000	180000	103	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	175000	174000	99	70-130	
1,2-Dichlorobenzene	ug/kg	ND	175000	163000	93	69-130	
1,2-Dichloroethane	ug/kg	ND	175000	176000	101	59-130	
1,2-Dichloropropane	ug/kg	ND	175000	188000	108	70-130	
1,3,5-Trimethylbenzene	ug/kg	395000	175000	506000	64	65-137	M1
1,3-Dichlorobenzene	ug/kg	ND	175000	162000	93	70-130	
1,3-Dichloropropane	ug/kg	ND	175000	175000	100	70-130	
1,4-Dichlorobenzene	ug/kg	ND	175000	147000	84	68-130	
2,2-Dichloropropane	ug/kg	ND	175000	163000	93	32-130	
2-Butanone (MEK)	ug/kg	ND	350000	387000	111	10-136	
2-Chlorotoluene	ug/kg	ND	175000	199000	114	69-141	
2-Hexanone	ug/kg	ND	350000	354000	101	10-144	
4-Chlorotoluene	ug/kg	ND	175000	155000	89	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	350000	360000	103	25-143	
Acetone	ug/kg	ND	350000	359000	103	10-130	
Benzene	ug/kg	50500	175000	215000	94	67-130	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

MATRIX SPIKE SAMPLE:		3260504	92537163002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers	
Bromobenzene	ug/kg	ND	175000	172000	99	70-130		
Bromochloromethane	ug/kg	ND	175000	179000	103	69-134		
Bromodichloromethane	ug/kg	ND	175000	172000	99	64-130		
Bromoform	ug/kg	ND	175000	174000	100	62-130		
Bromomethane	ug/kg	ND	175000	230000	132	20-176		
Carbon tetrachloride	ug/kg	ND	175000	189000	108	65-140		
Chlorobenzene	ug/kg	ND	175000	166000	95	70-130		
Chloroethane	ug/kg	ND	175000	170000	98	10-130		
Chloroform	ug/kg	ND	175000	171000	98	63-130		
Chloromethane	ug/kg	ND	175000	179000	103	58-130		
cis-1,2-Dichloroethene	ug/kg	ND	175000	180000	103	66-130		
cis-1,3-Dichloropropene	ug/kg	ND	175000	168000	96	67-130		
Dibromochloromethane	ug/kg	ND	175000	181000	104	67-130		
Dibromomethane	ug/kg	ND	175000	179000	102	63-131		
Dichlorodifluoromethane	ug/kg	ND	175000	176000	101	44-180		
Diisopropyl ether	ug/kg	10900	175000	184000	99	63-130		
Ethylbenzene	ug/kg	578000	175000	629000	29	66-130 M1		
Hexachloro-1,3-butadiene	ug/kg	ND	175000	98300	56	64-150 M1		
Isopropylbenzene (Cumene)	ug/kg	61700	175000	212000	86	69-135		
m&p-Xylene	ug/kg	2400000	350000	2280000	-33	60-133 M1		
Methyl-tert-butyl ether	ug/kg	ND	175000	171000	98	65-130		
Methylene Chloride	ug/kg	ND	175000	174000	99	61-130		
n-Butylbenzene	ug/kg	61300	175000	196000	77	65-140		
n-Propylbenzene	ug/kg	222000	175000	346000	71	67-140		
Naphthalene	ug/kg	174000	175000	326000	87	15-145		
o-Xylene	ug/kg	1050000	175000	1050000	2	66-133 M1		
p-Isopropyltoluene	ug/kg	57500	175000	187000	74	56-147		
sec-Butylbenzene	ug/kg	ND	175000	155000	89	65-139		
Styrene	ug/kg	ND	175000	182000	104	70-132		
tert-Butylbenzene	ug/kg	ND	175000	160000	92	62-135		
Tetrachloroethene	ug/kg	ND	175000	149000	86	70-135		
Toluene	ug/kg	1230000	175000	1220000	-3	67-130 M1		
trans-1,2-Dichloroethene	ug/kg	ND	175000	177000	101	69-130		
trans-1,3-Dichloropropene	ug/kg	ND	175000	163000	93	62-130		
Trichloroethene	ug/kg	ND	175000	168000	96	70-135		
Trichlorofluoromethane	ug/kg	ND	175000	168000	96	10-130		
Vinyl acetate	ug/kg	ND	350000	410000	118	53-130		
Vinyl chloride	ug/kg	ND	175000	175000	100	61-148		
Xylene (Total)	ug/kg	3450000	523000	3330000	-22	63-132 MS		
1,2-Dichloroethane-d4 (S)	%				97	70-130		
4-Bromofluorobenzene (S)	%				98	69-134		
Toluene-d8 (S)	%				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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

SAMPLE DUPLICATE: 3261579

Parameter	Units	92537277001 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	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

SAMPLE DUPLICATE: 3261579

Parameter	Units	92537277001 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	4.0J		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	100			
4-Bromofluorobenzene (S)	%	101	102			
Toluene-d8 (S)	%	100	99			

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

QC Batch:	619091	Analysis Method:	SW-846
QC Batch Method:	SW-846	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92537482001, 92537482002, 92537482003, 92537482004, 92537482005, 92537482006, 92537482007

SAMPLE DUPLICATE: 3257523

Parameter	Units	92537318001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	23.0	22.6	2	25	N2

SAMPLE DUPLICATE: 3257524

Parameter	Units	92537652005 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	21.8	21.9	1	25	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: CPC Huntersville/CPC 21078
Pace Project No.: 92537482

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.
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville/CPC 21078

Pace Project No.: 92537482

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92537482001	RW-65 4-6	MADEP VPH	619033	MADEP VPH	619071
92537482002	RW-65 20-22	MADEP VPH	619475	MADEP VPH	619584
92537482003	RW-65 36-38	MADEP VPH	619475	MADEP VPH	619584
92537482004	RW-65 38-40	MADEP VPH	619475	MADEP VPH	619584
92537482005	RW-64 10-12	MADEP VPH	619033	MADEP VPH	619071
92537482006	RW-64 20-22	MADEP VPH	619475	MADEP VPH	619584
92537482007	RW-65 28-30	MADEP VPH	619475	MADEP VPH	619584
92537482001	RW-65 4-6	EPA 5035A/5030B	618999	EPA 8260D	619034
92537482002	RW-65 20-22	EPA 5035A/5030B	619723	EPA 8260D	619769
92537482003	RW-65 36-38	EPA 5035A/5030B	619723	EPA 8260D	619769
92537482004	RW-65 38-40	EPA 5035A/5030B	619723	EPA 8260D	619769
92537482005	RW-64 10-12	EPA 5035A/5030B	618999	EPA 8260D	619034
92537482006	RW-64 20-22	EPA 5035A/5030B	619723	EPA 8260D	619769
92537482007	RW-65 28-30	EPA 5035A/5030B	619723	EPA 8260D	619769
92537482001	RW-65 4-6	SW-846	619091		
92537482002	RW-65 20-22	SW-846	619091		
92537482003	RW-65 36-38	SW-846	619091		
92537482004	RW-65 38-40	SW-846	619091		
92537482005	RW-64 10-12	SW-846	619091		
92537482006	RW-64 20-22	SW-846	619091		
92537482007	RW-65 28-30	SW-846	619091		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document

LAB USE ONLY - Affix Workorder/Login Label Here or List Pace Workorder Number or

MTIL Login Number

W0# : 92537482

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Billing Information:

Company: Apex Environmental, LLC

Report To:

Copy To: John Spector

Email To:

Customer Project Name/Number: CPC HUNTSVILLE / CPT21018

Site Collection Info/Address:

State: AL County/City: Madison Time Zone Collected: ET

Phone: 256 336 1018 Site Facility ID #:

Compliance Monitoring?

Collected By (print): Chris Davis Purchase Order #:

DW PWS ID #:

Collected By (signature): [Signature] Quote #:

DW Location Code:

Sample Disposal: [X] Dispose as appropriate [] Return Turndown Date Required:

Field Filtered (if applicable):

[] Archive: _____ Rush: [] Same Day [] Next Day

[] Yes [] No

[] Hold: _____ [] 2 Day [] 3 Day [] 4 Day [] 5 Day

Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Waste (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 Ctns

Date

Time

Date

Time

Res CI

of Ctns

Date

Time

RW-65 4-6

SL

Comp / Grab

Collected (or Composite Start)

Composite End

Res CI

of Ctns

Date

Time

Date

Time

Res CI

of Ctns

Date

Time

RW-65 20-22

SL

Comp / Grab

Collected (or Composite Start)

Composite End

Res CI

of Ctns

Date

Time

Date

Time

Res CI

of Ctns

Date

Time

RW-65 36-38

SL

Comp / Grab

Collected (or Composite Start)

Composite End

Res CI

of Ctns

Date

Time

Date

Time

Res CI

of Ctns

Date

Time

RW-65 38-40

SL

Comp / Grab

Collected (or Composite Start)

Composite End

Res CI

of Ctns

Date

Time

Date

Time

Res CI

of Ctns

Date

Time

RW-64 10-12

SL

Comp / Grab

Collected (or Composite Start)

Composite End

Res CI

of Ctns

Date

Time

Date

Time

Res CI

of Ctns

Date

Time

RW-64 20-22

SL

Comp / Grab

Collected (or Composite Start)

Composite End

Res CI

of Ctns

Date

Time

Date

Time

Res CI

of Ctns

Date

Time

RW-65 28-30

SL

Comp / Grab

Collected (or Composite Start)

Composite End

Res CI

of Ctns

Date

Time

Date

Time

Res CI

of Ctns

Date

Time

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

Lab Tracking #:

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Samples received via:

FEDEX UPS Client

Courier Pace Courier

Table #:

MTIL LAB USE ONLY

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#:

Relinquished 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)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Relinquished 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)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Relinquished 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)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Relinquished 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)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Relinquished 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)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Relinquished 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)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Relinquished 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)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Relinquished 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)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Relinquished 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)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Sample Receiving Non-Conformance Form (NCF)

Date: 5/7/21	Evaluated by: Vivian Sipe
Client: APEX companies	

WO# : 92537482

Pace
ber

PM: AMB Due Date: 05/13/21
CLIENT: 92-APEX MOOR

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:

Last sample containers say "RW-64 38-30" instead of "RW-65 28-30" on COC. Date and time matches

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:	Contacted per:	
PM Initials:	Date/Time:	

Client Comments/Instructions:

May 05, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC Huntersville (5/3/21)
Pace Project No.: 92536430

Dear Andrew Wreschnig:

Enclosed are the analytical results for sample(s) received by the laboratory on May 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,



Nicole Gasiorowski
nicole.gasiorowski@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: 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 (5/3/21)

Pace Project No.: 92536430

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536430

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92536430001	MW-64	Water	05/03/21 09:40	05/03/21 15:30
92536430002	MW-65	Water	05/03/21 09:45	05/03/21 15:30
92536430003	MW-74	Water	05/03/21 12:10	05/03/21 15:30
92536430004	MW-75	Water	05/03/21 12:15	05/03/21 15:30
92536430005	MW-65D	Water	05/03/21 14:35	05/03/21 15:30
92536430006	Trip Blank	Water	05/03/21 00:00	05/03/21 15:30

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536430

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92536430001	MW-64	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92536430002	MW-65	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92536430003	MW-74	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92536430004	MW-75	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92536430005	MW-65D	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92536430006	Trip Blank	SM 6200B	SAS	63	PASI-C
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536430

Sample: MW-64		Lab ID: 92536430001		Collected: 05/03/21 09:40		Received: 05/03/21 15:30		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		05/03/21 23:11		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/03/21 23:11		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/03/21 23:11		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/03/21 23:11		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/03/21 23:11		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	106	%	70-130		1		05/03/21 23:11	460-00-4	
4-Bromofluorobenzene (PID) (S)	102	%	70-130		1		05/03/21 23:11	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	05/04/21 16:23	05/05/21 13:47	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/04/21 18:00	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/04/21 18:00	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/04/21 18:00	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/04/21 18:00	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/04/21 18:00	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/04/21 18:00	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/04/21 18:00	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/04/21 18:00	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/04/21 18:00	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/04/21 18:00	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/04/21 18:00	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/04/21 18:00	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/04/21 18:00	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/04/21 18:00	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/04/21 18:00	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/04/21 18:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/04/21 18:00	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/04/21 18:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/04/21 18:00	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/04/21 18:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/04/21 18:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/04/21 18:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/04/21 18:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/04/21 18:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/04/21 18:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/04/21 18:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/04/21 18:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/04/21 18:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/04/21 18:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/04/21 18:00	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536430

Sample: MW-64		Lab ID: 92536430001		Collected: 05/03/21 09:40		Received: 05/03/21 15:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/04/21 18:00	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/04/21 18:00	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/04/21 18:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/04/21 18:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/04/21 18:00	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/04/21 18:00	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/04/21 18:00	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/04/21 18:00	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/04/21 18:00	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/04/21 18:00	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/04/21 18:00	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/04/21 18:00	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/04/21 18:00	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/04/21 18:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/04/21 18:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/04/21 18:00	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/04/21 18:00	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/04/21 18:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/04/21 18:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/04/21 18:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/04/21 18:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/04/21 18:00	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/04/21 18:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/04/21 18:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/04/21 18:00	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/04/21 18:00	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/04/21 18:00	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/04/21 18:00	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/04/21 18:00	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/04/21 18:00	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		05/04/21 18:00	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130		1		05/04/21 18:00	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		05/04/21 18:00	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536430

Sample: MW-65		Lab ID: 92536430002		Collected: 05/03/21 09:45		Received: 05/03/21 15:30		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		05/03/21 23:39		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/03/21 23:39		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/03/21 23:39		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/03/21 23:39		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/03/21 23:39		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	104	%	70-130		1		05/03/21 23:39	460-00-4	
4-Bromofluorobenzene (PID) (S)	100	%	70-130		1		05/03/21 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	05/04/21 16:23	05/05/21 13:50	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/04/21 18:18	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/04/21 18:18	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/04/21 18:18	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/04/21 18:18	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/04/21 18:18	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/04/21 18:18	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/04/21 18:18	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/04/21 18:18	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/04/21 18:18	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/04/21 18:18	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/04/21 18:18	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/04/21 18:18	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/04/21 18:18	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/04/21 18:18	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/04/21 18:18	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/04/21 18:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/04/21 18:18	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/04/21 18:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/04/21 18:18	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/04/21 18:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/04/21 18:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/04/21 18:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/04/21 18:18	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/04/21 18:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/04/21 18:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/04/21 18:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/04/21 18:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/04/21 18:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/04/21 18:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/04/21 18:18	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536430

Sample: MW-65		Lab ID: 92536430002		Collected: 05/03/21 09:45		Received: 05/03/21 15:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/04/21 18:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/04/21 18:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/04/21 18:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/04/21 18:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/04/21 18:18	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/04/21 18:18	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/04/21 18:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/04/21 18:18	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/04/21 18:18	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/04/21 18:18	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/04/21 18:18	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/04/21 18:18	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/04/21 18:18	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/04/21 18:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/04/21 18:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/04/21 18:18	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/04/21 18:18	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/04/21 18:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/04/21 18:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/04/21 18:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/04/21 18:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/04/21 18:18	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/04/21 18:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/04/21 18:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/04/21 18:18	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/04/21 18:18	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/04/21 18:18	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/04/21 18:18	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/04/21 18:18	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/04/21 18:18	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		05/04/21 18:18	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		05/04/21 18:18	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/04/21 18:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536430

Sample: MW-74 Lab ID: 92536430003 Collected: 05/03/21 12:10 Received: 05/03/21 15:30 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		05/04/21 00:08		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/04/21 00:08		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/04/21 00:08		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/04/21 00:08		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/04/21 00:08		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	105	%	70-130		1		05/04/21 00:08	460-00-4	
4-Bromofluorobenzene (PID) (S)	101	%	70-130		1		05/04/21 00:08	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	6.6	ug/L	5.0	4.5	1	05/04/21 16:23	05/05/21 14:06	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/04/21 18:36	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/04/21 18:36	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/04/21 18:36	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/04/21 18:36	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/04/21 18:36	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/04/21 18:36	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/04/21 18:36	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/04/21 18:36	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/04/21 18:36	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/04/21 18:36	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/04/21 18:36	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/04/21 18:36	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/04/21 18:36	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/04/21 18:36	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/04/21 18:36	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/04/21 18:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/04/21 18:36	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/04/21 18:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/04/21 18:36	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/04/21 18:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/04/21 18:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/04/21 18:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/04/21 18:36	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/04/21 18:36	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/04/21 18:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/04/21 18:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/04/21 18:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/04/21 18:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/04/21 18:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/04/21 18:36	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536430

Sample: MW-74		Lab ID: 92536430003		Collected: 05/03/21 12:10		Received: 05/03/21 15:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/04/21 18:36	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/04/21 18:36	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/04/21 18:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/04/21 18:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/04/21 18:36	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/04/21 18:36	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/04/21 18:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/04/21 18:36	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/04/21 18:36	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/04/21 18:36	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/04/21 18:36	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/04/21 18:36	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/04/21 18:36	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/04/21 18:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/04/21 18:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/04/21 18:36	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/04/21 18:36	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/04/21 18:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/04/21 18:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/04/21 18:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/04/21 18:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/04/21 18:36	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/04/21 18:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/04/21 18:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/04/21 18:36	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/04/21 18:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/04/21 18:36	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/04/21 18:36	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/04/21 18:36	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/04/21 18:36	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		05/04/21 18:36	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		05/04/21 18:36	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		05/04/21 18:36	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536430

Sample: MW-75		Lab ID: 92536430004		Collected: 05/03/21 12:15		Received: 05/03/21 15:30		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		05/04/21 00:36		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/04/21 00:36		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/04/21 00:36		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/04/21 00:36		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/04/21 00:36		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		05/04/21 00:36	460-00-4	
4-Bromofluorobenzene (PID) (S)	97	%	70-130		1		05/04/21 00:36	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	05/04/21 16:23	05/05/21 14:09	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/04/21 18:54	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/04/21 18:54	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/04/21 18:54	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/04/21 18:54	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/04/21 18:54	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/04/21 18:54	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/04/21 18:54	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/04/21 18:54	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/04/21 18:54	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/04/21 18:54	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/04/21 18:54	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/04/21 18:54	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/04/21 18:54	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/04/21 18:54	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/04/21 18:54	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/04/21 18:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/04/21 18:54	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/04/21 18:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/04/21 18:54	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/04/21 18:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/04/21 18:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/04/21 18:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/04/21 18:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/04/21 18:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/04/21 18:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/04/21 18:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/04/21 18:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/04/21 18:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/04/21 18:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/04/21 18:54	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536430

Sample: MW-75		Lab ID: 92536430004		Collected: 05/03/21 12:15		Received: 05/03/21 15:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/04/21 18:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/04/21 18:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/04/21 18:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/04/21 18:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/04/21 18:54	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/04/21 18:54	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/04/21 18:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/04/21 18:54	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/04/21 18:54	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/04/21 18:54	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/04/21 18:54	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/04/21 18:54	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/04/21 18:54	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/04/21 18:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/04/21 18:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/04/21 18:54	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/04/21 18:54	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/04/21 18:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/04/21 18:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/04/21 18:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/04/21 18:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/04/21 18:54	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/04/21 18:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/04/21 18:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/04/21 18:54	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/04/21 18:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/04/21 18:54	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/04/21 18:54	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/04/21 18:54	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/04/21 18:54	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		05/04/21 18:54	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		05/04/21 18:54	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/04/21 18:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536430

Sample: MW-65D Lab ID: 92536430005 Collected: 05/03/21 14:35 Received: 05/03/21 15:30 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		05/04/21 01:05		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/04/21 01:05		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/04/21 01:05		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/04/21 01:05		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/04/21 01:05		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	105	%	70-130		1		05/04/21 01:05	460-00-4	
4-Bromofluorobenzene (PID) (S)	101	%	70-130		1		05/04/21 01:05	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	05/04/21 16:23	05/05/21 14:12	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/04/21 19:12	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/04/21 19:12	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/04/21 19:12	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/04/21 19:12	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/04/21 19:12	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/04/21 19:12	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/04/21 19:12	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/04/21 19:12	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/04/21 19:12	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/04/21 19:12	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/04/21 19:12	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/04/21 19:12	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/04/21 19:12	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/04/21 19:12	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/04/21 19:12	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/04/21 19:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/04/21 19:12	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/04/21 19:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/04/21 19:12	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/04/21 19:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/04/21 19:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/04/21 19:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/04/21 19:12	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/04/21 19:12	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/04/21 19:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/04/21 19:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/04/21 19:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/04/21 19:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/04/21 19:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/04/21 19:12	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536430

Sample: MW-65D		Lab ID: 92536430005		Collected: 05/03/21 14:35		Received: 05/03/21 15:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/04/21 19:12	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/04/21 19:12	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/04/21 19:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/04/21 19:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/04/21 19:12	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/04/21 19:12	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/04/21 19:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/04/21 19:12	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/04/21 19:12	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/04/21 19:12	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/04/21 19:12	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/04/21 19:12	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/04/21 19:12	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/04/21 19:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/04/21 19:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/04/21 19:12	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/04/21 19:12	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/04/21 19:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/04/21 19:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/04/21 19:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/04/21 19:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/04/21 19:12	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/04/21 19:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/04/21 19:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/04/21 19:12	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/04/21 19:12	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/04/21 19:12	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/04/21 19:12	75-01-4	
m&p-Xylene	1.2	ug/L	1.0	0.71	1		05/04/21 19:12	179601-23-1	
o-Xylene	0.41J	ug/L	0.50	0.34	1		05/04/21 19:12	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		05/04/21 19:12	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		05/04/21 19:12	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/04/21 19:12	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536430

Sample: Trip Blank		Lab ID: 92536430006		Collected: 05/03/21 00:00		Received: 05/03/21 15:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	0.34	1		05/04/21 14:05	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/04/21 14:05	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/04/21 14:05	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/04/21 14:05	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/04/21 14:05	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/04/21 14:05	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/04/21 14:05	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/04/21 14:05	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/04/21 14:05	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/04/21 14:05	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/04/21 14:05	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/04/21 14:05	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/04/21 14:05	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/04/21 14:05	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/04/21 14:05	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/04/21 14:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/04/21 14:05	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/04/21 14:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/04/21 14:05	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/04/21 14:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/04/21 14:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/04/21 14:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/04/21 14:05	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/04/21 14:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/04/21 14:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/04/21 14:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/04/21 14:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/04/21 14:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/04/21 14:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/04/21 14:05	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/04/21 14:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/04/21 14:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/04/21 14:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/04/21 14:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/04/21 14:05	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/04/21 14:05	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/04/21 14:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/04/21 14:05	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/04/21 14:05	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/04/21 14:05	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/04/21 14:05	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/04/21 14:05	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/04/21 14:05	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/04/21 14:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/04/21 14:05	630-20-6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536430

Sample: Trip Blank		Lab ID: 92536430006		Collected: 05/03/21 00:00		Received: 05/03/21 15:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/04/21 14:05	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/04/21 14:05	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/04/21 14:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/04/21 14:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/04/21 14:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/04/21 14:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/04/21 14:05	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/04/21 14:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/04/21 14:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/04/21 14:05	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/04/21 14:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/04/21 14:05	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/04/21 14:05	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/04/21 14:05	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/04/21 14:05	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		05/04/21 14:05	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		05/04/21 14:05	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/04/21 14:05	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536430

QC Batch:	617857	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92536430001, 92536430002, 92536430003, 92536430004, 92536430005

METHOD BLANK: 3250803 Matrix: Water

Associated Lab Samples: 92536430001, 92536430002, 92536430003, 92536430004, 92536430005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/03/21 15:34	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/03/21 15:34	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/03/21 15:34	N2
4-Bromofluorobenzene (FID) (S)	%	101	70-130		05/03/21 15:34	
4-Bromofluorobenzene (PID) (S)	%	97	70-130		05/03/21 15:34	

LABORATORY CONTROL SAMPLE & LCSD: 3250804

		3250805								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	275	255	92	85	70-130	8	25	N2
Aliphatic (C09-C12)	ug/L	300	375	361	125	120	70-130	4	25	N2
Aromatic (C09-C10)	ug/L	100	110	106	110	106	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				105	98	70-130			
4-Bromofluorobenzene (PID) (S)	%				99	92	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536430

QC Batch: 618025

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92536430001, 92536430002, 92536430003, 92536430004, 92536430005

METHOD BLANK: 3251488

Matrix: Water

Associated Lab Samples: 92536430001, 92536430002, 92536430003, 92536430004, 92536430005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	05/05/21 13:08	

LABORATORY CONTROL SAMPLE: 3251489

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	478	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3251490 3251491

Parameter	Units	92536428001 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	477	470	95	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536430

QC Batch:	618075	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92536430001, 92536430002, 92536430003, 92536430004, 92536430005, 92536430006

METHOD BLANK:	3251897	Matrix:	Water
---------------	---------	---------	-------

Associated Lab Samples: 92536430001, 92536430002, 92536430003, 92536430004, 92536430005, 92536430006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/04/21 12:52	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/04/21 12:52	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/04/21 12:52	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/04/21 12:52	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/04/21 12:52	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/04/21 12:52	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/04/21 12:52	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/04/21 12:52	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/04/21 12:52	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/04/21 12:52	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/04/21 12:52	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/04/21 12:52	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/04/21 12:52	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/04/21 12:52	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/04/21 12:52	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/04/21 12:52	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/04/21 12:52	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/04/21 12:52	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/04/21 12:52	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/04/21 12:52	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/04/21 12:52	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/04/21 12:52	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/04/21 12:52	
Benzene	ug/L	ND	0.50	0.34	05/04/21 12:52	
Bromobenzene	ug/L	ND	0.50	0.29	05/04/21 12:52	
Bromochloromethane	ug/L	ND	0.50	0.47	05/04/21 12:52	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/04/21 12:52	
Bromoform	ug/L	ND	0.50	0.34	05/04/21 12:52	
Bromomethane	ug/L	ND	5.0	1.7	05/04/21 12:52	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/04/21 12:52	
Chlorobenzene	ug/L	ND	0.50	0.28	05/04/21 12:52	
Chloroethane	ug/L	ND	1.0	0.65	05/04/21 12:52	
Chloroform	ug/L	ND	0.50	0.35	05/04/21 12:52	
Chloromethane	ug/L	ND	1.0	0.54	05/04/21 12:52	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/04/21 12:52	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/04/21 12:52	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/04/21 12:52	
Dibromomethane	ug/L	ND	0.50	0.39	05/04/21 12:52	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/04/21 12:52	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/04/21 12:52	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536430

METHOD BLANK: 3251897

Matrix: Water

Associated Lab Samples: 92536430001, 92536430002, 92536430003, 92536430004, 92536430005, 92536430006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/04/21 12:52	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/04/21 12:52	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/04/21 12:52	
m&p-Xylene	ug/L	ND	1.0	0.71	05/04/21 12:52	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/04/21 12:52	
Methylene Chloride	ug/L	ND	2.0	2.0	05/04/21 12:52	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/04/21 12:52	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/04/21 12:52	
Naphthalene	ug/L	ND	2.0	0.64	05/04/21 12:52	
o-Xylene	ug/L	ND	0.50	0.34	05/04/21 12:52	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/04/21 12:52	
Styrene	ug/L	ND	0.50	0.29	05/04/21 12:52	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/04/21 12:52	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/04/21 12:52	
Toluene	ug/L	ND	0.50	0.48	05/04/21 12:52	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/04/21 12:52	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/04/21 12:52	
Trichloroethene	ug/L	ND	0.50	0.38	05/04/21 12:52	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/04/21 12:52	
Vinyl chloride	ug/L	ND	1.0	0.39	05/04/21 12:52	
1,2-Dichloroethane-d4 (S)	%	103	70-130		05/04/21 12:52	
4-Bromofluorobenzene (S)	%	97	70-130		05/04/21 12:52	
Toluene-d8 (S)	%	101	70-130		05/04/21 12:52	

LABORATORY CONTROL SAMPLE: 3251898

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.0	104	60-140	
1,1,1-Trichloroethane	ug/L	50	53.1	106	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	52.0	104	60-140	
1,1,2-Trichloroethane	ug/L	50	48.6	97	60-140	
1,1-Dichloroethane	ug/L	50	58.2	116	60-140	
1,1-Dichloroethene	ug/L	50	56.4	113	60-140	
1,1-Dichloropropene	ug/L	50	56.2	112	60-140	
1,2,3-Trichlorobenzene	ug/L	50	44.9	90	60-140	
1,2,3-Trichloropropane	ug/L	50	51.3	103	60-140	
1,2,4-Trichlorobenzene	ug/L	50	46.6	93	60-140	
1,2,4-Trimethylbenzene	ug/L	50	50.2	100	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.9	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	54.6	109	60-140	
1,2-Dichlorobenzene	ug/L	50	46.8	94	60-140	
1,2-Dichloroethane	ug/L	50	46.9	94	60-140	
1,2-Dichloropropane	ug/L	50	56.4	113	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.9	100	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536430

LABORATORY CONTROL SAMPLE: 3251898

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	47.5	95	60-140	
1,3-Dichloropropane	ug/L	50	56.0	112	60-140	
1,4-Dichlorobenzene	ug/L	50	47.7	95	60-140	
2,2-Dichloropropane	ug/L	50	53.8	108	60-140	
2-Chlorotoluene	ug/L	50	50.2	100	60-140	
4-Chlorotoluene	ug/L	50	49.0	98	60-140	
Benzene	ug/L	50	53.5	107	60-140	
Bromobenzene	ug/L	50	50.4	101	60-140	
Bromochloromethane	ug/L	50	54.7	109	60-140	
Bromodichloromethane	ug/L	50	51.6	103	60-140	
Bromoform	ug/L	50	53.8	108	60-140	
Bromomethane	ug/L	50	41.5	83	60-140	
Carbon tetrachloride	ug/L	50	48.9	98	60-140	
Chlorobenzene	ug/L	50	51.7	103	60-140	
Chloroethane	ug/L	50	39.3	79	60-140	
Chloroform	ug/L	50	47.9	96	60-140	
Chloromethane	ug/L	50	55.7	111	60-140	
cis-1,2-Dichloroethene	ug/L	50	56.9	114	60-140	
cis-1,3-Dichloropropene	ug/L	50	51.2	102	60-140	
Dibromochloromethane	ug/L	50	57.8	116	60-140	
Dibromomethane	ug/L	50	48.7	97	60-140	
Dichlorodifluoromethane	ug/L	50	50.1	100	60-140	
Diisopropyl ether	ug/L	50	60.6	121	60-140	
Ethylbenzene	ug/L	50	50.8	102	60-140	
Hexachloro-1,3-butadiene	ug/L	50	47.9	96	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.5	101	60-140	
m&p-Xylene	ug/L	100	102	102	60-140	
Methyl-tert-butyl ether	ug/L	50	51.6	103	60-140	
Methylene Chloride	ug/L	50	56.9	114	60-140	
n-Butylbenzene	ug/L	50	49.4	99	60-140	
n-Propylbenzene	ug/L	50	49.7	99	60-140	
Naphthalene	ug/L	50	46.7	93	60-140	
o-Xylene	ug/L	50	50.0	100	60-140	
sec-Butylbenzene	ug/L	50	48.5	97	60-140	
Styrene	ug/L	50	52.3	105	60-140	
tert-Butylbenzene	ug/L	50	41.7	83	60-140	
Tetrachloroethene	ug/L	50	50.7	101	60-140	
Toluene	ug/L	50	46.7	93	60-140	
trans-1,2-Dichloroethene	ug/L	50	58.3	117	60-140	
trans-1,3-Dichloropropene	ug/L	50	50.0	100	60-140	
Trichloroethene	ug/L	50	48.7	97	60-140	
Trichlorofluoromethane	ug/L	50	38.3	77	60-140	
Vinyl chloride	ug/L	50	55.9	112	60-140	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			93	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536430

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3251899 3251900											
Parameter	Units	92534964003 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	2500	2500	2130	2730	85	109	60-140	25	30
1,1,1-Trichloroethane	ug/L	ND	2500	2500	2300	3050	92	122	60-140	28	30
1,1,2,2-Tetrachloroethane	ug/L	ND	2500	2500	2240	2820	89	113	60-140	23	30
1,1,2-Trichloroethane	ug/L	ND	2500	2500	2220	2770	89	111	60-140	22	30
1,1-Dichloroethane	ug/L	ND	2500	2500	2570	3300	103	132	60-140	25	30
1,1-Dichloroethene	ug/L	ND	2500	2500	2590	3440	104	138	60-140	28	30
1,1-Dichloropropene	ug/L	ND	2500	2500	2460	3280	98	131	60-140	29	30
1,2,3-Trichlorobenzene	ug/L	ND	2500	2500	1700	2200	68	88	60-140	26	30
1,2,3-Trichloropropane	ug/L	ND	2500	2500	2230	2730	89	109	60-140	20	30
1,2,4-Trichlorobenzene	ug/L	ND	2500	2500	1740	2230	70	89	60-140	25	30
1,2,4-Trimethylbenzene	ug/L	99.1	2500	2500	2270	2790	87	108	60-140	21	30
1,2-Dibromo-3-chloropropane	ug/L	ND	2500	2500	1960	2570	78	103	60-140	27	30
1,2-Dibromoethane (EDB)	ug/L	ND	2500	2500	2330	2990	93	119	60-140	25	30
1,2-Dichlorobenzene	ug/L	ND	2500	2500	1870	2410	75	96	60-140	25	30
1,2-Dichloroethane	ug/L	ND	2500	2500	1980	2570	79	103	60-140	26	30
1,2-Dichloropropane	ug/L	ND	2500	2500	2450	3120	98	125	60-140	24	30
1,3,5-Trimethylbenzene	ug/L	ND	2500	2500	2220	2760	89	110	60-140	21	30
1,3-Dichlorobenzene	ug/L	ND	2500	2500	1980	2440	79	98	60-140	21	30
1,3-Dichloropropane	ug/L	ND	2500	2500	2500	3110	100	124	60-140	22	30
1,4-Dichlorobenzene	ug/L	ND	2500	2500	1940	2410	78	96	60-140	21	30
2,2-Dichloropropane	ug/L	ND	2500	2500	2130	2790	85	112	60-140	27	30
2-Chlorotoluene	ug/L	ND	2500	2500	2190	2750	88	110	60-140	22	30
4-Chlorotoluene	ug/L	ND	2500	2500	2070	2580	83	103	60-140	22	30
Benzene	ug/L	233	2500	2500	2630	3390	96	126	60-140	25	30
Bromobenzene	ug/L	ND	2500	2500	2160	2680	87	107	60-140	21	30
Bromochloromethane	ug/L	ND	2500	2500	2280	2970	91	119	60-140	26	30
Bromodichloromethane	ug/L	ND	2500	2500	2150	2760	86	111	60-140	25	30
Bromoform	ug/L	ND	2500	2500	2020	2570	81	103	60-140	24	30
Bromomethane	ug/L	ND	2500	2500	2130	2680	85	107	60-140	23	30
Carbon tetrachloride	ug/L	ND	2500	2500	2120	2730	85	109	60-140	25	30
Chlorobenzene	ug/L	ND	2500	2500	2240	2850	90	114	60-140	24	30
Chloroethane	ug/L	ND	2500	2500	2290	2830	92	113	60-140	21	30
Chloroform	ug/L	ND	2500	2500	2080	2700	83	108	60-140	26	30
Chloromethane	ug/L	ND	2500	2500	2160	2830	86	113	60-140	27	30
cis-1,2-Dichloroethene	ug/L	ND	2500	2500	2560	3260	102	130	60-140	24	30
cis-1,3-Dichloropropene	ug/L	ND	2500	2500	2220	2830	89	113	60-140	24	30
Dibromochloromethane	ug/L	ND	2500	2500	2280	2950	91	118	60-140	26	30
Dibromomethane	ug/L	ND	2500	2500	2130	2610	85	104	60-140	20	30
Dichlorodifluoromethane	ug/L	ND	2500	2500	2040	2680	81	107	60-140	27	30
Diisopropyl ether	ug/L	632	2500	2500	3190	4390	102	150	60-140	32	30 M1, R1
Ethylbenzene	ug/L	ND	2500	2500	2290	2880	91	114	60-140	23	30
Hexachloro-1,3-butadiene	ug/L	ND	2500	2500	2010	2460	81	98	60-140	20	30
Isopropylbenzene (Cumene)	ug/L	ND	2500	2500	2200	2810	88	112	60-140	24	30
m&p-Xylene	ug/L	143	5000	5000	4650	5880	90	115	60-140	23	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536430

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3251899	3251900									
Parameter	Units	92534964003	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
Methyl-tert-butyl ether	ug/L	15000	2500	2500	17400	27700	96	509	60-140	46	30	E,M1, R1	
Methylene Chloride	ug/L	ND	2500	2500	2640	3380	96	126	60-140	25	30		
n-Butylbenzene	ug/L	ND	2500	2500	2070	2660	83	106	60-140	25	30		
n-Propylbenzene	ug/L	ND	2500	2500	2220	2740	89	109	60-140	21	30		
Naphthalene	ug/L	ND	2500	2500	1640	2140	61	81	60-140	26	30		
o-Xylene	ug/L	ND	2500	2500	2180	2800	85	110	60-140	25	30		
sec-Butylbenzene	ug/L	ND	2500	2500	2190	2710	88	108	60-140	21	30		
Styrene	ug/L	ND	2500	2500	2190	2780	87	111	60-140	24	30		
tert-Butylbenzene	ug/L	ND	2500	2500	1850	2290	74	92	60-140	22	30		
Tetrachloroethene	ug/L	ND	2500	2500	2260	2880	91	115	60-140	24	30		
Toluene	ug/L	ND	2500	2500	2210	2810	86	111	60-140	24	30		
trans-1,2-Dichloroethene	ug/L	ND	2500	2500	2600	3410	104	136	60-140	27	30		
trans-1,3-Dichloropropene	ug/L	ND	2500	2500	2110	2690	84	108	60-140	24	30		
Trichloroethene	ug/L	ND	2500	2500	2200	2750	88	110	60-140	22	30		
Trichlorofluoromethane	ug/L	ND	2500	2500	2000	2610	80	104	60-140	26	30		
Vinyl chloride	ug/L	ND	2500	2500	2240	3060	89	122	60-140	31	30	R1	
1,2-Dichloroethane-d4 (S)	%						102	103	70-130				
4-Bromofluorobenzene (S)	%						99	100	70-130				
Toluene-d8 (S)	%						101	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536430

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.

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536430

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92536430001	MW-64	MADEP VPH	617857		
92536430002	MW-65	MADEP VPH	617857		
92536430003	MW-74	MADEP VPH	617857		
92536430004	MW-75	MADEP VPH	617857		
92536430005	MW-65D	MADEP VPH	617857		
92536430001	MW-64	EPA 3010A	618025	EPA 6010D	618226
92536430002	MW-65	EPA 3010A	618025	EPA 6010D	618226
92536430003	MW-74	EPA 3010A	618025	EPA 6010D	618226
92536430004	MW-75	EPA 3010A	618025	EPA 6010D	618226
92536430005	MW-65D	EPA 3010A	618025	EPA 6010D	618226
92536430001	MW-64	SM 6200B	618075		
92536430002	MW-65	SM 6200B	618075		
92536430003	MW-74	SM 6200B	618075		
92536430004	MW-75	SM 6200B	618075		
92536430005	MW-65D	SM 6200B	618075		
92536430006	Trip Blank	SM 6200B	618075		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

	Document Name:	Document Revised: October 28, 2020
	Sample Condition Upon Receipt(SCUR)	Page 1 of 2
	Document No.:	Issuing Authority:
	F-CAR-CS-033-Rev.07	Pace Carolinas Quality Office

Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☒ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition
Upon Receipt

Client Name:

AECOM

Project #:

WO#: 92536430



92536430

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client
☐ Commercial ☐ Pace ☐ Other:

Custody Seal Present? ☐ Yes ☒ No Seals Intact? ☐ Yes ☒ No

Date/Initials Person Examining Contents: YSP/la le

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen?

☐ Yes ☐ No ☒ N/A

Thermometer:

☒ IR Gun ID:

921064

Type of Ice:

☒ Wet ☐ Blue ☐ None

Cooler Temp:

4.1

Correction Factor:

Add/Subtract (°C) 0.0°C

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)?

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	

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted:

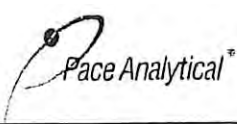
Date/Time:

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#: 92536430

PM: NMG

Due Date: 05/06/21

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 (> 8)	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											
2																7											
3																7											
4																7											
5																7											
6																2											
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.

May 07, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC Huntersville (5/4/21)
Pace Project No.: 92536726

Dear Andrew Wreschnig:

Enclosed are the analytical results for sample(s) received by the laboratory on May 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 - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,



Nicole Gasiorowski
nicole.gasiorowski@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: 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 (5/4/21)

Pace Project No.: 92536726

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92536726001	MW-08	Water	05/04/21 14:10	05/04/21 16:15
92536726002	MW-14	Water	05/04/21 10:15	05/04/21 16:15
92536726003	MW-14D	Water	05/04/21 13:30	05/04/21 16:15
92536726004	MW-44	Water	05/04/21 11:45	05/04/21 16:15
92536726005	MW-45	Water	05/04/21 11:40	05/04/21 16:15
92536726006	MW-49	Water	05/04/21 13:59	05/04/21 16:15
92536726007	MW-51	Water	05/04/21 10:15	05/04/21 16:15
92536726008	MW-62	Water	05/04/21 14:00	05/04/21 16:15
92536726009	MW-73	Water	05/04/21 09:30	05/04/21 16:15
92536726010	MW-76	Water	05/04/21 12:40	05/04/21 16:15
92536726011	MW-86	Water	05/04/21 11:30	05/04/21 16:15
92536726012	DUP-1-20210504	Water	05/04/21 00:00	05/04/21 16:15
92536726013	Trip Blank	Water	05/04/21 00:00	05/04/21 16:15

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92536726001	MW-08	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92536726002	MW-14	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92536726003	MW-14D	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92536726004	MW-44	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92536726005	MW-45	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92536726006	MW-49	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92536726007	MW-51	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92536726008	MW-62	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92536726009	MW-73	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92536726010	MW-76	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92536726011	MW-86	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92536726012	DUP-1-20210504	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92536726013	Trip Blank	SM 6200B	SAS	63	PASI-C

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

Sample: MW-08		Lab ID: 92536726001		Collected: 05/04/21 14:10		Received: 05/04/21 16:15		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		05/05/21 18:45		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/05/21 18:45		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/05/21 18:45		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/05/21 18:45		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/05/21 18:45		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		05/05/21 18:45	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		05/05/21 18:45	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	05/06/21 12:07	05/07/21 09:58	7439-92-1	
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	0.34	1		05/05/21 15:46	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/05/21 15:46	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/05/21 15:46	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/05/21 15:46	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/05/21 15:46	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/05/21 15:46	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/05/21 15:46	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/05/21 15:46	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/05/21 15:46	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/05/21 15:46	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/05/21 15:46	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/05/21 15:46	75-00-3	
Chloroform	0.50	ug/L	0.50	0.35	1		05/05/21 15:46	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/05/21 15:46	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 15:46	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 15:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/05/21 15:46	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/05/21 15:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/05/21 15:46	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/05/21 15:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 15:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 15:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/05/21 15:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/05/21 15:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/05/21 15:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 15:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/05/21 15:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 15:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/05/21 15:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/05/21 15:46	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

Sample: MW-08		Lab ID: 92536726001		Collected: 05/04/21 14:10		Received: 05/04/21 16:15		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/05/21 15:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/05/21 15:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/05/21 15:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 15:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 15:46	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/05/21 15:46	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/05/21 15:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/05/21 15:46	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/05/21 15:46	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/05/21 15:46	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/05/21 15:46	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/05/21 15:46	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/05/21 15:46	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/05/21 15:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/05/21 15:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/05/21 15:46	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/05/21 15:46	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/05/21 15:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/05/21 15:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/05/21 15:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/05/21 15:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 15:46	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 15:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/05/21 15:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/05/21 15:46	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/05/21 15:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/05/21 15:46	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/05/21 15:46	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/05/21 15:46	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/05/21 15:46	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		05/05/21 15:46	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		05/05/21 15:46	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/05/21 15:46	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

Sample: MW-14		Lab ID: 92536726002		Collected: 05/04/21 10:15		Received: 05/04/21 16:15		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		05/05/21 19:13		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/05/21 19:13		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/05/21 19:13		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/05/21 19:13		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/05/21 19:13		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130		1		05/05/21 19:13	460-00-4	
4-Bromofluorobenzene (PID) (S)	99	%	70-130		1		05/05/21 19:13	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	05/06/21 12:07	05/07/21 10:10	7439-92-1	
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	0.34	1		05/05/21 16:04	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/05/21 16:04	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/05/21 16:04	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/05/21 16:04	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/05/21 16:04	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/05/21 16:04	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/05/21 16:04	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/05/21 16:04	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/05/21 16:04	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/05/21 16:04	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/05/21 16:04	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/05/21 16:04	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/05/21 16:04	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/05/21 16:04	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 16:04	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 16:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/05/21 16:04	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/05/21 16:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/05/21 16:04	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/05/21 16:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 16:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 16:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/05/21 16:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/05/21 16:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/05/21 16:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 16:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/05/21 16:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 16:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/05/21 16:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/05/21 16:04	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

Sample: MW-14		Lab ID: 92536726002		Collected: 05/04/21 10:15		Received: 05/04/21 16:15		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/05/21 16:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/05/21 16:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/05/21 16:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 16:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 16:04	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/05/21 16:04	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/05/21 16:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/05/21 16:04	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/05/21 16:04	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/05/21 16:04	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/05/21 16:04	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/05/21 16:04	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/05/21 16:04	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/05/21 16:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/05/21 16:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/05/21 16:04	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/05/21 16:04	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/05/21 16:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/05/21 16:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/05/21 16:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/05/21 16:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 16:04	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 16:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/05/21 16:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/05/21 16:04	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/05/21 16:04	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/05/21 16:04	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/05/21 16:04	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/05/21 16:04	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/05/21 16:04	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		05/05/21 16:04	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		05/05/21 16:04	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/05/21 16:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

Sample: MW-14D		Lab ID: 92536726003		Collected: 05/04/21 13:30		Received: 05/04/21 16:15		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		05/05/21 19:42		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/05/21 19:42		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/05/21 19:42		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/05/21 19:42		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/05/21 19:42		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		05/05/21 19:42	460-00-4	
4-Bromofluorobenzene (PID) (S)	101	%	70-130		1		05/05/21 19:42	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	13.5	ug/L	5.0	4.5	1	05/06/21 12:07	05/07/21 10:14	7439-92-1	
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	0.34	1		05/05/21 16:23	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/05/21 16:23	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/05/21 16:23	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/05/21 16:23	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/05/21 16:23	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/05/21 16:23	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/05/21 16:23	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/05/21 16:23	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/05/21 16:23	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/05/21 16:23	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/05/21 16:23	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/05/21 16:23	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/05/21 16:23	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/05/21 16:23	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 16:23	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 16:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/05/21 16:23	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/05/21 16:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/05/21 16:23	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/05/21 16:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 16:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 16:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/05/21 16:23	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/05/21 16:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/05/21 16:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 16:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/05/21 16:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 16:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/05/21 16:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/05/21 16:23	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

Sample: MW-14D		Lab ID: 92536726003		Collected: 05/04/21 13:30		Received: 05/04/21 16:15		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/05/21 16:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/05/21 16:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/05/21 16:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 16:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 16:23	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/05/21 16:23	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/05/21 16:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/05/21 16:23	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/05/21 16:23	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/05/21 16:23	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/05/21 16:23	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/05/21 16:23	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/05/21 16:23	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/05/21 16:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/05/21 16:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/05/21 16:23	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/05/21 16:23	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/05/21 16:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/05/21 16:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/05/21 16:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/05/21 16:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 16:23	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 16:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/05/21 16:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/05/21 16:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/05/21 16:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/05/21 16:23	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/05/21 16:23	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/05/21 16:23	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/05/21 16:23	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		05/05/21 16:23	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		05/05/21 16:23	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/05/21 16:23	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

Sample: MW-44 Lab ID: 92536726004 Collected: 05/04/21 11:45 Received: 05/04/21 16:15 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)	67.0	ug/L	50.0	50.0	1		05/05/21 20:10		N2
Aliphatic (C05-C08)	63.8	ug/L	50.0	50.0	1		05/05/21 20:10		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/05/21 20:10		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/05/21 20:10		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/05/21 20:10		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		05/05/21 20:10	460-00-4	
4-Bromofluorobenzene (PID) (S)	100	%	70-130		1		05/05/21 20:10	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	18.0	ug/L	5.0	4.5	1	05/06/21 12:07	05/07/21 10:17	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	2.0	ug/L	0.50	0.34	1		05/05/21 16:41	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/05/21 16:41	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/05/21 16:41	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/05/21 16:41	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/05/21 16:41	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/05/21 16:41	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/05/21 16:41	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/05/21 16:41	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/05/21 16:41	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/05/21 16:41	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/05/21 16:41	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/05/21 16:41	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/05/21 16:41	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/05/21 16:41	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 16:41	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 16:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/05/21 16:41	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/05/21 16:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/05/21 16:41	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/05/21 16:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 16:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 16:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/05/21 16:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/05/21 16:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/05/21 16:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 16:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/05/21 16:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 16:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/05/21 16:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/05/21 16:41	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

Sample: MW-44		Lab ID: 92536726004		Collected: 05/04/21 11:45		Received: 05/04/21 16:15		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/05/21 16:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/05/21 16:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/05/21 16:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 16:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 16:41	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/05/21 16:41	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/05/21 16:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/05/21 16:41	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/05/21 16:41	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/05/21 16:41	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/05/21 16:41	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/05/21 16:41	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/05/21 16:41	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/05/21 16:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/05/21 16:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/05/21 16:41	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/05/21 16:41	127-18-4	
Toluene	3.1	ug/L	0.50	0.48	1		05/05/21 16:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/05/21 16:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/05/21 16:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/05/21 16:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 16:41	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 16:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/05/21 16:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/05/21 16:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/05/21 16:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/05/21 16:41	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/05/21 16:41	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/05/21 16:41	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/05/21 16:41	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		05/05/21 16:41	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		05/05/21 16:41	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/05/21 16:41	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

Sample: MW-45		Lab ID: 92536726005		Collected: 05/04/21 11:40		Received: 05/04/21 16:15		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		05/05/21 20:39		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/05/21 20:39		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/05/21 20:39		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/05/21 20:39		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/05/21 20:39		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		05/05/21 20:39	460-00-4	
4-Bromofluorobenzene (PID) (S)	100	%	70-130		1		05/05/21 20:39	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	05/06/21 12:07	05/07/21 10:20	7439-92-1	
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	0.34	1		05/05/21 16:59	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/05/21 16:59	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/05/21 16:59	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/05/21 16:59	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/05/21 16:59	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/05/21 16:59	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/05/21 16:59	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/05/21 16:59	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/05/21 16:59	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/05/21 16:59	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/05/21 16:59	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/05/21 16:59	75-00-3	
Chloroform	1.7	ug/L	0.50	0.35	1		05/05/21 16:59	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/05/21 16:59	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 16:59	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 16:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/05/21 16:59	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/05/21 16:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/05/21 16:59	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/05/21 16:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 16:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 16:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/05/21 16:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/05/21 16:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/05/21 16:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 16:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/05/21 16:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 16:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/05/21 16:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/05/21 16:59	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

Sample: MW-45		Lab ID: 92536726005		Collected: 05/04/21 11:40		Received: 05/04/21 16:15		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/05/21 16:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/05/21 16:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/05/21 16:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 16:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 16:59	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/05/21 16:59	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/05/21 16:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/05/21 16:59	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/05/21 16:59	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/05/21 16:59	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/05/21 16:59	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/05/21 16:59	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/05/21 16:59	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/05/21 16:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/05/21 16:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/05/21 16:59	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/05/21 16:59	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/05/21 16:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/05/21 16:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/05/21 16:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/05/21 16:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 16:59	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 16:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/05/21 16:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/05/21 16:59	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/05/21 16:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/05/21 16:59	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/05/21 16:59	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/05/21 16:59	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/05/21 16:59	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		05/05/21 16:59	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130		1		05/05/21 16:59	460-00-4	
Toluene-d8 (S)	97	%	70-130		1		05/05/21 16:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

Sample: MW-49 Lab ID: 92536726006 Collected: 05/04/21 13:59 Received: 05/04/21 16:15 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		05/05/21 21:10		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/05/21 21:10		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/05/21 21:10		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/05/21 21:10		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/05/21 21:10		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	88	%	70-130		1		05/05/21 21:10	460-00-4	
4-Bromofluorobenzene (PID) (S)	90	%	70-130		1		05/05/21 21:10	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	05/06/21 12:07	05/07/21 10:29	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/05/21 17:17	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/05/21 17:17	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/05/21 17:17	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/05/21 17:17	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/05/21 17:17	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/05/21 17:17	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/05/21 17:17	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/05/21 17:17	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/05/21 17:17	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/05/21 17:17	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/05/21 17:17	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/05/21 17:17	75-00-3	
Chloroform	0.69	ug/L	0.50	0.35	1		05/05/21 17:17	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/05/21 17:17	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 17:17	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 17:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/05/21 17:17	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/05/21 17:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/05/21 17:17	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/05/21 17:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 17:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 17:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/05/21 17:17	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/05/21 17:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/05/21 17:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 17:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/05/21 17:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 17:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/05/21 17:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/05/21 17:17	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

Sample: MW-49		Lab ID: 92536726006		Collected: 05/04/21 13:59		Received: 05/04/21 16:15		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/05/21 17:17	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/05/21 17:17	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/05/21 17:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 17:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 17:17	10061-02-6	
Diisopropyl ether	0.99	ug/L	0.50	0.31	1		05/05/21 17:17	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/05/21 17:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/05/21 17:17	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/05/21 17:17	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/05/21 17:17	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/05/21 17:17	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/05/21 17:17	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/05/21 17:17	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/05/21 17:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/05/21 17:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/05/21 17:17	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/05/21 17:17	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/05/21 17:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/05/21 17:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/05/21 17:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/05/21 17:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 17:17	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 17:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/05/21 17:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/05/21 17:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/05/21 17:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/05/21 17:17	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/05/21 17:17	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/05/21 17:17	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/05/21 17:17	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		05/05/21 17:17	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		05/05/21 17:17	460-00-4	
Toluene-d8 (S)	97	%	70-130		1		05/05/21 17:17	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

Sample: MW-51 Lab ID: 92536726007 Collected: 05/04/21 10:15 Received: 05/04/21 16:15 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		05/05/21 21:38		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/05/21 21:38		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/05/21 21:38		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/05/21 21:38		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/05/21 21:38		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		05/05/21 21:38	460-00-4	
4-Bromofluorobenzene (PID) (S)	102	%	70-130		1		05/05/21 21:38	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	05/06/21 12:07	05/07/21 10:33	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/05/21 17:35	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/05/21 17:35	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/05/21 17:35	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/05/21 17:35	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/05/21 17:35	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/05/21 17:35	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/05/21 17:35	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/05/21 17:35	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/05/21 17:35	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/05/21 17:35	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/05/21 17:35	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/05/21 17:35	75-00-3	
Chloroform	1.5	ug/L	0.50	0.35	1		05/05/21 17:35	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/05/21 17:35	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 17:35	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 17:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/05/21 17:35	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/05/21 17:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/05/21 17:35	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/05/21 17:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 17:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 17:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/05/21 17:35	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/05/21 17:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/05/21 17:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 17:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/05/21 17:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 17:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/05/21 17:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/05/21 17:35	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

Sample: MW-51		Lab ID: 92536726007		Collected: 05/04/21 10:15		Received: 05/04/21 16:15		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/05/21 17:35	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/05/21 17:35	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/05/21 17:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 17:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 17:35	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/05/21 17:35	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/05/21 17:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/05/21 17:35	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/05/21 17:35	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/05/21 17:35	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/05/21 17:35	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/05/21 17:35	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/05/21 17:35	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/05/21 17:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/05/21 17:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/05/21 17:35	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/05/21 17:35	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/05/21 17:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/05/21 17:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/05/21 17:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/05/21 17:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 17:35	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 17:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/05/21 17:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/05/21 17:35	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/05/21 17:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/05/21 17:35	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/05/21 17:35	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/05/21 17:35	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/05/21 17:35	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		05/05/21 17:35	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		05/05/21 17:35	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		05/05/21 17:35	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

Sample: MW-62		Lab ID: 92536726008		Collected: 05/04/21 14:00		Received: 05/04/21 16:15		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		05/05/21 22:07		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/05/21 22:07		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/05/21 22:07		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/05/21 22:07		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/05/21 22:07		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		05/05/21 22:07	460-00-4	
4-Bromofluorobenzene (PID) (S)	99	%	70-130		1		05/05/21 22:07	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	05/06/21 12:07	05/07/21 10:36	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/05/21 17:53	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/05/21 17:53	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/05/21 17:53	74-97-5	
Bromodichloromethane	0.59	ug/L	0.50	0.31	1		05/05/21 17:53	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/05/21 17:53	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/05/21 17:53	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/05/21 17:53	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/05/21 17:53	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/05/21 17:53	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/05/21 17:53	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/05/21 17:53	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/05/21 17:53	75-00-3	
Chloroform	2.4	ug/L	0.50	0.35	1		05/05/21 17:53	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/05/21 17:53	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 17:53	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 17:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/05/21 17:53	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/05/21 17:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/05/21 17:53	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/05/21 17:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 17:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 17:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/05/21 17:53	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/05/21 17:53	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/05/21 17:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 17:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/05/21 17:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 17:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/05/21 17:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/05/21 17:53	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

Sample: MW-62		Lab ID: 92536726008		Collected: 05/04/21 14:00		Received: 05/04/21 16:15		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/05/21 17:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/05/21 17:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/05/21 17:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 17:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 17:53	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/05/21 17:53	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/05/21 17:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/05/21 17:53	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/05/21 17:53	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/05/21 17:53	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/05/21 17:53	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/05/21 17:53	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/05/21 17:53	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/05/21 17:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/05/21 17:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/05/21 17:53	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/05/21 17:53	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/05/21 17:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/05/21 17:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/05/21 17:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/05/21 17:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 17:53	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 17:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/05/21 17:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/05/21 17:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/05/21 17:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/05/21 17:53	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/05/21 17:53	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/05/21 17:53	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/05/21 17:53	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		05/05/21 17:53	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		05/05/21 17:53	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/05/21 17:53	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

Sample: MW-73 Lab ID: 92536726009 Collected: 05/04/21 09:30 Received: 05/04/21 16:15 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		05/05/21 22:35		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/05/21 22:35		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/05/21 22:35		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/05/21 22:35		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/05/21 22:35		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		05/05/21 22:35	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		05/05/21 22:35	460-00-4	
6010 MET ICP Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	14.6	ug/L	5.0	4.5	1	05/06/21 12:07	05/07/21 10:39	7439-92-1	
6200B MSV Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/05/21 18:11	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/05/21 18:11	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/05/21 18:11	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/05/21 18:11	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/05/21 18:11	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/05/21 18:11	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/05/21 18:11	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/05/21 18:11	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/05/21 18:11	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/05/21 18:11	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/05/21 18:11	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/05/21 18:11	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/05/21 18:11	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/05/21 18:11	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 18:11	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 18:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/05/21 18:11	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/05/21 18:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/05/21 18:11	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/05/21 18:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 18:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 18:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/05/21 18:11	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/05/21 18:11	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/05/21 18:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 18:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/05/21 18:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 18:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/05/21 18:11	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/05/21 18:11	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

Sample: MW-73		Lab ID: 92536726009		Collected: 05/04/21 09:30		Received: 05/04/21 16:15		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/05/21 18:11	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/05/21 18:11	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/05/21 18:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 18:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 18:11	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/05/21 18:11	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/05/21 18:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/05/21 18:11	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/05/21 18:11	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/05/21 18:11	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/05/21 18:11	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/05/21 18:11	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/05/21 18:11	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/05/21 18:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/05/21 18:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/05/21 18:11	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/05/21 18:11	127-18-4	
Toluene	0.70	ug/L	0.50	0.48	1		05/05/21 18:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/05/21 18:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/05/21 18:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/05/21 18:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 18:11	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 18:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/05/21 18:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/05/21 18:11	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/05/21 18:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/05/21 18:11	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/05/21 18:11	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/05/21 18:11	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/05/21 18:11	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		05/05/21 18:11	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		05/05/21 18:11	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/05/21 18:11	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

Sample: MW-76		Lab ID: 92536726010		Collected: 05/04/21 12:40		Received: 05/04/21 16:15		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		05/05/21 23:03		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/05/21 23:03		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/05/21 23:03		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/05/21 23:03		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/05/21 23:03		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1		05/05/21 23:03	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		05/05/21 23:03	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	05/06/21 12:07	05/07/21 10:42	7439-92-1	
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	0.34	1		05/05/21 15:10	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/05/21 15:10	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/05/21 15:10	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/05/21 15:10	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/05/21 15:10	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/05/21 15:10	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/05/21 15:10	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/05/21 15:10	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/05/21 15:10	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/05/21 15:10	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/05/21 15:10	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/05/21 15:10	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/05/21 15:10	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/05/21 15:10	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 15:10	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 15:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/05/21 15:10	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/05/21 15:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/05/21 15:10	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/05/21 15:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 15:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 15:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/05/21 15:10	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/05/21 15:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/05/21 15:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 15:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/05/21 15:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 15:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/05/21 15:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/05/21 15:10	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

Sample: MW-76		Lab ID: 92536726010		Collected: 05/04/21 12:40		Received: 05/04/21 16:15		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/05/21 15:10	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/05/21 15:10	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/05/21 15:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 15:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 15:10	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/05/21 15:10	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/05/21 15:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/05/21 15:10	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/05/21 15:10	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/05/21 15:10	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/05/21 15:10	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/05/21 15:10	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/05/21 15:10	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/05/21 15:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/05/21 15:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/05/21 15:10	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/05/21 15:10	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/05/21 15:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/05/21 15:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/05/21 15:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/05/21 15:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 15:10	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 15:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/05/21 15:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/05/21 15:10	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/05/21 15:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/05/21 15:10	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/05/21 15:10	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/05/21 15:10	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/05/21 15:10	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		05/05/21 15:10	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		05/05/21 15:10	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/05/21 15:10	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

Sample: MW-86		Lab ID: 92536726011		Collected: 05/04/21 11:30		Received: 05/04/21 16:15		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		05/05/21 23:32		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/05/21 23:32		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/05/21 23:32		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/05/21 23:32		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/05/21 23:32		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1		05/05/21 23:32	460-00-4	
4-Bromofluorobenzene (PID) (S)	106	%	70-130		1		05/05/21 23:32	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	100	ug/L	5.0	4.5	1	05/06/21 12:07	05/07/21 10:45	7439-92-1	
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	0.34	1		05/05/21 15:28	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/05/21 15:28	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/05/21 15:28	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/05/21 15:28	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/05/21 15:28	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/05/21 15:28	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/05/21 15:28	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/05/21 15:28	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/05/21 15:28	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/05/21 15:28	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/05/21 15:28	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/05/21 15:28	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/05/21 15:28	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/05/21 15:28	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 15:28	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 15:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/05/21 15:28	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/05/21 15:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/05/21 15:28	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/05/21 15:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 15:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 15:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/05/21 15:28	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/05/21 15:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/05/21 15:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 15:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/05/21 15:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 15:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/05/21 15:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/05/21 15:28	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

Sample: MW-86		Lab ID: 92536726011		Collected: 05/04/21 11:30		Received: 05/04/21 16:15		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/05/21 15:28	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/05/21 15:28	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/05/21 15:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 15:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 15:28	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/05/21 15:28	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/05/21 15:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/05/21 15:28	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/05/21 15:28	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/05/21 15:28	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/05/21 15:28	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/05/21 15:28	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/05/21 15:28	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/05/21 15:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/05/21 15:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/05/21 15:28	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/05/21 15:28	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/05/21 15:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/05/21 15:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/05/21 15:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/05/21 15:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 15:28	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 15:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/05/21 15:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/05/21 15:28	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/05/21 15:28	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/05/21 15:28	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/05/21 15:28	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/05/21 15:28	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/05/21 15:28	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		05/05/21 15:28	17060-07-0	
4-Bromofluorobenzene (S)	93	%	70-130		1		05/05/21 15:28	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		05/05/21 15:28	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

Sample: DUP-1-20210504 Lab ID: 92536726012 Collected: 05/04/21 00:00 Received: 05/04/21 16:15 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		05/06/21 00:00		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/06/21 00:00		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/06/21 00:00		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/06/21 00:00		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/06/21 00:00		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		05/06/21 00:00	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		05/06/21 00:00	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	05/06/21 12:07	05/07/21 10:49	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/05/21 18:29	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/05/21 18:29	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/05/21 18:29	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/05/21 18:29	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/05/21 18:29	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/05/21 18:29	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/05/21 18:29	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/05/21 18:29	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/05/21 18:29	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/05/21 18:29	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/05/21 18:29	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/05/21 18:29	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/05/21 18:29	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/05/21 18:29	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 18:29	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 18:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/05/21 18:29	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/05/21 18:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/05/21 18:29	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/05/21 18:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 18:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 18:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/05/21 18:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/05/21 18:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/05/21 18:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 18:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/05/21 18:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 18:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/05/21 18:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/05/21 18:29	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

Sample: DUP-1-20210504		Lab ID: 92536726012		Collected: 05/04/21 00:00		Received: 05/04/21 16:15		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/05/21 18:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/05/21 18:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/05/21 18:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 18:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 18:29	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/05/21 18:29	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/05/21 18:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/05/21 18:29	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/05/21 18:29	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/05/21 18:29	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/05/21 18:29	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/05/21 18:29	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/05/21 18:29	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/05/21 18:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/05/21 18:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/05/21 18:29	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/05/21 18:29	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/05/21 18:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/05/21 18:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/05/21 18:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/05/21 18:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 18:29	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 18:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/05/21 18:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/05/21 18:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/05/21 18:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/05/21 18:29	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/05/21 18:29	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/05/21 18:29	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/05/21 18:29	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		05/05/21 18:29	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		05/05/21 18:29	460-00-4	
Toluene-d8 (S)	98	%	70-130		1		05/05/21 18:29	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

Sample: Trip Blank		Lab ID: 92536726013		Collected: 05/04/21 00:00		Received: 05/04/21 16:15		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		05/05/21 12:46	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/05/21 12:46	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/05/21 12:46	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/05/21 12:46	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/05/21 12:46	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/05/21 12:46	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/05/21 12:46	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/05/21 12:46	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/05/21 12:46	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/05/21 12:46	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/05/21 12:46	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/05/21 12:46	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/05/21 12:46	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/05/21 12:46	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 12:46	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 12:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/05/21 12:46	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/05/21 12:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/05/21 12:46	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/05/21 12:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 12:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 12:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/05/21 12:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/05/21 12:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/05/21 12:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 12:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/05/21 12:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 12:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/05/21 12:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/05/21 12:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/05/21 12:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/05/21 12:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/05/21 12:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 12:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 12:46	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/05/21 12:46	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/05/21 12:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/05/21 12:46	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/05/21 12:46	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/05/21 12:46	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/05/21 12:46	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/05/21 12:46	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/05/21 12:46	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/05/21 12:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/05/21 12:46	630-20-6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

Sample: Trip Blank		Lab ID: 92536726013		Collected: 05/04/21 00:00		Received: 05/04/21 16:15		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		05/05/21 12:46	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/05/21 12:46	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/05/21 12:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/05/21 12:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/05/21 12:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/05/21 12:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 12:46	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 12:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/05/21 12:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/05/21 12:46	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/05/21 12:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/05/21 12:46	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/05/21 12:46	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/05/21 12:46	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/05/21 12:46	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		05/05/21 12:46	17060-07-0	
4-Bromofluorobenzene (S)	93	%	70-130		1		05/05/21 12:46	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		05/05/21 12:46	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

QC Batch:	618417	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92536726001, 92536726002, 92536726003, 92536726004, 92536726005, 92536726006, 92536726007, 92536726008, 92536726009, 92536726010, 92536726011, 92536726012		

METHOD BLANK:	3253800	Matrix:	Water
Associated Lab Samples:	92536726001, 92536726002, 92536726003, 92536726004, 92536726005, 92536726006, 92536726007, 92536726008, 92536726009, 92536726010, 92536726011, 92536726012		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/05/21 15:26	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/05/21 15:26	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/05/21 15:26	N2
4-Bromofluorobenzene (FID) (S)	%	101	70-130		05/05/21 15:26	
4-Bromofluorobenzene (PID) (S)	%	103	70-130		05/05/21 15:26	

LABORATORY CONTROL SAMPLE & LCSD: 3253801			3253802							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	331	328	110	109	70-130	1	25	N2
Aliphatic (C09-C12)	ug/L	300	335	339	112	113	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	110	108	110	108	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				102	99	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

QC Batch:	618340	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3010A	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Asheville
Associated Lab Samples:	92536726001, 92536726002, 92536726003, 92536726004, 92536726005, 92536726006, 92536726007, 92536726008, 92536726009, 92536726010, 92536726011, 92536726012		

METHOD BLANK:	3253246	Matrix:	Water
Associated Lab Samples:	92536726001, 92536726002, 92536726003, 92536726004, 92536726005, 92536726006, 92536726007, 92536726008, 92536726009, 92536726010, 92536726011, 92536726012		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	05/07/21 09:51	

LABORATORY CONTROL SAMPLE: 3253247						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	477	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:					3253248								3253249			
Parameter	Units	92536726001 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	479	464	96	92	75-125	3	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

QC Batch:	618323	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92536726001, 92536726002, 92536726003, 92536726004, 92536726005, 92536726006, 92536726007, 92536726008, 92536726009, 92536726010, 92536726011, 92536726012, 92536726013		

METHOD BLANK: 3253184

Matrix: Water

Associated Lab Samples: 92536726001, 92536726002, 92536726003, 92536726004, 92536726005, 92536726006, 92536726007, 92536726008, 92536726009, 92536726010, 92536726011, 92536726012, 92536726013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/05/21 11:52	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/05/21 11:52	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/05/21 11:52	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/05/21 11:52	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/05/21 11:52	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/05/21 11:52	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/05/21 11:52	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/05/21 11:52	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/05/21 11:52	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/05/21 11:52	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/05/21 11:52	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/05/21 11:52	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/05/21 11:52	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/05/21 11:52	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/05/21 11:52	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/05/21 11:52	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/05/21 11:52	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/05/21 11:52	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/05/21 11:52	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/05/21 11:52	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/05/21 11:52	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/05/21 11:52	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/05/21 11:52	
Benzene	ug/L	ND	0.50	0.34	05/05/21 11:52	
Bromobenzene	ug/L	ND	0.50	0.29	05/05/21 11:52	
Bromochloromethane	ug/L	ND	0.50	0.47	05/05/21 11:52	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/05/21 11:52	
Bromoform	ug/L	ND	0.50	0.34	05/05/21 11:52	
Bromomethane	ug/L	ND	5.0	1.7	05/05/21 11:52	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/05/21 11:52	
Chlorobenzene	ug/L	ND	0.50	0.28	05/05/21 11:52	
Chloroethane	ug/L	ND	1.0	0.65	05/05/21 11:52	
Chloroform	ug/L	ND	0.50	0.35	05/05/21 11:52	
Chloromethane	ug/L	ND	1.0	0.54	05/05/21 11:52	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/05/21 11:52	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/05/21 11:52	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/05/21 11:52	
Dibromomethane	ug/L	ND	0.50	0.39	05/05/21 11:52	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/05/21 11:52	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

METHOD BLANK: 3253184

Matrix: Water

Associated Lab Samples: 92536726001, 92536726002, 92536726003, 92536726004, 92536726005, 92536726006, 92536726007, 92536726008, 92536726009, 92536726010, 92536726011, 92536726012, 92536726013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	0.50	0.31	05/05/21 11:52	
Ethylbenzene	ug/L	ND	0.50	0.30	05/05/21 11:52	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/05/21 11:52	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/05/21 11:52	
m&p-Xylene	ug/L	ND	1.0	0.71	05/05/21 11:52	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/05/21 11:52	
Methylene Chloride	ug/L	ND	2.0	2.0	05/05/21 11:52	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/05/21 11:52	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/05/21 11:52	
Naphthalene	ug/L	ND	2.0	0.64	05/05/21 11:52	
o-Xylene	ug/L	ND	0.50	0.34	05/05/21 11:52	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/05/21 11:52	
Styrene	ug/L	ND	0.50	0.29	05/05/21 11:52	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/05/21 11:52	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/05/21 11:52	
Toluene	ug/L	ND	0.50	0.48	05/05/21 11:52	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/05/21 11:52	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/05/21 11:52	
Trichloroethene	ug/L	ND	0.50	0.38	05/05/21 11:52	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/05/21 11:52	
Vinyl chloride	ug/L	ND	1.0	0.39	05/05/21 11:52	
1,2-Dichloroethane-d4 (S)	%	104	70-130		05/05/21 11:52	
4-Bromofluorobenzene (S)	%	100	70-130		05/05/21 11:52	
Toluene-d8 (S)	%	98	70-130		05/05/21 11:52	

LABORATORY CONTROL SAMPLE: 3253185

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	50.0	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	50.1	100	60-140	
1,1,2-Trichloroethane	ug/L	50	49.8	100	60-140	
1,1-Dichloroethane	ug/L	50	55.6	111	60-140	
1,1-Dichloroethene	ug/L	50	57.4	115	60-140	
1,1-Dichloropropene	ug/L	50	53.6	107	60-140	
1,2,3-Trichlorobenzene	ug/L	50	43.8	88	60-140	
1,2,3-Trichloropropane	ug/L	50	48.7	97	60-140	
1,2,4-Trichlorobenzene	ug/L	50	45.3	91	60-140	
1,2,4-Trimethylbenzene	ug/L	50	49.9	100	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	51.3	103	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	51.9	104	60-140	
1,2-Dichlorobenzene	ug/L	50	45.2	90	60-140	
1,2-Dichloroethane	ug/L	50	43.5	87	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

LABORATORY CONTROL SAMPLE: 3253185

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloropropane	ug/L	50	52.7	105	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.1	98	60-140	
1,3-Dichlorobenzene	ug/L	50	46.1	92	60-140	
1,3-Dichloropropane	ug/L	50	54.6	109	60-140	
1,4-Dichlorobenzene	ug/L	50	45.7	91	60-140	
2,2-Dichloropropane	ug/L	50	51.6	103	60-140	
2-Chlorotoluene	ug/L	50	50.9	102	60-140	
4-Chlorotoluene	ug/L	50	47.7	95	60-140	
Benzene	ug/L	50	52.3	105	60-140	
Bromobenzene	ug/L	50	48.3	97	60-140	
Bromochloromethane	ug/L	50	51.4	103	60-140	
Bromodichloromethane	ug/L	50	49.2	98	60-140	
Bromoform	ug/L	50	50.4	101	60-140	
Bromomethane	ug/L	50	41.6	83	60-140	
Carbon tetrachloride	ug/L	50	47.8	96	60-140	
Chlorobenzene	ug/L	50	49.7	99	60-140	
Chloroethane	ug/L	50	39.6	79	60-140	
Chloroform	ug/L	50	46.8	94	60-140	
Chloromethane	ug/L	50	64.1	128	60-140	
cis-1,2-Dichloroethene	ug/L	50	55.2	110	60-140	
cis-1,3-Dichloropropene	ug/L	50	53.6	107	60-140	
Dibromochloromethane	ug/L	50	54.2	108	60-140	
Dibromomethane	ug/L	50	44.9	90	60-140	
Dichlorodifluoromethane	ug/L	50	48.7	97	60-140	
Diisopropyl ether	ug/L	50	58.5	117	60-140	
Ethylbenzene	ug/L	50	49.6	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	47.4	95	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.4	97	60-140	
m&p-Xylene	ug/L	100	99.5	99	60-140	
Methyl-tert-butyl ether	ug/L	50	48.7	97	60-140	
Methylene Chloride	ug/L	50	55.1	110	60-140	
n-Butylbenzene	ug/L	50	48.7	97	60-140	
n-Propylbenzene	ug/L	50	49.6	99	60-140	
Naphthalene	ug/L	50	44.1	88	60-140	
o-Xylene	ug/L	50	48.3	97	60-140	
sec-Butylbenzene	ug/L	50	47.5	95	60-140	
Styrene	ug/L	50	50.7	101	60-140	
tert-Butylbenzene	ug/L	50	40.6	81	60-140	
Tetrachloroethene	ug/L	50	49.1	98	60-140	
Toluene	ug/L	50	49.2	98	60-140	
trans-1,2-Dichloroethene	ug/L	50	56.9	114	60-140	
trans-1,3-Dichloropropene	ug/L	50	51.6	103	60-140	
Trichloroethene	ug/L	50	47.6	95	60-140	
Trichlorofluoromethane	ug/L	50	37.3	75	60-140	
Vinyl chloride	ug/L	50	58.9	118	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

LABORATORY CONTROL SAMPLE: 3253185

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253186 3253187

Parameter	Units	92536183003 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	500	500	551	558	110	112	60-140	1	30	
1,1,1-Trichloroethane	ug/L	ND	500	500	592	613	118	123	60-140	3	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	500	500	577	551	115	110	60-140	5	30	
1,1,2-Trichloroethane	ug/L	ND	500	500	579	568	116	114	60-140	2	30	
1,1-Dichloroethane	ug/L	ND	500	500	672	674	134	135	60-140	0	30	
1,1-Dichloroethene	ug/L	ND	500	500	714	703	143	141	60-140	2	30	M1
1,1-Dichloropropene	ug/L	ND	500	500	649	645	130	129	60-140	1	30	
1,2,3-Trichlorobenzene	ug/L	ND	500	500	432	482	86	96	60-140	11	30	
1,2,3-Trichloropropane	ug/L	ND	500	500	557	539	111	108	60-140	3	30	
1,2,4-Trichlorobenzene	ug/L	ND	500	500	461	493	92	99	60-140	7	30	
1,2,4-Trimethylbenzene	ug/L	ND	500	500	558	568	112	114	60-140	2	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	500	500	510	534	102	107	60-140	5	30	
1,2-Dibromoethane (EDB)	ug/L	ND	500	500	603	605	121	121	60-140	0	30	
1,2-Dichlorobenzene	ug/L	ND	500	500	487	502	97	100	60-140	3	30	
1,2-Dichloroethane	ug/L	ND	500	500	510	520	102	104	60-140	2	30	
1,2-Dichloropropane	ug/L	ND	500	500	644	657	129	131	60-140	2	30	
1,3,5-Trimethylbenzene	ug/L	ND	500	500	563	571	113	114	60-140	1	30	
1,3-Dichlorobenzene	ug/L	ND	500	500	497	505	99	101	60-140	2	30	
1,3-Dichloropropane	ug/L	ND	500	500	648	644	130	129	60-140	1	30	
1,4-Dichlorobenzene	ug/L	ND	500	500	490	508	98	102	60-140	4	30	
2,2-Dichloropropane	ug/L	ND	500	500	513	528	103	106	60-140	3	30	
2-Chlorotoluene	ug/L	ND	500	500	564	576	113	115	60-140	2	30	
4-Chlorotoluene	ug/L	ND	500	500	538	546	108	109	60-140	2	30	
Benzene	ug/L	ND	500	500	622	617	124	123	60-140	1	30	
Bromobenzene	ug/L	ND	500	500	545	564	109	113	60-140	3	30	
Bromochloromethane	ug/L	ND	500	500	586	606	117	121	60-140	3	30	
Bromodichloromethane	ug/L	ND	500	500	567	567	113	113	60-140	0	30	
Bromoform	ug/L	ND	500	500	513	510	103	102	60-140	1	30	
Bromomethane	ug/L	ND	500	500	474	557	95	111	60-140	16	30	
Carbon tetrachloride	ug/L	ND	500	500	546	550	109	110	60-140	1	30	
Chlorobenzene	ug/L	ND	500	500	577	578	115	116	60-140	0	30	
Chloroethane	ug/L	ND	500	500	557	580	111	116	60-140	4	30	
Chloroform	ug/L	ND	500	500	542	550	108	110	60-140	1	30	
Chloromethane	ug/L	ND	500	500	709	694	142	139	60-140	2	30	M1
cis-1,2-Dichloroethene	ug/L	ND	500	500	659	681	132	136	60-140	3	30	
cis-1,3-Dichloropropene	ug/L	ND	500	500	554	582	111	116	60-140	5	30	
Dibromochloromethane	ug/L	ND	500	500	588	602	118	120	60-140	2	30	
Dibromomethane	ug/L	ND	500	500	533	528	107	106	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253186				3253187									
Parameter	Units	92536183003	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
Dichlorodifluoromethane	ug/L	ND	500	500	555	546	111	109	60-140	2	30		
Diisopropyl ether	ug/L	99.9	500	500	789	808	138	142	60-140	2	30	M1	
Ethylbenzene	ug/L	ND	500	500	583	580	117	116	60-140	1	30		
Hexachloro-1,3-butadiene	ug/L	ND	500	500	527	558	105	112	60-140	6	30		
Isopropylbenzene (Cumene)	ug/L	ND	500	500	569	557	114	111	60-140	2	30		
m&p-Xylene	ug/L	ND	1000	1000	1160	1150	116	115	60-140	1	30		
Methyl-tert-butyl ether	ug/L	3400	500	500	4080	4070	137	135	60-140	0	30		
Methylene Chloride	ug/L	148	500	500	785	764	127	123	60-140	3	30		
n-Butylbenzene	ug/L	ND	500	500	543	557	109	111	60-140	3	30		
n-Propylbenzene	ug/L	ND	500	500	567	571	113	114	60-140	1	30		
Naphthalene	ug/L	ND	500	500	415	459	83	92	60-140	10	30		
o-Xylene	ug/L	ND	500	500	553	549	111	110	60-140	1	30		
sec-Butylbenzene	ug/L	ND	500	500	553	561	111	112	60-140	1	30		
Styrene	ug/L	ND	500	500	559	550	112	110	60-140	2	30		
tert-Butylbenzene	ug/L	ND	500	500	477	485	95	97	60-140	2	30		
Tetrachloroethene	ug/L	ND	500	500	574	570	115	114	60-140	1	30		
Toluene	ug/L	ND	500	500	548	574	110	115	60-140	5	30		
trans-1,2-Dichloroethene	ug/L	ND	500	500	685	690	137	138	60-140	1	30		
trans-1,3-Dichloropropene	ug/L	ND	500	500	538	543	108	109	60-140	1	30		
Trichloroethene	ug/L	ND	500	500	557	557	111	111	60-140	0	30		
Trichlorofluoromethane	ug/L	ND	500	500	518	525	104	105	60-140	1	30		
Vinyl chloride	ug/L	ND	500	500	709	692	142	138	60-140	3	30	M1	
1,2-Dichloroethane-d4 (S)	%						100	102	70-130				
4-Bromofluorobenzene (S)	%						99	96	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536726

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92536726001	MW-08	MADEP VPH	618417		
92536726002	MW-14	MADEP VPH	618417		
92536726003	MW-14D	MADEP VPH	618417		
92536726004	MW-44	MADEP VPH	618417		
92536726005	MW-45	MADEP VPH	618417		
92536726006	MW-49	MADEP VPH	618417		
92536726007	MW-51	MADEP VPH	618417		
92536726008	MW-62	MADEP VPH	618417		
92536726009	MW-73	MADEP VPH	618417		
92536726010	MW-76	MADEP VPH	618417		
92536726011	MW-86	MADEP VPH	618417		
92536726012	DUP-1-20210504	MADEP VPH	618417		
92536726001	MW-08	EPA 3010A	618340	EPA 6010D	618836
92536726002	MW-14	EPA 3010A	618340	EPA 6010D	618836
92536726003	MW-14D	EPA 3010A	618340	EPA 6010D	618836
92536726004	MW-44	EPA 3010A	618340	EPA 6010D	618836
92536726005	MW-45	EPA 3010A	618340	EPA 6010D	618836
92536726006	MW-49	EPA 3010A	618340	EPA 6010D	618836
92536726007	MW-51	EPA 3010A	618340	EPA 6010D	618836
92536726008	MW-62	EPA 3010A	618340	EPA 6010D	618836
92536726009	MW-73	EPA 3010A	618340	EPA 6010D	618836
92536726010	MW-76	EPA 3010A	618340	EPA 6010D	618836
92536726011	MW-86	EPA 3010A	618340	EPA 6010D	618836
92536726012	DUP-1-20210504	EPA 3010A	618340	EPA 6010D	618836
92536726001	MW-08	SM 6200B	618323		
92536726002	MW-14	SM 6200B	618323		
92536726003	MW-14D	SM 6200B	618323		
92536726004	MW-44	SM 6200B	618323		
92536726005	MW-45	SM 6200B	618323		
92536726006	MW-49	SM 6200B	618323		
92536726007	MW-51	SM 6200B	618323		
92536726008	MW-62	SM 6200B	618323		
92536726009	MW-73	SM 6200B	618323		
92536726010	MW-76	SM 6200B	618323		
92536726011	MW-86	SM 6200B	618323		
92536726012	DUP-1-20210504	SM 6200B	618323		
92536726013	Trip Blank	SM 6200B	618323		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

	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

Client Name:

AEcom

Project #

W0# : 92536726

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client

☐ Commercial

☒ Pace

☐ Other:



92536726

Custody Seal Present? ☐ Yes ☒ No Seals Intact? ☐ Yes ☒ No

Date/Initials Person Examining Contents: 5/14/21

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ None ☐ Other

Thermometer:

☒ IR Gun ID:

927064

Type of Ice:

☒ Wet

☐ Blue

☐ None

Biological Tissue Frozen?

☐ Yes

☐ No

☒ N/A

Cooler Temp:

3.1

Correction Factor:

Add/Subtract (°C) 0.0°C

Temp should be above freezing to 6°C

☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C):

3.1

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# : 92536726

PM : NMG

Due Date: 05/07/21

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																7													
7																7													
8																7													
9																7													
10																7													
11																7													
12																7													

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# : 92536726

PM: NMG

Due Date: 05/07/21

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 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)-503S 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													
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.



The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

[illegible]

SAMPLER NAME AND SIGNATURE		TEMP in C		Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
Emily R. Jove / AECOM	5/4/21	16.15	5/4/21	16.15	Y	Y

PRINT Name of SAMPLER: Emily Love

SIGNATURE of SAMPLER: Emily R. Jove

DATE Signed: 5/4/2021

Page 44 of 45

May 07, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC Huntersville (5/4/21)
Pace Project No.: 92536731

Dear Andrew Wreschnig:

Enclosed are the analytical results for sample(s) received by the laboratory on May 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 - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,



Nicole Gasiorowski
nicole.gasiorowski@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: 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 (5/4/21)

Pace Project No.: 92536731

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536731

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92536731001	MW-70	Water	05/04/21 09:05	05/04/21 16:15
92536731002	FB-1-20210504	Water	05/04/21 15:00	05/04/21 16:15
92536731003	Trip Blank	Water	05/04/21 00:00	05/04/21 16:15

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536731

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92536731001	MW-70	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92536731002	FB-1-20210504	MADEP VPH	LMB	7	PASI-C
		SM 6200B	SAS	63	PASI-C
92536731003	Trip Blank	SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536731

Sample: MW-70 Lab ID: 92536731001 Collected: 05/04/21 09:05 Received: 05/04/21 16:15 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		05/06/21 00:29		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/06/21 00:29		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/06/21 00:29		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/06/21 00:29		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/06/21 00:29		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		05/06/21 00:29	460-00-4	
4-Bromofluorobenzene (PID) (S)	100	%	70-130		1		05/06/21 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	05/06/21 12:07	05/07/21 10:52	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/05/21 18:47	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/05/21 18:47	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/05/21 18:47	74-97-5	
Bromodichloromethane	0.40J	ug/L	0.50	0.31	1		05/05/21 18:47	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/05/21 18:47	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/05/21 18:47	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/05/21 18:47	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/05/21 18:47	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/05/21 18:47	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/05/21 18:47	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/05/21 18:47	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/05/21 18:47	75-00-3	
Chloroform	1.7	ug/L	0.50	0.35	1		05/05/21 18:47	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/05/21 18:47	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 18:47	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 18:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/05/21 18:47	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/05/21 18:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/05/21 18:47	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/05/21 18:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 18:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 18:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/05/21 18:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/05/21 18:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/05/21 18:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 18:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/05/21 18:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 18:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/05/21 18:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/05/21 18:47	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536731

Sample: MW-70		Lab ID: 92536731001		Collected: 05/04/21 09:05		Received: 05/04/21 16:15		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/05/21 18:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/05/21 18:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/05/21 18:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 18:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 18:47	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/05/21 18:47	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/05/21 18:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/05/21 18:47	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/05/21 18:47	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/05/21 18:47	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/05/21 18:47	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/05/21 18:47	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/05/21 18:47	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/05/21 18:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/05/21 18:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/05/21 18:47	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/05/21 18:47	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/05/21 18:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/05/21 18:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/05/21 18:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/05/21 18:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 18:47	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 18:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/05/21 18:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/05/21 18:47	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/05/21 18:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/05/21 18:47	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/05/21 18:47	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/05/21 18:47	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/05/21 18:47	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		05/05/21 18:47	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		05/05/21 18:47	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/05/21 18:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536731

Sample: FB-1-20210504 Lab ID: 92536731002 Collected: 05/04/21 15:00 Received: 05/04/21 16:15 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		05/06/21 14:00		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/06/21 14:00		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/06/21 14:00		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/06/21 14:00		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/06/21 14:00		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1		05/06/21 14:00	460-00-4	
4-Bromofluorobenzene (PID) (S)	105	%	70-130		1		05/06/21 14:00	460-00-4	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/05/21 13:04	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/05/21 13:04	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/05/21 13:04	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/05/21 13:04	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/05/21 13:04	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/05/21 13:04	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/05/21 13:04	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/05/21 13:04	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/05/21 13:04	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/05/21 13:04	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/05/21 13:04	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/05/21 13:04	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/05/21 13:04	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/05/21 13:04	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 13:04	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 13:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/05/21 13:04	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/05/21 13:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/05/21 13:04	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/05/21 13:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 13:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 13:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/05/21 13:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/05/21 13:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/05/21 13:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 13:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/05/21 13:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 13:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/05/21 13:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/05/21 13:04	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/05/21 13:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/05/21 13:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/05/21 13:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 13:04	10061-01-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536731

Sample: FB-1-20210504		Lab ID: 92536731002		Collected: 05/04/21 15:00		Received: 05/04/21 16:15		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-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 13:04	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/05/21 13:04	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/05/21 13:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/05/21 13:04	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/05/21 13:04	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/05/21 13:04	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/05/21 13:04	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/05/21 13:04	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/05/21 13:04	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/05/21 13:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/05/21 13:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/05/21 13:04	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/05/21 13:04	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/05/21 13:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/05/21 13:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/05/21 13:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/05/21 13:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 13:04	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 13:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/05/21 13:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/05/21 13:04	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/05/21 13:04	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/05/21 13:04	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/05/21 13:04	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/05/21 13:04	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/05/21 13:04	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		05/05/21 13:04	17060-07-0	
4-Bromofluorobenzene (S)	93	%	70-130		1		05/05/21 13:04	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/05/21 13:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536731

Sample: Trip Blank		Lab ID: 92536731003		Collected: 05/04/21 00:00		Received: 05/04/21 16:15		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		05/05/21 13:22	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/05/21 13:22	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/05/21 13:22	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/05/21 13:22	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/05/21 13:22	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/05/21 13:22	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/05/21 13:22	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/05/21 13:22	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/05/21 13:22	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/05/21 13:22	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/05/21 13:22	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/05/21 13:22	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/05/21 13:22	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/05/21 13:22	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 13:22	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 13:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/05/21 13:22	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/05/21 13:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/05/21 13:22	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/05/21 13:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 13:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 13:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/05/21 13:22	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/05/21 13:22	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/05/21 13:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 13:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/05/21 13:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 13:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/05/21 13:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/05/21 13:22	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/05/21 13:22	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/05/21 13:22	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/05/21 13:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 13:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 13:22	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/05/21 13:22	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/05/21 13:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/05/21 13:22	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/05/21 13:22	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/05/21 13:22	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/05/21 13:22	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/05/21 13:22	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/05/21 13:22	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/05/21 13:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/05/21 13:22	630-20-6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536731

Sample: Trip Blank		Lab ID: 92536731003		Collected: 05/04/21 00:00		Received: 05/04/21 16:15		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		05/05/21 13:22	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/05/21 13:22	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/05/21 13:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/05/21 13:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/05/21 13:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/05/21 13:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 13:22	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 13:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/05/21 13:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/05/21 13:22	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/05/21 13:22	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/05/21 13:22	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/05/21 13:22	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/05/21 13:22	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/05/21 13:22	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		05/05/21 13:22	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		05/05/21 13:22	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/05/21 13:22	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536731

QC Batch: 618417

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92536731001

METHOD BLANK: 3253800

Matrix: Water

Associated Lab Samples: 92536731001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/05/21 15:26	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/05/21 15:26	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/05/21 15:26	N2
4-Bromofluorobenzene (FID) (S)	%	101	70-130		05/05/21 15:26	
4-Bromofluorobenzene (PID) (S)	%	103	70-130		05/05/21 15:26	

LABORATORY CONTROL SAMPLE & LCSD: 3253801

3253802

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	331	328	110	109	70-130	1	25	N2
Aliphatic (C09-C12)	ug/L	300	335	339	112	113	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	110	108	110	108	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				102	99	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536731

QC Batch: 618715

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92536731002

METHOD BLANK: 3255362

Matrix: Water

Associated Lab Samples: 92536731002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/06/21 13:32	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/06/21 13:32	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/06/21 13:32	N2
4-Bromofluorobenzene (FID) (S)	%	101	70-130		05/06/21 13:32	
4-Bromofluorobenzene (PID) (S)	%	104	70-130		05/06/21 13:32	

LABORATORY CONTROL SAMPLE & LCSD: 3255363

3255364

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	350	342	117	114	70-130	2	25	N2
Aliphatic (C09-C12)	ug/L	300	333	340	111	113	70-130	2	25	N2
Aromatic (C09-C10)	ug/L	100	108	111	108	111	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				103	107	70-130			
4-Bromofluorobenzene (PID) (S)	%				103	107	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536731

QC Batch: 618340

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92536731001

METHOD BLANK: 3253246

Matrix: Water

Associated Lab Samples: 92536731001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	05/07/21 09:51	

LABORATORY CONTROL SAMPLE: 3253247

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	477	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253248 3253249

Parameter	Units	92536726001 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	479	464	96	92	75-125	3	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536731

QC Batch: 618323

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92536731001, 92536731002, 92536731003

METHOD BLANK: 3253184

Matrix: Water

Associated Lab Samples: 92536731001, 92536731002, 92536731003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/05/21 11:52	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/05/21 11:52	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/05/21 11:52	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/05/21 11:52	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/05/21 11:52	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/05/21 11:52	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/05/21 11:52	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/05/21 11:52	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/05/21 11:52	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/05/21 11:52	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/05/21 11:52	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/05/21 11:52	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/05/21 11:52	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/05/21 11:52	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/05/21 11:52	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/05/21 11:52	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/05/21 11:52	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/05/21 11:52	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/05/21 11:52	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/05/21 11:52	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/05/21 11:52	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/05/21 11:52	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/05/21 11:52	
Benzene	ug/L	ND	0.50	0.34	05/05/21 11:52	
Bromobenzene	ug/L	ND	0.50	0.29	05/05/21 11:52	
Bromochloromethane	ug/L	ND	0.50	0.47	05/05/21 11:52	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/05/21 11:52	
Bromoform	ug/L	ND	0.50	0.34	05/05/21 11:52	
Bromomethane	ug/L	ND	5.0	1.7	05/05/21 11:52	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/05/21 11:52	
Chlorobenzene	ug/L	ND	0.50	0.28	05/05/21 11:52	
Chloroethane	ug/L	ND	1.0	0.65	05/05/21 11:52	
Chloroform	ug/L	ND	0.50	0.35	05/05/21 11:52	
Chloromethane	ug/L	ND	1.0	0.54	05/05/21 11:52	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/05/21 11:52	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/05/21 11:52	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/05/21 11:52	
Dibromomethane	ug/L	ND	0.50	0.39	05/05/21 11:52	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/05/21 11:52	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/05/21 11:52	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536731

METHOD BLANK: 3253184

Matrix: Water

Associated Lab Samples: 92536731001, 92536731002, 92536731003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/05/21 11:52	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/05/21 11:52	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/05/21 11:52	
m&p-Xylene	ug/L	ND	1.0	0.71	05/05/21 11:52	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/05/21 11:52	
Methylene Chloride	ug/L	ND	2.0	2.0	05/05/21 11:52	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/05/21 11:52	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/05/21 11:52	
Naphthalene	ug/L	ND	2.0	0.64	05/05/21 11:52	
o-Xylene	ug/L	ND	0.50	0.34	05/05/21 11:52	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/05/21 11:52	
Styrene	ug/L	ND	0.50	0.29	05/05/21 11:52	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/05/21 11:52	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/05/21 11:52	
Toluene	ug/L	ND	0.50	0.48	05/05/21 11:52	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/05/21 11:52	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/05/21 11:52	
Trichloroethene	ug/L	ND	0.50	0.38	05/05/21 11:52	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/05/21 11:52	
Vinyl chloride	ug/L	ND	1.0	0.39	05/05/21 11:52	
1,2-Dichloroethane-d4 (S)	%	104	70-130		05/05/21 11:52	
4-Bromofluorobenzene (S)	%	100	70-130		05/05/21 11:52	
Toluene-d8 (S)	%	98	70-130		05/05/21 11:52	

LABORATORY CONTROL SAMPLE: 3253185

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	50.0	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	50.1	100	60-140	
1,1,2-Trichloroethane	ug/L	50	49.8	100	60-140	
1,1-Dichloroethane	ug/L	50	55.6	111	60-140	
1,1-Dichloroethene	ug/L	50	57.4	115	60-140	
1,1-Dichloropropene	ug/L	50	53.6	107	60-140	
1,2,3-Trichlorobenzene	ug/L	50	43.8	88	60-140	
1,2,3-Trichloropropane	ug/L	50	48.7	97	60-140	
1,2,4-Trichlorobenzene	ug/L	50	45.3	91	60-140	
1,2,4-Trimethylbenzene	ug/L	50	49.9	100	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	51.3	103	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	51.9	104	60-140	
1,2-Dichlorobenzene	ug/L	50	45.2	90	60-140	
1,2-Dichloroethane	ug/L	50	43.5	87	60-140	
1,2-Dichloropropane	ug/L	50	52.7	105	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.1	98	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536731

LABORATORY CONTROL SAMPLE: 3253185

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	46.1	92	60-140	
1,3-Dichloropropane	ug/L	50	54.6	109	60-140	
1,4-Dichlorobenzene	ug/L	50	45.7	91	60-140	
2,2-Dichloropropane	ug/L	50	51.6	103	60-140	
2-Chlorotoluene	ug/L	50	50.9	102	60-140	
4-Chlorotoluene	ug/L	50	47.7	95	60-140	
Benzene	ug/L	50	52.3	105	60-140	
Bromobenzene	ug/L	50	48.3	97	60-140	
Bromochloromethane	ug/L	50	51.4	103	60-140	
Bromodichloromethane	ug/L	50	49.2	98	60-140	
Bromoform	ug/L	50	50.4	101	60-140	
Bromomethane	ug/L	50	41.6	83	60-140	
Carbon tetrachloride	ug/L	50	47.8	96	60-140	
Chlorobenzene	ug/L	50	49.7	99	60-140	
Chloroethane	ug/L	50	39.6	79	60-140	
Chloroform	ug/L	50	46.8	94	60-140	
Chloromethane	ug/L	50	64.1	128	60-140	
cis-1,2-Dichloroethene	ug/L	50	55.2	110	60-140	
cis-1,3-Dichloropropene	ug/L	50	53.6	107	60-140	
Dibromochloromethane	ug/L	50	54.2	108	60-140	
Dibromomethane	ug/L	50	44.9	90	60-140	
Dichlorodifluoromethane	ug/L	50	48.7	97	60-140	
Diisopropyl ether	ug/L	50	58.5	117	60-140	
Ethylbenzene	ug/L	50	49.6	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	47.4	95	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.4	97	60-140	
m&p-Xylene	ug/L	100	99.5	99	60-140	
Methyl-tert-butyl ether	ug/L	50	48.7	97	60-140	
Methylene Chloride	ug/L	50	55.1	110	60-140	
n-Butylbenzene	ug/L	50	48.7	97	60-140	
n-Propylbenzene	ug/L	50	49.6	99	60-140	
Naphthalene	ug/L	50	44.1	88	60-140	
o-Xylene	ug/L	50	48.3	97	60-140	
sec-Butylbenzene	ug/L	50	47.5	95	60-140	
Styrene	ug/L	50	50.7	101	60-140	
tert-Butylbenzene	ug/L	50	40.6	81	60-140	
Tetrachloroethene	ug/L	50	49.1	98	60-140	
Toluene	ug/L	50	49.2	98	60-140	
trans-1,2-Dichloroethene	ug/L	50	56.9	114	60-140	
trans-1,3-Dichloropropene	ug/L	50	51.6	103	60-140	
Trichloroethene	ug/L	50	47.6	95	60-140	
Trichlorofluoromethane	ug/L	50	37.3	75	60-140	
Vinyl chloride	ug/L	50	58.9	118	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536731

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253186				3253187								
		92536183003	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Parameter	Units	Result										
1,1,1,2-Tetrachloroethane	ug/L	ND	500	500	551	558	110	112	60-140	1	30	
1,1,1-Trichloroethane	ug/L	ND	500	500	592	613	118	123	60-140	3	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	500	500	577	551	115	110	60-140	5	30	
1,1,2-Trichloroethane	ug/L	ND	500	500	579	568	116	114	60-140	2	30	
1,1-Dichloroethane	ug/L	ND	500	500	672	674	134	135	60-140	0	30	
1,1-Dichloroethene	ug/L	ND	500	500	714	703	143	141	60-140	2	30	M1
1,1-Dichloropropene	ug/L	ND	500	500	649	645	130	129	60-140	1	30	
1,2,3-Trichlorobenzene	ug/L	ND	500	500	432	482	86	96	60-140	11	30	
1,2,3-Trichloropropane	ug/L	ND	500	500	557	539	111	108	60-140	3	30	
1,2,4-Trichlorobenzene	ug/L	ND	500	500	461	493	92	99	60-140	7	30	
1,2,4-Trimethylbenzene	ug/L	ND	500	500	558	568	112	114	60-140	2	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	500	500	510	534	102	107	60-140	5	30	
1,2-Dibromoethane (EDB)	ug/L	ND	500	500	603	605	121	121	60-140	0	30	
1,2-Dichlorobenzene	ug/L	ND	500	500	487	502	97	100	60-140	3	30	
1,2-Dichloroethane	ug/L	ND	500	500	510	520	102	104	60-140	2	30	
1,2-Dichloropropane	ug/L	ND	500	500	644	657	129	131	60-140	2	30	
1,3,5-Trimethylbenzene	ug/L	ND	500	500	563	571	113	114	60-140	1	30	
1,3-Dichlorobenzene	ug/L	ND	500	500	497	505	99	101	60-140	2	30	
1,3-Dichloropropane	ug/L	ND	500	500	648	644	130	129	60-140	1	30	
1,4-Dichlorobenzene	ug/L	ND	500	500	490	508	98	102	60-140	4	30	
2,2-Dichloropropane	ug/L	ND	500	500	513	528	103	106	60-140	3	30	
2-Chlorotoluene	ug/L	ND	500	500	564	576	113	115	60-140	2	30	
4-Chlorotoluene	ug/L	ND	500	500	538	546	108	109	60-140	2	30	
Benzene	ug/L	ND	500	500	622	617	124	123	60-140	1	30	
Bromobenzene	ug/L	ND	500	500	545	564	109	113	60-140	3	30	
Bromochloromethane	ug/L	ND	500	500	586	606	117	121	60-140	3	30	
Bromodichloromethane	ug/L	ND	500	500	567	567	113	113	60-140	0	30	
Bromoform	ug/L	ND	500	500	513	510	103	102	60-140	1	30	
Bromomethane	ug/L	ND	500	500	474	557	95	111	60-140	16	30	
Carbon tetrachloride	ug/L	ND	500	500	546	550	109	110	60-140	1	30	
Chlorobenzene	ug/L	ND	500	500	577	578	115	116	60-140	0	30	
Chloroethane	ug/L	ND	500	500	557	580	111	116	60-140	4	30	
Chloroform	ug/L	ND	500	500	542	550	108	110	60-140	1	30	
Chloromethane	ug/L	ND	500	500	709	694	142	139	60-140	2	30	M1
cis-1,2-Dichloroethene	ug/L	ND	500	500	659	681	132	136	60-140	3	30	
cis-1,3-Dichloropropene	ug/L	ND	500	500	554	582	111	116	60-140	5	30	
Dibromochloromethane	ug/L	ND	500	500	588	602	118	120	60-140	2	30	
Dibromomethane	ug/L	ND	500	500	533	528	107	106	60-140	1	30	
Dichlorodifluoromethane	ug/L	ND	500	500	555	546	111	109	60-140	2	30	
Diisopropyl ether	ug/L	99.9	500	500	789	808	138	142	60-140	2	30	M1
Ethylbenzene	ug/L	ND	500	500	583	580	117	116	60-140	1	30	
Hexachloro-1,3-butadiene	ug/L	ND	500	500	527	558	105	112	60-140	6	30	
Isopropylbenzene (Cumene)	ug/L	ND	500	500	569	557	114	111	60-140	2	30	
m&p-Xylene	ug/L	ND	1000	1000	1160	1150	116	115	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536731

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253186 3253187													
Parameter	Units	92536183003	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
Methyl-tert-butyl ether	ug/L	3400	500	500	4080	4070	137	135	60-140	0	30		
Methylene Chloride	ug/L	148	500	500	785	764	127	123	60-140	3	30		
n-Butylbenzene	ug/L	ND	500	500	543	557	109	111	60-140	3	30		
n-Propylbenzene	ug/L	ND	500	500	567	571	113	114	60-140	1	30		
Naphthalene	ug/L	ND	500	500	415	459	83	92	60-140	10	30		
o-Xylene	ug/L	ND	500	500	553	549	111	110	60-140	1	30		
sec-Butylbenzene	ug/L	ND	500	500	553	561	111	112	60-140	1	30		
Styrene	ug/L	ND	500	500	559	550	112	110	60-140	2	30		
tert-Butylbenzene	ug/L	ND	500	500	477	485	95	97	60-140	2	30		
Tetrachloroethene	ug/L	ND	500	500	574	570	115	114	60-140	1	30		
Toluene	ug/L	ND	500	500	548	574	110	115	60-140	5	30		
trans-1,2-Dichloroethene	ug/L	ND	500	500	685	690	137	138	60-140	1	30		
trans-1,3-Dichloropropene	ug/L	ND	500	500	538	543	108	109	60-140	1	30		
Trichloroethene	ug/L	ND	500	500	557	557	111	111	60-140	0	30		
Trichlorofluoromethane	ug/L	ND	500	500	518	525	104	105	60-140	1	30		
Vinyl chloride	ug/L	ND	500	500	709	692	142	138	60-140	3	30	M1	
1,2-Dichloroethane-d4 (S)	%						100	102	70-130				
4-Bromofluorobenzene (S)	%						99	96	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536731

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536731

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92536731001	MW-70	MADEP VPH	618417		
92536731002	FB-1-20210504	MADEP VPH	618715		
92536731001	MW-70	EPA 3010A	618340	EPA 6010D	618836
92536731001	MW-70	SM 6200B	618323		
92536731002	FB-1-20210504	SM 6200B	618323		
92536731003	Trip Blank	SM 6200B	618323		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☒ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

W0# : 92536731

Sample Condition Upon Receipt: **Client Name:** AECOM **Project #:** 92536731
Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client
☐ Commercial ☐ Pace ☐ Other:

Custody Seal Present? ☐ Yes ☒ No Seals Intact? ☐ Yes ☒ No
Date/Initials Person Examining Contents: 5/14/21 LL

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ None ☐ Other
Thermometer: 92T064 ☐ Wet ☐ Blue ☐ None
☒ IR Gun ID:

Cooler Temp: 3.1 Correction Factor: 3.1 Add/Subtract (°C) 0.0°C
Cooler Temp Corrected (°C): 3.1
Type of Ice:

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		

Field Data Required? ☐ Yes ☒ No

COMMENTS/SAMPLE DISCREPANCY

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#: 92536731

PM: NMG

Due Date: 05/07/21

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-)	WGFU-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)-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																7												
2																2												
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.

CHAIN-OF-CUSTODY / Analytical Request Document

Page: 1 Of 1

Section A		Section B		Section C		Page : 1 Of 1	
Required Client Information:		Required Project Information:		Invoice Information:			
Company:	AECOM	Report To:	Andrew Wrasching	Attention:			
Address:	6000 Fairview Road	Copy To:		Company Name:			
	Suite 200, Charlotte, NC 28226			Address:			
Email:		Purchase Order #:		Pace Quote:			
Phone:	(704)522-0330	Project Name:	CPC Huntersville	Pace Project Manager:	nicole.gastrowski@pacelabs.com,	State / Location	
Requested Due Date:		Project #:		Pace Profile #:	12518	NC	

[illegible]

May 07, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC Huntersville (5/4/21)
Pace Project No.: 92536738

Dear Andrew Wreschnig:

Enclosed are the analytical results for sample(s) received by the laboratory on May 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 - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,



Nicole Gasiorowski
nicole.gasiorowski@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: 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 (5/4/21)

Pace Project No.: 92536738

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536738

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92536738001	MW-66	Water	05/04/21 09:05	05/04/21 16:15
92536738002	MW-68	Water	05/04/21 10:10	05/04/21 16:15
92536738003	Trip Blank	Water	05/04/21 00:00	05/04/21 16:15

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536738

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92536738001	MW-66	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92536738002	MW-68	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92536738003	Trip Blank	SM 6200B	PM1	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536738

Sample: MW-66 Lab ID: 92536738001 Collected: 05/04/21 09:05 Received: 05/04/21 16:15 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		05/06/21 00:57		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/06/21 00:57		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/06/21 00:57		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/06/21 00:57		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/06/21 00:57		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		05/06/21 00:57	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		05/06/21 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	05/06/21 12:07	05/07/21 10:55	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/05/21 19:05	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/05/21 19:05	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/05/21 19:05	74-97-5	
Bromodichloromethane	1.0	ug/L	0.50	0.31	1		05/05/21 19:05	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/05/21 19:05	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/05/21 19:05	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/05/21 19:05	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/05/21 19:05	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/05/21 19:05	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/05/21 19:05	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/05/21 19:05	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/05/21 19:05	75-00-3	
Chloroform	4.0	ug/L	0.50	0.35	1		05/05/21 19:05	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/05/21 19:05	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 19:05	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 19:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/05/21 19:05	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/05/21 19:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/05/21 19:05	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/05/21 19:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 19:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 19:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/05/21 19:05	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/05/21 19:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/05/21 19:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 19:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/05/21 19:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 19:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/05/21 19:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/05/21 19:05	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536738

Sample: MW-66		Lab ID: 92536738001		Collected: 05/04/21 09:05		Received: 05/04/21 16:15		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/05/21 19:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/05/21 19:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/05/21 19:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 19:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 19:05	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/05/21 19:05	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/05/21 19:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/05/21 19:05	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/05/21 19:05	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/05/21 19:05	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/05/21 19:05	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/05/21 19:05	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/05/21 19:05	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/05/21 19:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/05/21 19:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/05/21 19:05	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/05/21 19:05	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/05/21 19:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/05/21 19:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/05/21 19:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/05/21 19:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 19:05	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 19:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/05/21 19:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/05/21 19:05	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/05/21 19:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/05/21 19:05	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/05/21 19:05	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/05/21 19:05	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/05/21 19:05	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		05/05/21 19:05	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		05/05/21 19:05	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/05/21 19:05	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536738

Sample: MW-68		Lab ID: 92536738002		Collected: 05/04/21 10:10		Received: 05/04/21 16:15		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		05/06/21 01:25		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/06/21 01:25		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/06/21 01:25		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/06/21 01:25		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/06/21 01:25		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		05/06/21 01:25	460-00-4	
4-Bromofluorobenzene (PID) (S)	100	%	70-130		1		05/06/21 01:25	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	05/06/21 12:07	05/07/21 10:58	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/05/21 12:41	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/05/21 12:41	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/05/21 12:41	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/05/21 12:41	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/05/21 12:41	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/05/21 12:41	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/05/21 12:41	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/05/21 12:41	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/05/21 12:41	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/05/21 12:41	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/05/21 12:41	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/05/21 12:41	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/05/21 12:41	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/05/21 12:41	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 12:41	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 12:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/05/21 12:41	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/05/21 12:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/05/21 12:41	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/05/21 12:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 12:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 12:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/05/21 12:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/05/21 12:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/05/21 12:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 12:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/05/21 12:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 12:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/05/21 12:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/05/21 12:41	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536738

Sample: MW-68		Lab ID: 92536738002		Collected: 05/04/21 10:10		Received: 05/04/21 16:15		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/05/21 12:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/05/21 12:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/05/21 12:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 12:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 12:41	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/05/21 12:41	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/05/21 12:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/05/21 12:41	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/05/21 12:41	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/05/21 12:41	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/05/21 12:41	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/05/21 12:41	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/05/21 12:41	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/05/21 12:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/05/21 12:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/05/21 12:41	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/05/21 12:41	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/05/21 12:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/05/21 12:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/05/21 12:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/05/21 12:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 12:41	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 12:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/05/21 12:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/05/21 12:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/05/21 12:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/05/21 12:41	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/05/21 12:41	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/05/21 12:41	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/05/21 12:41	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		05/05/21 12:41	17060-07-0	
4-Bromofluorobenzene (S)	100	%	70-130		1		05/05/21 12:41	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		05/05/21 12:41	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536738

Sample: Trip Blank		Lab ID: 92536738003		Collected: 05/04/21 00:00		Received: 05/04/21 16:15		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		05/05/21 11:30	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/05/21 11:30	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/05/21 11:30	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/05/21 11:30	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/05/21 11:30	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/05/21 11:30	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/05/21 11:30	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/05/21 11:30	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/05/21 11:30	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/05/21 11:30	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/05/21 11:30	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/05/21 11:30	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/05/21 11:30	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/05/21 11:30	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 11:30	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 11:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/05/21 11:30	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/05/21 11:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/05/21 11:30	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/05/21 11:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 11:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 11:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/05/21 11:30	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/05/21 11:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/05/21 11:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 11:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/05/21 11:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 11:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/05/21 11:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/05/21 11:30	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/05/21 11:30	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/05/21 11:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/05/21 11:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 11:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 11:30	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/05/21 11:30	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/05/21 11:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/05/21 11:30	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/05/21 11:30	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/05/21 11:30	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/05/21 11:30	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/05/21 11:30	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/05/21 11:30	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/05/21 11:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/05/21 11:30	630-20-6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536738

Sample: Trip Blank		Lab ID: 92536738003		Collected: 05/04/21 00:00		Received: 05/04/21 16:15		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		05/05/21 11:30	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/05/21 11:30	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/05/21 11:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/05/21 11:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/05/21 11:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/05/21 11:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 11:30	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 11:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/05/21 11:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/05/21 11:30	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/05/21 11:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/05/21 11:30	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/05/21 11:30	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/05/21 11:30	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/05/21 11:30	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		05/05/21 11:30	17060-07-0	
4-Bromofluorobenzene (S)	102	%	70-130		1		05/05/21 11:30	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/05/21 11:30	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536738

QC Batch: 618417

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92536738001, 92536738002

METHOD BLANK: 3253800

Matrix: Water

Associated Lab Samples: 92536738001, 92536738002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/05/21 15:26	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/05/21 15:26	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/05/21 15:26	N2
4-Bromofluorobenzene (FID) (S)	%	101	70-130		05/05/21 15:26	
4-Bromofluorobenzene (PID) (S)	%	103	70-130		05/05/21 15:26	

LABORATORY CONTROL SAMPLE & LCSD: 3253801

3253802

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	331	328	110	109	70-130	1	25	N2
Aliphatic (C09-C12)	ug/L	300	335	339	112	113	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	110	108	110	108	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				102	99	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536738

QC Batch: 618340

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92536738001, 92536738002

METHOD BLANK: 3253246

Matrix: Water

Associated Lab Samples: 92536738001, 92536738002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	05/07/21 09:51	

LABORATORY CONTROL SAMPLE: 3253247

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	477	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253248 3253249

Parameter	Units	92536726001 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	479	464	96	92	75-125	3	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)
Pace Project No.: 92536738

QC Batch:	618323	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92536738001

METHOD BLANK: 3253184 Matrix: Water

Associated Lab Samples: 92536738001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/05/21 11:52	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/05/21 11:52	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/05/21 11:52	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/05/21 11:52	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/05/21 11:52	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/05/21 11:52	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/05/21 11:52	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/05/21 11:52	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/05/21 11:52	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/05/21 11:52	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/05/21 11:52	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/05/21 11:52	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/05/21 11:52	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/05/21 11:52	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/05/21 11:52	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/05/21 11:52	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/05/21 11:52	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/05/21 11:52	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/05/21 11:52	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/05/21 11:52	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/05/21 11:52	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/05/21 11:52	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/05/21 11:52	
Benzene	ug/L	ND	0.50	0.34	05/05/21 11:52	
Bromobenzene	ug/L	ND	0.50	0.29	05/05/21 11:52	
Bromochloromethane	ug/L	ND	0.50	0.47	05/05/21 11:52	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/05/21 11:52	
Bromoform	ug/L	ND	0.50	0.34	05/05/21 11:52	
Bromomethane	ug/L	ND	5.0	1.7	05/05/21 11:52	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/05/21 11:52	
Chlorobenzene	ug/L	ND	0.50	0.28	05/05/21 11:52	
Chloroethane	ug/L	ND	1.0	0.65	05/05/21 11:52	
Chloroform	ug/L	ND	0.50	0.35	05/05/21 11:52	
Chloromethane	ug/L	ND	1.0	0.54	05/05/21 11:52	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/05/21 11:52	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/05/21 11:52	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/05/21 11:52	
Dibromomethane	ug/L	ND	0.50	0.39	05/05/21 11:52	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/05/21 11:52	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/05/21 11:52	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536738

METHOD BLANK: 3253184

Matrix: Water

Associated Lab Samples: 92536738001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/05/21 11:52	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/05/21 11:52	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/05/21 11:52	
m&p-Xylene	ug/L	ND	1.0	0.71	05/05/21 11:52	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/05/21 11:52	
Methylene Chloride	ug/L	ND	2.0	2.0	05/05/21 11:52	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/05/21 11:52	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/05/21 11:52	
Naphthalene	ug/L	ND	2.0	0.64	05/05/21 11:52	
o-Xylene	ug/L	ND	0.50	0.34	05/05/21 11:52	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/05/21 11:52	
Styrene	ug/L	ND	0.50	0.29	05/05/21 11:52	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/05/21 11:52	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/05/21 11:52	
Toluene	ug/L	ND	0.50	0.48	05/05/21 11:52	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/05/21 11:52	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/05/21 11:52	
Trichloroethene	ug/L	ND	0.50	0.38	05/05/21 11:52	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/05/21 11:52	
Vinyl chloride	ug/L	ND	1.0	0.39	05/05/21 11:52	
1,2-Dichloroethane-d4 (S)	%	104	70-130		05/05/21 11:52	
4-Bromofluorobenzene (S)	%	100	70-130		05/05/21 11:52	
Toluene-d8 (S)	%	98	70-130		05/05/21 11:52	

LABORATORY CONTROL SAMPLE: 3253185

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	50.0	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	50.1	100	60-140	
1,1,2-Trichloroethane	ug/L	50	49.8	100	60-140	
1,1-Dichloroethane	ug/L	50	55.6	111	60-140	
1,1-Dichloroethene	ug/L	50	57.4	115	60-140	
1,1-Dichloropropene	ug/L	50	53.6	107	60-140	
1,2,3-Trichlorobenzene	ug/L	50	43.8	88	60-140	
1,2,3-Trichloropropane	ug/L	50	48.7	97	60-140	
1,2,4-Trichlorobenzene	ug/L	50	45.3	91	60-140	
1,2,4-Trimethylbenzene	ug/L	50	49.9	100	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	51.3	103	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	51.9	104	60-140	
1,2-Dichlorobenzene	ug/L	50	45.2	90	60-140	
1,2-Dichloroethane	ug/L	50	43.5	87	60-140	
1,2-Dichloropropane	ug/L	50	52.7	105	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.1	98	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536738

LABORATORY CONTROL SAMPLE: 3253185

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	46.1	92	60-140	
1,3-Dichloropropane	ug/L	50	54.6	109	60-140	
1,4-Dichlorobenzene	ug/L	50	45.7	91	60-140	
2,2-Dichloropropane	ug/L	50	51.6	103	60-140	
2-Chlorotoluene	ug/L	50	50.9	102	60-140	
4-Chlorotoluene	ug/L	50	47.7	95	60-140	
Benzene	ug/L	50	52.3	105	60-140	
Bromobenzene	ug/L	50	48.3	97	60-140	
Bromochloromethane	ug/L	50	51.4	103	60-140	
Bromodichloromethane	ug/L	50	49.2	98	60-140	
Bromoform	ug/L	50	50.4	101	60-140	
Bromomethane	ug/L	50	41.6	83	60-140	
Carbon tetrachloride	ug/L	50	47.8	96	60-140	
Chlorobenzene	ug/L	50	49.7	99	60-140	
Chloroethane	ug/L	50	39.6	79	60-140	
Chloroform	ug/L	50	46.8	94	60-140	
Chloromethane	ug/L	50	64.1	128	60-140	
cis-1,2-Dichloroethene	ug/L	50	55.2	110	60-140	
cis-1,3-Dichloropropene	ug/L	50	53.6	107	60-140	
Dibromochloromethane	ug/L	50	54.2	108	60-140	
Dibromomethane	ug/L	50	44.9	90	60-140	
Dichlorodifluoromethane	ug/L	50	48.7	97	60-140	
Diisopropyl ether	ug/L	50	58.5	117	60-140	
Ethylbenzene	ug/L	50	49.6	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	47.4	95	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.4	97	60-140	
m&p-Xylene	ug/L	100	99.5	99	60-140	
Methyl-tert-butyl ether	ug/L	50	48.7	97	60-140	
Methylene Chloride	ug/L	50	55.1	110	60-140	
n-Butylbenzene	ug/L	50	48.7	97	60-140	
n-Propylbenzene	ug/L	50	49.6	99	60-140	
Naphthalene	ug/L	50	44.1	88	60-140	
o-Xylene	ug/L	50	48.3	97	60-140	
sec-Butylbenzene	ug/L	50	47.5	95	60-140	
Styrene	ug/L	50	50.7	101	60-140	
tert-Butylbenzene	ug/L	50	40.6	81	60-140	
Tetrachloroethene	ug/L	50	49.1	98	60-140	
Toluene	ug/L	50	49.2	98	60-140	
trans-1,2-Dichloroethene	ug/L	50	56.9	114	60-140	
trans-1,3-Dichloropropene	ug/L	50	51.6	103	60-140	
Trichloroethene	ug/L	50	47.6	95	60-140	
Trichlorofluoromethane	ug/L	50	37.3	75	60-140	
Vinyl chloride	ug/L	50	58.9	118	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536738

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253186 3253187											
Parameter	Units	92536183003 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	500	500	551	558	110	112	60-140	1	30
1,1,1-Trichloroethane	ug/L	ND	500	500	592	613	118	123	60-140	3	30
1,1,2,2-Tetrachloroethane	ug/L	ND	500	500	577	551	115	110	60-140	5	30
1,1,2-Trichloroethane	ug/L	ND	500	500	579	568	116	114	60-140	2	30
1,1-Dichloroethane	ug/L	ND	500	500	672	674	134	135	60-140	0	30
1,1-Dichloroethene	ug/L	ND	500	500	714	703	143	141	60-140	2	30 M1
1,1-Dichloropropene	ug/L	ND	500	500	649	645	130	129	60-140	1	30
1,2,3-Trichlorobenzene	ug/L	ND	500	500	432	482	86	96	60-140	11	30
1,2,3-Trichloropropane	ug/L	ND	500	500	557	539	111	108	60-140	3	30
1,2,4-Trichlorobenzene	ug/L	ND	500	500	461	493	92	99	60-140	7	30
1,2,4-Trimethylbenzene	ug/L	ND	500	500	558	568	112	114	60-140	2	30
1,2-Dibromo-3-chloropropane	ug/L	ND	500	500	510	534	102	107	60-140	5	30
1,2-Dibromoethane (EDB)	ug/L	ND	500	500	603	605	121	121	60-140	0	30
1,2-Dichlorobenzene	ug/L	ND	500	500	487	502	97	100	60-140	3	30
1,2-Dichloroethane	ug/L	ND	500	500	510	520	102	104	60-140	2	30
1,2-Dichloropropane	ug/L	ND	500	500	644	657	129	131	60-140	2	30
1,3,5-Trimethylbenzene	ug/L	ND	500	500	563	571	113	114	60-140	1	30
1,3-Dichlorobenzene	ug/L	ND	500	500	497	505	99	101	60-140	2	30
1,3-Dichloropropane	ug/L	ND	500	500	648	644	130	129	60-140	1	30
1,4-Dichlorobenzene	ug/L	ND	500	500	490	508	98	102	60-140	4	30
2,2-Dichloropropane	ug/L	ND	500	500	513	528	103	106	60-140	3	30
2-Chlorotoluene	ug/L	ND	500	500	564	576	113	115	60-140	2	30
4-Chlorotoluene	ug/L	ND	500	500	538	546	108	109	60-140	2	30
Benzene	ug/L	ND	500	500	622	617	124	123	60-140	1	30
Bromobenzene	ug/L	ND	500	500	545	564	109	113	60-140	3	30
Bromochloromethane	ug/L	ND	500	500	586	606	117	121	60-140	3	30
Bromodichloromethane	ug/L	ND	500	500	567	567	113	113	60-140	0	30
Bromoform	ug/L	ND	500	500	513	510	103	102	60-140	1	30
Bromomethane	ug/L	ND	500	500	474	557	95	111	60-140	16	30
Carbon tetrachloride	ug/L	ND	500	500	546	550	109	110	60-140	1	30
Chlorobenzene	ug/L	ND	500	500	577	578	115	116	60-140	0	30
Chloroethane	ug/L	ND	500	500	557	580	111	116	60-140	4	30
Chloroform	ug/L	ND	500	500	542	550	108	110	60-140	1	30
Chloromethane	ug/L	ND	500	500	709	694	142	139	60-140	2	30 M1
cis-1,2-Dichloroethene	ug/L	ND	500	500	659	681	132	136	60-140	3	30
cis-1,3-Dichloropropene	ug/L	ND	500	500	554	582	111	116	60-140	5	30
Dibromochloromethane	ug/L	ND	500	500	588	602	118	120	60-140	2	30
Dibromomethane	ug/L	ND	500	500	533	528	107	106	60-140	1	30
Dichlorodifluoromethane	ug/L	ND	500	500	555	546	111	109	60-140	2	30
Diisopropyl ether	ug/L	99.9	500	500	789	808	138	142	60-140	2	30 M1
Ethylbenzene	ug/L	ND	500	500	583	580	117	116	60-140	1	30
Hexachloro-1,3-butadiene	ug/L	ND	500	500	527	558	105	112	60-140	6	30
Isopropylbenzene (Cumene)	ug/L	ND	500	500	569	557	114	111	60-140	2	30
m&p-Xylene	ug/L	ND	1000	1000	1160	1150	116	115	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536738

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253186 3253187													
Parameter	Units	92536183003	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
Methyl-tert-butyl ether	ug/L	3400	500	500	4080	4070	137	135	60-140	0	30		
Methylene Chloride	ug/L	148	500	500	785	764	127	123	60-140	3	30		
n-Butylbenzene	ug/L	ND	500	500	543	557	109	111	60-140	3	30		
n-Propylbenzene	ug/L	ND	500	500	567	571	113	114	60-140	1	30		
Naphthalene	ug/L	ND	500	500	415	459	83	92	60-140	10	30		
o-Xylene	ug/L	ND	500	500	553	549	111	110	60-140	1	30		
sec-Butylbenzene	ug/L	ND	500	500	553	561	111	112	60-140	1	30		
Styrene	ug/L	ND	500	500	559	550	112	110	60-140	2	30		
tert-Butylbenzene	ug/L	ND	500	500	477	485	95	97	60-140	2	30		
Tetrachloroethene	ug/L	ND	500	500	574	570	115	114	60-140	1	30		
Toluene	ug/L	ND	500	500	548	574	110	115	60-140	5	30		
trans-1,2-Dichloroethene	ug/L	ND	500	500	685	690	137	138	60-140	1	30		
trans-1,3-Dichloropropene	ug/L	ND	500	500	538	543	108	109	60-140	1	30		
Trichloroethene	ug/L	ND	500	500	557	557	111	111	60-140	0	30		
Trichlorofluoromethane	ug/L	ND	500	500	518	525	104	105	60-140	1	30		
Vinyl chloride	ug/L	ND	500	500	709	692	142	138	60-140	3	30	M1	
1,2-Dichloroethane-d4 (S)	%						100	102	70-130				
4-Bromofluorobenzene (S)	%						99	96	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536738

QC Batch: 618326

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92536738002, 92536738003

METHOD BLANK: 3253193

Matrix: Water

Associated Lab Samples: 92536738002, 92536738003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/05/21 11:12	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/05/21 11:12	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/05/21 11:12	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/05/21 11:12	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/05/21 11:12	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/05/21 11:12	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/05/21 11:12	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/05/21 11:12	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/05/21 11:12	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/05/21 11:12	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/05/21 11:12	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/05/21 11:12	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/05/21 11:12	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/05/21 11:12	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/05/21 11:12	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/05/21 11:12	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/05/21 11:12	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/05/21 11:12	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/05/21 11:12	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/05/21 11:12	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/05/21 11:12	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/05/21 11:12	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/05/21 11:12	
Benzene	ug/L	ND	0.50	0.34	05/05/21 11:12	
Bromobenzene	ug/L	ND	0.50	0.29	05/05/21 11:12	
Bromochloromethane	ug/L	ND	0.50	0.47	05/05/21 11:12	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/05/21 11:12	
Bromoform	ug/L	ND	0.50	0.34	05/05/21 11:12	
Bromomethane	ug/L	ND	5.0	1.7	05/05/21 11:12	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/05/21 11:12	
Chlorobenzene	ug/L	ND	0.50	0.28	05/05/21 11:12	
Chloroethane	ug/L	ND	1.0	0.65	05/05/21 11:12	
Chloroform	ug/L	ND	0.50	0.35	05/05/21 11:12	
Chloromethane	ug/L	ND	1.0	0.54	05/05/21 11:12	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/05/21 11:12	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/05/21 11:12	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/05/21 11:12	
Dibromomethane	ug/L	ND	0.50	0.39	05/05/21 11:12	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/05/21 11:12	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/05/21 11:12	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536738

METHOD BLANK: 3253193

Matrix: Water

Associated Lab Samples: 92536738002, 92536738003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/05/21 11:12	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/05/21 11:12	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/05/21 11:12	
m&p-Xylene	ug/L	ND	1.0	0.71	05/05/21 11:12	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/05/21 11:12	
Methylene Chloride	ug/L	ND	2.0	2.0	05/05/21 11:12	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/05/21 11:12	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/05/21 11:12	
Naphthalene	ug/L	ND	2.0	0.64	05/05/21 11:12	
o-Xylene	ug/L	ND	0.50	0.34	05/05/21 11:12	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/05/21 11:12	
Styrene	ug/L	ND	0.50	0.29	05/05/21 11:12	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/05/21 11:12	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/05/21 11:12	
Toluene	ug/L	ND	0.50	0.48	05/05/21 11:12	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/05/21 11:12	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/05/21 11:12	
Trichloroethene	ug/L	ND	0.50	0.38	05/05/21 11:12	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/05/21 11:12	
Vinyl chloride	ug/L	ND	1.0	0.39	05/05/21 11:12	
1,2-Dichloroethane-d4 (S)	%	94	70-130		05/05/21 11:12	
4-Bromofluorobenzene (S)	%	103	70-130		05/05/21 11:12	
Toluene-d8 (S)	%	99	70-130		05/05/21 11:12	

LABORATORY CONTROL SAMPLE: 3253194

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	44.7	89	60-140	
1,1,1-Trichloroethane	ug/L	50	43.4	87	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	44.0	88	60-140	
1,1,2-Trichloroethane	ug/L	50	45.9	92	60-140	
1,1-Dichloroethane	ug/L	50	42.3	85	60-140	
1,1-Dichloroethene	ug/L	50	43.9	88	60-140	
1,1-Dichloropropene	ug/L	50	45.0	90	60-140	
1,2,3-Trichlorobenzene	ug/L	50	44.9	90	60-140	
1,2,3-Trichloropropane	ug/L	50	43.5	87	60-140	
1,2,4-Trichlorobenzene	ug/L	50	45.9	92	60-140	
1,2,4-Trimethylbenzene	ug/L	50	43.0	86	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	44.7	89	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	46.7	93	60-140	
1,2-Dichlorobenzene	ug/L	50	44.6	89	60-140	
1,2-Dichloroethane	ug/L	50	43.1	86	60-140	
1,2-Dichloropropane	ug/L	50	45.1	90	60-140	
1,3,5-Trimethylbenzene	ug/L	50	44.0	88	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536738

LABORATORY CONTROL SAMPLE: 3253194

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	45.1	90	60-140	
1,3-Dichloropropane	ug/L	50	45.6	91	60-140	
1,4-Dichlorobenzene	ug/L	50	44.5	89	60-140	
2,2-Dichloropropane	ug/L	50	40.7	81	60-140	
2-Chlorotoluene	ug/L	50	43.8	88	60-140	
4-Chlorotoluene	ug/L	50	42.0	84	60-140	
Benzene	ug/L	50	44.8	90	60-140	
Bromobenzene	ug/L	50	44.6	89	60-140	
Bromochloromethane	ug/L	50	44.7	89	60-140	
Bromodichloromethane	ug/L	50	42.5	85	60-140	
Bromoform	ug/L	50	44.6	89	60-140	
Bromomethane	ug/L	50	52.4	105	60-140	
Carbon tetrachloride	ug/L	50	46.3	93	60-140	
Chlorobenzene	ug/L	50	46.2	92	60-140	
Chloroethane	ug/L	50	39.4	79	60-140	
Chloroform	ug/L	50	42.9	86	60-140	
Chloromethane	ug/L	50	42.1	84	60-140	
cis-1,2-Dichloroethene	ug/L	50	43.5	87	60-140	
cis-1,3-Dichloropropene	ug/L	50	43.7	87	60-140	
Dibromochloromethane	ug/L	50	46.1	92	60-140	
Dibromomethane	ug/L	50	45.3	91	60-140	
Dichlorodifluoromethane	ug/L	50	49.3	99	60-140	
Diisopropyl ether	ug/L	50	38.3	77	60-140	
Ethylbenzene	ug/L	50	44.1	88	60-140	
Hexachloro-1,3-butadiene	ug/L	50	47.6	95	60-140	
Isopropylbenzene (Cumene)	ug/L	50	45.4	91	60-140	
m&p-Xylene	ug/L	100	89.1	89	60-140	
Methyl-tert-butyl ether	ug/L	50	44.9	90	60-140	
Methylene Chloride	ug/L	50	41.2	82	60-140	
n-Butylbenzene	ug/L	50	42.7	85	60-140	
n-Propylbenzene	ug/L	50	43.1	86	60-140	
Naphthalene	ug/L	50	44.8	90	60-140	
o-Xylene	ug/L	50	43.3	87	60-140	
sec-Butylbenzene	ug/L	50	42.8	86	60-140	
Styrene	ug/L	50	45.7	91	60-140	
tert-Butylbenzene	ug/L	50	36.5	73	60-140	
Tetrachloroethene	ug/L	50	47.8	96	60-140	
Toluene	ug/L	50	43.4	87	60-140	
trans-1,2-Dichloroethene	ug/L	50	43.5	87	60-140	
trans-1,3-Dichloropropene	ug/L	50	41.4	83	60-140	
Trichloroethene	ug/L	50	47.1	94	60-140	
Trichlorofluoromethane	ug/L	50	43.3	87	60-140	
Vinyl chloride	ug/L	50	44.8	90	60-140	
1,2-Dichloroethane-d4 (S)	%			93	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536738

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253195 3253196											
Parameter	Units	92536363001 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	<200	8000	8000	9180	10600	115	132	60-140	14	30
1,1,1-Trichloroethane	ug/L	<200	8000	8000	9740	10600	122	132	60-140	8	30
1,1,2,2-Tetrachloroethane	ug/L	<200	8000	8000	9260	10300	116	129	60-140	11	30
1,1,2-Trichloroethane	ug/L	<200	8000	8000	9920	11400	124	142	60-140	14	30 M1
1,1-Dichloroethane	ug/L	<200	8000	8000	9600	10600	120	132	60-140	10	30
1,1-Dichloroethene	ug/L	<200	8000	8000	10400	11300	130	142	60-140	9	30 M1
1,1-Dichloropropene	ug/L	<200	8000	8000	10100	11200	127	140	60-140	10	30
1,2,3-Trichlorobenzene	ug/L	<800	8000	8000	8220	9760	103	122	60-140	17	30
1,2,3-Trichloropropane	ug/L	<200	8000	8000	9560	10500	119	132	60-140	10	30
1,2,4-Trichlorobenzene	ug/L	<800	8000	8000	8480	10100	106	126	60-140	17	30
1,2,4-Trimethylbenzene	ug/L	641	8000	8000	9080	10200	106	119	60-140	11	30
1,2-Dibromo-3-chloropropane	ug/L	<400	8000	8000	8590	9700	107	121	60-140	12	30
1,2-Dibromoethane (EDB)	ug/L	<200	8000	8000	10100	11100	126	139	60-140	9	30
1,2-Dichlorobenzene	ug/L	<200	8000	8000	8810	9820	110	123	60-140	11	30
1,2-Dichloroethane	ug/L	<200	8000	8000	9770	10900	122	136	60-140	11	30
1,2-Dichloropropane	ug/L	<200	8000	8000	10200	11300	128	141	60-140	9	30 M1
1,3,5-Trimethylbenzene	ug/L	393	8000	8000	9080	10100	109	122	60-140	11	30
1,3-Dichlorobenzene	ug/L	<200	8000	8000	8960	9920	112	124	60-140	10	30
1,3-Dichloropropane	ug/L	<200	8000	8000	9980	11000	125	138	60-140	10	30
1,4-Dichlorobenzene	ug/L	<200	8000	8000	8730	9780	109	122	60-140	11	30
2,2-Dichloropropane	ug/L	<200	8000	8000	8920	9900	112	124	60-140	10	30
2-Chlorotoluene	ug/L	<200	8000	8000	8830	9790	110	122	60-140	10	30
4-Chlorotoluene	ug/L	<200	8000	8000	8290	9440	104	118	60-140	13	30
Benzene	ug/L	<200	8000	8000	10000	11400	125	143	60-140	13	30 M1
Bromobenzene	ug/L	<200	8000	8000	9330	10200	117	128	60-140	9	30
Bromochloromethane	ug/L	<200	8000	8000	10200	11300	127	141	60-140	10	30 M1
Bromodichloromethane	ug/L	<200	8000	8000	9100	10500	114	132	60-140	15	30
Bromoform	ug/L	<200	8000	8000	8810	10000	110	125	60-140	13	30
Bromomethane	ug/L	<2000	8000	8000	8210	10700	103	134	60-140	27	30
Carbon tetrachloride	ug/L	<200	8000	8000	10300	11600	129	145	60-140	12	30 M1
Chlorobenzene	ug/L	<200	8000	8000	9820	10900	123	136	60-140	10	30
Chloroethane	ug/L	<400	8000	8000	10400	10800	130	135	60-140	4	30
Chloroform	ug/L	<200	8000	8000	9700	10500	121	132	60-140	8	30
Chloromethane	ug/L	<400	8000	8000	8120	9330	102	117	60-140	14	30
cis-1,2-Dichloroethene	ug/L	<200	8000	8000	9820	10500	123	132	60-140	7	30
cis-1,3-Dichloropropene	ug/L	<200	8000	8000	9200	10600	115	132	60-140	14	30
Dibromochloromethane	ug/L	<200	8000	8000	9560	10600	120	132	60-140	10	30
Dibromomethane	ug/L	<200	8000	8000	9890	11400	124	142	60-140	14	30 M1
Dichlorodifluoromethane	ug/L	<200	8000	8000	11400	12400	143	154	60-140	8	30 M1
Diisopropyl ether	ug/L	<200	8000	8000	8410	9270	105	116	60-140	10	30
Ethylbenzene	ug/L	530	8000	8000	10100	11100	120	132	60-140	9	30
Hexachloro-1,3-butadiene	ug/L	<800	8000	8000	9260	10600	116	132	60-140	13	30
Isopropylbenzene (Cumene)	ug/L	<200	8000	8000	9350	10500	117	131	60-140	12	30
m&p-Xylene	ug/L	721	16000	16000	19400	21600	117	130	60-140	11	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536738

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253195 3253196											
Parameter	Units	92536363001		MS	MSD	MS		MS	MSD	% Rec	Max
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	RPD
Methyl-tert-butyl ether	ug/L	46600	8000	8000	8000	59300	60100	159	169	60-140	1 30 M1
Methylene Chloride	ug/L	<800	8000	8000	8000	9830	10400	123	130	60-140	5 30
n-Butylbenzene	ug/L	<200	8000	8000	8000	8260	9380	103	117	60-140	13 30
n-Propylbenzene	ug/L	<200	8000	8000	8000	8700	9730	109	122	60-140	11 30
Naphthalene	ug/L	<800	8000	8000	8000	8460	9910	101	119	60-140	16 30
o-Xylene	ug/L	1500	8000	8000	8000	11100	12000	120	131	60-140	8 30
sec-Butylbenzene	ug/L	<200	8000	8000	8000	8500	9450	106	118	60-140	11 30
Styrene	ug/L	<200	8000	8000	8000	9840	10800	123	135	60-140	9 30
tert-Butylbenzene	ug/L	<200	8000	8000	8000	7410	8310	93	104	60-140	11 30
Tetrachloroethene	ug/L	<200	8000	8000	8000	9420	10700	118	134	60-140	13 30
Toluene	ug/L	247	8000	8000	8000	9590	10800	117	132	60-140	12 30
trans-1,2-Dichloroethene	ug/L	<200	8000	8000	8000	9940	10900	124	136	60-140	9 30
trans-1,3-Dichloropropene	ug/L	<200	8000	8000	8000	8830	10100	110	127	60-140	14 30
Trichloroethene	ug/L	<200	8000	8000	8000	10200	11700	127	146	60-140	14 30 M1
Trichlorofluoromethane	ug/L	<400	8000	8000	8000	10500	11200	131	140	60-140	6 30
Vinyl chloride	ug/L	<400	8000	8000	8000	10200	11200	127	140	60-140	10 30
1,2-Dichloroethane-d4 (S)	%							92	94	70-130	
4-Bromofluorobenzene (S)	%							102	98	70-130	
Toluene-d8 (S)	%							99	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536738

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536738

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92536738001	MW-66	MADEP VPH	618417		
92536738002	MW-68	MADEP VPH	618417		
92536738001	MW-66	EPA 3010A	618340	EPA 6010D	618836
92536738002	MW-68	EPA 3010A	618340	EPA 6010D	618836
92536738001	MW-66	SM 6200B	618323		
92536738002	MW-68	SM 6200B	618326		
92536738003	Trip Blank	SM 6200B	618326		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☒ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition
Upon Receipt

Client Name:
AECOM

Project # **WO# : 92536738**



Courier: ☐ FedEx ☐ UPS ☐ USPS ☒ Client
☐ Commercial ☐ Pace ☐ Other:

Custody Seal Present? ☐ Yes ☒ No Seals Intact? ☐ Yes ☒ No

Date/Initials Person Examining Contents: **5/14/21 LL**

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ None ☐ Other
Thermometer: **92T064**
☒ IR Gun ID: Type of Ice: ☒ Wet ☐ Blue ☐ None

Biological Tissue Frozen?
☐ Yes ☐ No ☒ N/A

Cooler Temp: **3.1** Correction Factor: **3.1**
Add/Subtract (°C) **0.0°C**

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: WIP			
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		

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY

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# : 92536738**

PM: NMG

Due Date: 05/07/21

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-)	WGFU-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)-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																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.

CHAIN-OF-CUSTODY / Analytical Request Document
The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed

[illegible][illegible]

May 14, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC Huntersville (5/5/21)-Revised Report
Pace Project No.: 92537158

Dear Andrew Wreschnig:

Enclosed are the analytical results for sample(s) received by the laboratory on May 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 Analytical Services - Asheville
- Pace Analytical Services - Charlotte

This revision was issued on 5/14/21 to update the reporting properties, per client request.

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

Sincerely,



Nicole Gasiorowski
nicole.gasiorowski@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: 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 (5/5/21)-Revised Report

Pace Project No.: 92537158

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: CPC Huntersville (5/5/21)-Revised Report

Pace Project No.: 92537158

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92537158001	MW-13	Water	05/05/21 14:50	05/05/21 17:05
92537158002	MW-60	Water	05/05/21 10:00	05/05/21 17:05
92537158003	FB-1-20210505	Water	05/05/21 15:50	05/05/21 17:05
92537158004	Trip Blank	Water	05/05/21 00:00	05/05/21 17:05

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: CPC Huntersville (5/5/21)-Revised Report

Pace Project No.: 92537158

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92537158001	MW-13	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92537158002	MW-60	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92537158003	FB-1-20210505	MADEP VPH	LMB	7	PASI-C
		SM 6200B	PM1	63	PASI-C
92537158004	Trip Blank	SM 6200B	PM1	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/5/21)-Revised Report

Pace Project No.: 92537158

Sample: MW-13		Lab ID: 92537158001		Collected: 05/05/21 14:50		Received: 05/05/21 17:05		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		05/07/21 15:09		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/07/21 15:09		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/07/21 15:09		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/07/21 15:09		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/07/21 15:09		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		05/07/21 15:09	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		05/07/21 15:09	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	05/10/21 08:20	05/11/21 01:07	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	0.65	ug/L	0.50	0.34	1		05/07/21 05:05	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/07/21 05:05	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/07/21 05:05	74-97-5	
Bromodichloromethane	0.37J	ug/L	0.50	0.31	1		05/07/21 05:05	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/07/21 05:05	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/07/21 05:05	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/07/21 05:05	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/07/21 05:05	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/07/21 05:05	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/07/21 05:05	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/07/21 05:05	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/07/21 05:05	75-00-3	
Chloroform	3.7	ug/L	0.50	0.35	1		05/07/21 05:05	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/07/21 05:05	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 05:05	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 05:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/07/21 05:05	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/07/21 05:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/07/21 05:05	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/07/21 05:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 05:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 05:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/07/21 05:05	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/07/21 05:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/07/21 05:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 05:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/07/21 05:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 05:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/07/21 05:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/07/21 05:05	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/5/21)-Revised Report

Pace Project No.: 92537158

Sample: MW-13		Lab ID: 92537158001		Collected: 05/05/21 14:50		Received: 05/05/21 17:05		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/07/21 05:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/07/21 05:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/07/21 05:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 05:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 05:05	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/07/21 05:05	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/07/21 05:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/07/21 05:05	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/07/21 05:05	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/07/21 05:05	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/07/21 05:05	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/07/21 05:05	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/07/21 05:05	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/07/21 05:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/07/21 05:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/07/21 05:05	79-34-5	
Tetrachloroethene	0.94	ug/L	0.50	0.29	1		05/07/21 05:05	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/07/21 05:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/07/21 05:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/07/21 05:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/07/21 05:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 05:05	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 05:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/07/21 05:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/07/21 05:05	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/07/21 05:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/07/21 05:05	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/07/21 05:05	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/07/21 05:05	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/07/21 05:05	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		05/07/21 05:05	17060-07-0	
4-Bromofluorobenzene (S)	100	%	70-130		1		05/07/21 05:05	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/07/21 05:05	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/5/21)-Revised Report

Pace Project No.: 92537158

Sample: MW-60		Lab ID: 92537158002		Collected: 05/05/21 10:00		Received: 05/05/21 17:05		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		05/07/21 15:38		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/07/21 15:38		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/07/21 15:38		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/07/21 15:38		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/07/21 15:38		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	107	%	70-130		1		05/07/21 15:38	460-00-4	
4-Bromofluorobenzene (PID) (S)	109	%	70-130		1		05/07/21 15:38	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	05/10/21 08:20	05/11/21 01:29	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/07/21 03:00	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/07/21 03:00	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/07/21 03:00	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/07/21 03:00	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/07/21 03:00	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/07/21 03:00	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/07/21 03:00	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/07/21 03:00	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/07/21 03:00	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/07/21 03:00	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/07/21 03:00	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/07/21 03:00	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/07/21 03:00	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/07/21 03:00	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 03:00	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 03:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/07/21 03:00	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/07/21 03:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/07/21 03:00	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/07/21 03:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 03:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 03:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/07/21 03:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/07/21 03:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/07/21 03:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 03:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/07/21 03:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 03:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/07/21 03:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/07/21 03:00	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/5/21)-Revised Report

Pace Project No.: 92537158

Sample: MW-60		Lab ID: 92537158002		Collected: 05/05/21 10:00		Received: 05/05/21 17:05		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/07/21 03:00	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/07/21 03:00	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/07/21 03:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 03:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 03:00	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/07/21 03:00	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/07/21 03:00	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/07/21 03:00	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/07/21 03:00	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/07/21 03:00	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/07/21 03:00	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/07/21 03:00	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/07/21 03:00	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/07/21 03:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/07/21 03:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/07/21 03:00	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/07/21 03:00	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/07/21 03:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/07/21 03:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/07/21 03:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/07/21 03:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 03:00	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 03:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/07/21 03:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/07/21 03:00	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/07/21 03:00	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/07/21 03:00	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/07/21 03:00	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/07/21 03:00	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/07/21 03:00	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		05/07/21 03:00	17060-07-0	
4-Bromofluorobenzene (S)	102	%	70-130		1		05/07/21 03:00	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		05/07/21 03:00	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/5/21)-Revised Report

Pace Project No.: 92537158

Sample: FB-1-20210505 Lab ID: 92537158003 Collected: 05/05/21 15:50 Received: 05/05/21 17:05 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		05/07/21 16:06		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/07/21 16:06		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/07/21 16:06		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/07/21 16:06		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/07/21 16:06		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		05/07/21 16:06	460-00-4	
4-Bromofluorobenzene (PID) (S)	102	%	70-130		1		05/07/21 16:06	460-00-4	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/07/21 00:36	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/07/21 00:36	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/07/21 00:36	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/07/21 00:36	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/07/21 00:36	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/07/21 00:36	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/07/21 00:36	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/07/21 00:36	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/07/21 00:36	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/07/21 00:36	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/07/21 00:36	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/07/21 00:36	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/07/21 00:36	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/07/21 00:36	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 00:36	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 00:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/07/21 00:36	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/07/21 00:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/07/21 00:36	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/07/21 00:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 00:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 00:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/07/21 00:36	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/07/21 00:36	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/07/21 00:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 00:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/07/21 00:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 00:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/07/21 00:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/07/21 00:36	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/07/21 00:36	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/07/21 00:36	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/07/21 00:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 00:36	10061-01-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/5/21)-Revised Report

Pace Project No.: 92537158

Sample: FB-1-20210505		Lab ID: 92537158003		Collected: 05/05/21 15:50		Received: 05/05/21 17:05		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 00:36	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/07/21 00:36	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/07/21 00:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/07/21 00:36	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/07/21 00:36	98-82-8	
Methylene Chloride	2.1	ug/L	2.0	2.0	1		05/07/21 00:36	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/07/21 00:36	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/07/21 00:36	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/07/21 00:36	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/07/21 00:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/07/21 00:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/07/21 00:36	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/07/21 00:36	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/07/21 00:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/07/21 00:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/07/21 00:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/07/21 00:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 00:36	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 00:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/07/21 00:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/07/21 00:36	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/07/21 00:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/07/21 00:36	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/07/21 00:36	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/07/21 00:36	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/07/21 00:36	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		05/07/21 00:36	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		05/07/21 00:36	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/07/21 00:36	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/5/21)-Revised Report

Pace Project No.: 92537158

Sample: Trip Blank		Lab ID: 92537158004		Collected: 05/05/21 00:00		Received: 05/05/21 17:05		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		05/07/21 00:18	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/07/21 00:18	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/07/21 00:18	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/07/21 00:18	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/07/21 00:18	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/07/21 00:18	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/07/21 00:18	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/07/21 00:18	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/07/21 00:18	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/07/21 00:18	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/07/21 00:18	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/07/21 00:18	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/07/21 00:18	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/07/21 00:18	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 00:18	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 00:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/07/21 00:18	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/07/21 00:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/07/21 00:18	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/07/21 00:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 00:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 00:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/07/21 00:18	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/07/21 00:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/07/21 00:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 00:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/07/21 00:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 00:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/07/21 00:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/07/21 00:18	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/07/21 00:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/07/21 00:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/07/21 00:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 00:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 00:18	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/07/21 00:18	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/07/21 00:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/07/21 00:18	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/07/21 00:18	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/07/21 00:18	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/07/21 00:18	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/07/21 00:18	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/07/21 00:18	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/07/21 00:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/07/21 00:18	630-20-6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/5/21)-Revised Report

Pace Project No.: 92537158

Sample: Trip Blank		Lab ID: 92537158004		Collected: 05/05/21 00:00		Received: 05/05/21 17:05		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		05/07/21 00:18	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/07/21 00:18	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/07/21 00:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/07/21 00:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/07/21 00:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/07/21 00:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 00:18	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 00:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/07/21 00:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/07/21 00:18	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/07/21 00:18	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/07/21 00:18	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/07/21 00:18	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/07/21 00:18	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/07/21 00:18	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		05/07/21 00:18	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		05/07/21 00:18	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		05/07/21 00:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/5/21)-Revised Report

Pace Project No.: 92537158

QC Batch:	618990	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92537158001, 92537158002, 92537158003

METHOD BLANK: 3256936 Matrix: Water

Associated Lab Samples: 92537158001, 92537158002, 92537158003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/07/21 13:44	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/07/21 13:44	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/07/21 13:44	N2
4-Bromofluorobenzene (FID) (S)	%	99	70-130		05/07/21 13:44	
4-Bromofluorobenzene (PID) (S)	%	102	70-130		05/07/21 13:44	

LABORATORY CONTROL SAMPLE & LCSD: 3256937

LABORATORY CONTROL SAMPLE & LCSD: 3256937			3256938							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	315	323	105	108	70-130	2	25	N2
Aliphatic (C09-C12)	ug/L	300	340	336	113	112	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	109	109	109	109	70-130	0	25	N2
4-Bromofluorobenzene (FID) (S)	%				104	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				104	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/5/21)-Revised Report

Pace Project No.: 92537158

QC Batch: 619219

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92537158001, 92537158002

METHOD BLANK: 3257922

Matrix: Water

Associated Lab Samples: 92537158001, 92537158002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	05/11/21 01:00	

LABORATORY CONTROL SAMPLE: 3257923

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	448	90	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3257924 3257925

Parameter	Units	92537158001 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	480	468	96	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/5/21)-Revised Report

Pace Project No.: 92537158

QC Batch:	618788	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92537158001, 92537158002, 92537158003, 92537158004

METHOD BLANK: 3255821 Matrix: Water

Associated Lab Samples: 92537158001, 92537158002, 92537158003, 92537158004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/06/21 23:43	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/06/21 23:43	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/06/21 23:43	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/06/21 23:43	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/06/21 23:43	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/06/21 23:43	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/06/21 23:43	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/06/21 23:43	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/06/21 23:43	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/06/21 23:43	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/06/21 23:43	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/06/21 23:43	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/06/21 23:43	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/06/21 23:43	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/06/21 23:43	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/06/21 23:43	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/06/21 23:43	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/06/21 23:43	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/06/21 23:43	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/06/21 23:43	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/06/21 23:43	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/06/21 23:43	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/06/21 23:43	
Benzene	ug/L	ND	0.50	0.34	05/06/21 23:43	
Bromobenzene	ug/L	ND	0.50	0.29	05/06/21 23:43	
Bromochloromethane	ug/L	ND	0.50	0.47	05/06/21 23:43	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/06/21 23:43	
Bromoform	ug/L	ND	0.50	0.34	05/06/21 23:43	
Bromomethane	ug/L	ND	5.0	1.7	05/06/21 23:43	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/06/21 23:43	
Chlorobenzene	ug/L	ND	0.50	0.28	05/06/21 23:43	
Chloroethane	ug/L	ND	1.0	0.65	05/06/21 23:43	
Chloroform	ug/L	ND	0.50	0.35	05/06/21 23:43	
Chloromethane	ug/L	ND	1.0	0.54	05/06/21 23:43	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/06/21 23:43	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/06/21 23:43	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/06/21 23:43	
Dibromomethane	ug/L	ND	0.50	0.39	05/06/21 23:43	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/06/21 23:43	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/06/21 23:43	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/5/21)-Revised Report

Pace Project No.: 92537158

METHOD BLANK: 3255821

Matrix: Water

Associated Lab Samples: 92537158001, 92537158002, 92537158003, 92537158004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/06/21 23:43	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/06/21 23:43	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/06/21 23:43	
m&p-Xylene	ug/L	ND	1.0	0.71	05/06/21 23:43	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/06/21 23:43	
Methylene Chloride	ug/L	ND	2.0	2.0	05/06/21 23:43	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/06/21 23:43	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/06/21 23:43	
Naphthalene	ug/L	ND	2.0	0.64	05/06/21 23:43	
o-Xylene	ug/L	ND	0.50	0.34	05/06/21 23:43	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/06/21 23:43	
Styrene	ug/L	ND	0.50	0.29	05/06/21 23:43	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/06/21 23:43	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/06/21 23:43	
Toluene	ug/L	ND	0.50	0.48	05/06/21 23:43	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/06/21 23:43	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/06/21 23:43	
Trichloroethene	ug/L	ND	0.50	0.38	05/06/21 23:43	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/06/21 23:43	
Vinyl chloride	ug/L	ND	1.0	0.39	05/06/21 23:43	
1,2-Dichloroethane-d4 (S)	%	97	70-130		05/06/21 23:43	
4-Bromofluorobenzene (S)	%	102	70-130		05/06/21 23:43	
Toluene-d8 (S)	%	99	70-130		05/06/21 23:43	

LABORATORY CONTROL SAMPLE: 3255822

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.9	96	60-140	
1,1,1-Trichloroethane	ug/L	50	46.4	93	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	46.9	94	60-140	
1,1,2-Trichloroethane	ug/L	50	48.2	96	60-140	
1,1-Dichloroethane	ug/L	50	45.4	91	60-140	
1,1-Dichloroethene	ug/L	50	47.8	96	60-140	
1,1-Dichloropropene	ug/L	50	47.7	95	60-140	
1,2,3-Trichlorobenzene	ug/L	50	46.0	92	60-140	
1,2,3-Trichloropropane	ug/L	50	46.4	93	60-140	
1,2,4-Trichlorobenzene	ug/L	50	46.3	93	60-140	
1,2,4-Trimethylbenzene	ug/L	50	43.7	87	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	46.6	93	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	49.3	99	60-140	
1,2-Dichlorobenzene	ug/L	50	45.3	91	60-140	
1,2-Dichloroethane	ug/L	50	46.4	93	60-140	
1,2-Dichloropropane	ug/L	50	47.9	96	60-140	
1,3,5-Trimethylbenzene	ug/L	50	44.8	90	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/5/21)-Revised Report

Pace Project No.: 92537158

LABORATORY CONTROL SAMPLE: 3255822

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	45.3	91	60-140	
1,3-Dichloropropane	ug/L	50	48.2	96	60-140	
1,4-Dichlorobenzene	ug/L	50	45.7	91	60-140	
2,2-Dichloropropane	ug/L	50	40.9	82	60-140	
2-Chlorotoluene	ug/L	50	45.2	90	60-140	
4-Chlorotoluene	ug/L	50	42.2	84	60-140	
Benzene	ug/L	50	47.1	94	60-140	
Bromobenzene	ug/L	50	46.1	92	60-140	
Bromochloromethane	ug/L	50	47.3	95	60-140	
Bromodichloromethane	ug/L	50	45.4	91	60-140	
Bromoform	ug/L	50	48.5	97	60-140	
Bromomethane	ug/L	50	54.3	109	60-140	
Carbon tetrachloride	ug/L	50	50.0	100	60-140	
Chlorobenzene	ug/L	50	47.1	94	60-140	
Chloroethane	ug/L	50	41.7	83	60-140	
Chloroform	ug/L	50	47.1	94	60-140	
Chloromethane	ug/L	50	46.0	92	60-140	
cis-1,2-Dichloroethene	ug/L	50	46.3	93	60-140	
cis-1,3-Dichloropropene	ug/L	50	44.7	89	60-140	
Dibromochloromethane	ug/L	50	49.0	98	60-140	
Dibromomethane	ug/L	50	48.1	96	60-140	
Dichlorodifluoromethane	ug/L	50	50.3	101	60-140	
Diisopropyl ether	ug/L	50	42.0	84	60-140	
Ethylbenzene	ug/L	50	46.0	92	60-140	
Hexachloro-1,3-butadiene	ug/L	50	45.2	90	60-140	
Isopropylbenzene (Cumene)	ug/L	50	46.7	93	60-140	
m&p-Xylene	ug/L	100	91.0	91	60-140	
Methyl-tert-butyl ether	ug/L	50	47.9	96	60-140	
Methylene Chloride	ug/L	50	45.1	90	60-140	
n-Butylbenzene	ug/L	50	42.6	85	60-140	
n-Propylbenzene	ug/L	50	44.2	88	60-140	
Naphthalene	ug/L	50	45.4	91	60-140	
o-Xylene	ug/L	50	45.7	91	60-140	
sec-Butylbenzene	ug/L	50	44.5	89	60-140	
Styrene	ug/L	50	47.6	95	60-140	
tert-Butylbenzene	ug/L	50	38.1	76	60-140	
Tetrachloroethene	ug/L	50	48.0	96	60-140	
Toluene	ug/L	50	44.9	90	60-140	
trans-1,2-Dichloroethene	ug/L	50	46.5	93	60-140	
trans-1,3-Dichloropropene	ug/L	50	44.2	88	60-140	
Trichloroethene	ug/L	50	47.5	95	60-140	
Trichlorofluoromethane	ug/L	50	45.9	92	60-140	
Vinyl chloride	ug/L	50	47.6	95	60-140	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/5/21)-Revised Report

Pace Project No.: 92537158

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3255823 3255824											
Parameter	Units	92537153005 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	18.0	19.0	90	95	60-140	5	30
1,1,1-Trichloroethane	ug/L	ND	20	20	20.0	21.1	100	105	60-140	5	30
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	18.2	18.3	91	92	60-140	1	30
1,1,2-Trichloroethane	ug/L	ND	20	20	19.8	20.2	99	101	60-140	2	30
1,1-Dichloroethane	ug/L	ND	20	20	19.1	20.0	95	100	60-140	5	30
1,1-Dichloroethene	ug/L	ND	20	20	20.2	21.5	101	108	60-140	6	30
1,1-Dichloropropene	ug/L	ND	20	20	20.1	21.2	101	106	60-140	5	30
1,2,3-Trichlorobenzene	ug/L	ND	20	20	17.7	18.6	89	93	60-140	5	30
1,2,3-Trichloropropane	ug/L	ND	20	20	18.7	18.2	93	91	60-140	3	30
1,2,4-Trichlorobenzene	ug/L	ND	20	20	17.4	18.7	87	93	60-140	7	30
1,2,4-Trimethylbenzene	ug/L	ND	20	20	17.2	17.6	86	88	60-140	2	30
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	17.2	17.0	86	85	60-140	2	30
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	19.7	19.7	99	98	60-140	0	30
1,2-Dichlorobenzene	ug/L	ND	20	20	18.0	18.1	90	91	60-140	1	30
1,2-Dichloroethane	ug/L	ND	20	20	19.5	19.9	97	100	60-140	2	30
1,2-Dichloropropane	ug/L	ND	20	20	20.3	20.9	101	105	60-140	3	30
1,3,5-Trimethylbenzene	ug/L	ND	20	20	17.9	18.2	90	91	60-140	1	30
1,3-Dichlorobenzene	ug/L	ND	20	20	17.9	18.2	89	91	60-140	2	30
1,3-Dichloropropane	ug/L	ND	20	20	19.5	19.7	98	98	60-140	1	30
1,4-Dichlorobenzene	ug/L	ND	20	20	18.3	18.5	92	92	60-140	1	30
2,2-Dichloropropane	ug/L	ND	20	20	18.8	19.2	94	96	60-140	2	30
2-Chlorotoluene	ug/L	ND	20	20	18.0	18.1	90	91	60-140	1	30
4-Chlorotoluene	ug/L	ND	20	20	16.8	17.4	84	87	60-140	3	30
Benzene	ug/L	ND	20	20	20.0	21.0	100	105	60-140	5	30
Bromobenzene	ug/L	ND	20	20	18.2	18.8	91	94	60-140	3	30
Bromochloromethane	ug/L	ND	20	20	19.8	20.9	99	104	60-140	5	30
Bromodichloromethane	ug/L	ND	20	20	18.6	19.0	93	95	60-140	2	30
Bromoform	ug/L	ND	20	20	17.7	18.7	89	94	60-140	6	30
Bromomethane	ug/L	ND	20	20	24.1	26.7	121	133	60-140	10	30
Carbon tetrachloride	ug/L	ND	20	20	21.5	22.2	108	111	60-140	3	30
Chlorobenzene	ug/L	ND	20	20	19.1	19.5	96	97	60-140	2	30
Chloroethane	ug/L	ND	20	20	19.1	21.1	96	105	60-140	10	30
Chloroform	ug/L	ND	20	20	19.3	20.0	97	100	60-140	3	30
Chloromethane	ug/L	ND	20	20	20.2	19.0	100	94	60-140	6	30
cis-1,2-Dichloroethene	ug/L	ND	20	20	19.1	20.0	96	100	60-140	4	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	18.8	18.7	94	94	60-140	0	30
Dibromomethane	ug/L	ND	20	20	19.0	20.4	95	102	60-140	7	30
Dichlorodifluoromethane	ug/L	ND	20	20	20.7	22.1	104	110	60-140	6	30
Diisopropyl ether	ug/L	ND	20	20	16.7	17.4	84	87	60-140	4	30
Ethylbenzene	ug/L	ND	20	20	18.9	19.4	95	97	60-140	2	30
Hexachloro-1,3-butadiene	ug/L	ND	20	20	19.7	22.3	98	112	60-140	13	30
Isopropylbenzene (Cumene)	ug/L	ND	20	20	19.0	19.4	95	97	60-140	2	30
m&p-Xylene	ug/L	ND	40	40	37.7	38.8	94	97	60-140	3	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/5/21)-Revised Report

Pace Project No.: 92537158

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3255823 3255824												
		92537153005	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	19.3	20.0	96	100	60-140	4	30	
Methylene Chloride	ug/L	ND	20	20	17.8	18.6	89	93	60-140	5	30	
n-Butylbenzene	ug/L	ND	20	20	16.7	18.1	83	91	60-140	8	30	
n-Propylbenzene	ug/L	ND	20	20	17.5	17.7	87	89	60-140	1	30	
Naphthalene	ug/L	ND	20	20	17.1	17.3	86	86	60-140	1	30	
o-Xylene	ug/L	ND	20	20	18.7	18.7	94	94	60-140	0	30	
sec-Butylbenzene	ug/L	ND	20	20	17.5	18.1	88	90	60-140	3	30	
Styrene	ug/L	ND	20	20	19.1	19.4	95	97	60-140	2	30	
tert-Butylbenzene	ug/L	ND	20	20	14.9	15.6	75	78	60-140	5	30	
Tetrachloroethene	ug/L	ND	20	20	19.1	19.7	96	99	60-140	3	30	
Toluene	ug/L	ND	20	20	19.4	19.7	97	98	60-140	1	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.8	20.9	99	104	60-140	5	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	17.6	18.1	88	91	60-140	3	30	
Trichloroethene	ug/L	ND	20	20	21.4	21.2	107	106	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	20.1	21.4	100	107	60-140	7	30	
Vinyl chloride	ug/L	ND	20	20	20.1	21.5	100	107	60-140	7	30	
1,2-Dichloroethane-d4 (S)	%						91	94	70-130			
4-Bromofluorobenzene (S)	%						99	99	70-130			
Toluene-d8 (S)	%						100	97	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: CPC Huntersville (5/5/21)-Revised Report
Pace Project No.: 92537158

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville (5/5/21)-Revised Report

Pace Project No.: 92537158

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92537158001	MW-13	MADEP VPH	618990		
92537158002	MW-60	MADEP VPH	618990		
92537158003	FB-1-20210505	MADEP VPH	618990		
92537158001	MW-13	EPA 3010A	619219	EPA 6010D	619269
92537158002	MW-60	EPA 3010A	619219	EPA 6010D	619269
92537158001	MW-13	SM 6200B	618788		
92537158002	MW-60	SM 6200B	618788		
92537158003	FB-1-20210505	SM 6200B	618788		
92537158004	Trip Blank	SM 6200B	618788		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☒ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition
Upon Receipt

Client Name:

ABCOM

Project #: **WO# : 92537158**

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client
☐ Commercial ☐ Pace ☐ Other:



92537158

Custody Seal Present? ☐ Yes ☒ No Seals Intact? ☐ Yes ☒ No

Date/Initials Person Examining Contents:

SIG/21LC

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen?

☐ Yes ☐ No ☒ N/A

Thermometer:

☒ IR Gun ID:

921064

Type of Ice:

☒ Wet ☐ Blue ☐ None

Cooler Temp:

1.3

Correction Factor:

Add/Subtract (°C) 0.0°C

Temp should be above freezing to 6°C

☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C):

1.3

USDA Regulated Soil (☐ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?

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#: 92537158

PM: NMG

Due Date: 05/12/21

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						1										7											
2						1										7											
3																7											
4																2											
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.

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 Of 1

Section A		Section B		Section C		Page : 1 Of 1	
Required Client Information:		Required Project Information:		Invoice Information:			
Company:	AECOM	Report To:	Andrew Wreschnig	Attention:			
Address:	6000 Fairview Road	Copy To:		Company Name:			
	Suite 200, Charlotte, NC 28226			Address:			
Email:		Purchase Order #:		Pace Quote:		Regulatory Agency	
Phone:	(704)522-0330	Project Name:	CPC Huntersville	Pace Project Manager:	nicole.gasicrowski@pacelabs.com,	State / Location	
Fax		Project #:		Pace Profile #:	12518	NC	
Requested Due Date:							

[illegible]

12	ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS					
								TEMP in C	Received on	Custody (Y/N)	Sealed Cooler (Y/N)	Interact Samples (Y/N)	
		Emily R. Ford / AECOM	5/5/2021	1705	SC HILL	5/5/21	1705	13	Y	Y	Y	Y	
SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER: Emily Love SIGNATURE of SAMPLER: Emily R. Ford DATE Signed: 5/5/2021													

May 12, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC Huntersville (5/5/21)
Pace Project No.: 92537159

Dear Andrew Wreschnig:

Enclosed are the analytical results for sample(s) received by the laboratory on May 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 Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,



Nicole Gasiorowski
nicole.gasiorowski@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: 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 (5/5/21)

Pace Project No.: 92537159

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: CPC Huntersville (5/5/21)

Pace Project No.: 92537159

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92537159001	MW-34	Water	05/05/21 10:50	05/05/21 17:05
92537159002	MW-56	Water	05/05/21 09:25	05/05/21 17:05
92537159003	MW-57	Water	05/05/21 12:15	05/05/21 17:05
92537159006	EB-1-20210505	Water	05/05/21 15:45	05/05/21 17:05
92537159007	DUP-1-20210505	Water	05/05/21 00:00	05/05/21 17:05
92537159008	Trip Blank	Water	05/05/21 00:00	05/05/21 17:05

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: CPC Huntersville (5/5/21)

Pace Project No.: 92537159

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92537159001	MW-34	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92537159002	MW-56	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92537159003	MW-57	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92537159006	EB-1-20210505	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92537159007	DUP-1-20210505	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92537159008	Trip Blank	SM 6200B	SAS	63	PASI-C
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/5/21)

Pace Project No.: 92537159

Sample: MW-34		Lab ID: 92537159001		Collected: 05/05/21 10:50		Received: 05/05/21 17:05		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		05/07/21 16:34		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/07/21 16:34		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/07/21 16:34		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/07/21 16:34		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/07/21 16:34		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		05/07/21 16:34	460-00-4	
4-Bromofluorobenzene (PID) (S)	102	%	70-130		1		05/07/21 16:34	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	05/10/21 08:20	05/11/21 01:32	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/07/21 04:29	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/07/21 04:29	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/07/21 04:29	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/07/21 04:29	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/07/21 04:29	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/07/21 04:29	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/07/21 04:29	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/07/21 04:29	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/07/21 04:29	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/07/21 04:29	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/07/21 04:29	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/07/21 04:29	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/07/21 04:29	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/07/21 04:29	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 04:29	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 04:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/07/21 04:29	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/07/21 04:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/07/21 04:29	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/07/21 04:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 04:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 04:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/07/21 04:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/07/21 04:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/07/21 04:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 04:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/07/21 04:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 04:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/07/21 04:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/07/21 04:29	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/5/21)

Pace Project No.: 92537159

Sample: MW-34		Lab ID: 92537159001		Collected: 05/05/21 10:50		Received: 05/05/21 17:05		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/07/21 04:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/07/21 04:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/07/21 04:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 04:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 04:29	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/07/21 04:29	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/07/21 04:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/07/21 04:29	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/07/21 04:29	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/07/21 04:29	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/07/21 04:29	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/07/21 04:29	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/07/21 04:29	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/07/21 04:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/07/21 04:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/07/21 04:29	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/07/21 04:29	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/07/21 04:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/07/21 04:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/07/21 04:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/07/21 04:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 04:29	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 04:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/07/21 04:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/07/21 04:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/07/21 04:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/07/21 04:29	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/07/21 04:29	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/07/21 04:29	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/07/21 04:29	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		05/07/21 04:29	17060-07-0	
4-Bromofluorobenzene (S)	100	%	70-130		1		05/07/21 04:29	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/07/21 04:29	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/5/21)

Pace Project No.: 92537159

Sample: MW-56		Lab ID: 92537159002		Collected: 05/05/21 09:25		Received: 05/05/21 17:05		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		05/07/21 17:03		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/07/21 17:03		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/07/21 17:03		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/07/21 17:03		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/07/21 17:03		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		05/07/21 17:03	460-00-4	
4-Bromofluorobenzene (PID) (S)	100	%	70-130		1		05/07/21 17:03	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	05/10/21 08:20	05/11/21 01:36	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/07/21 14:18	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/07/21 14:18	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/07/21 14:18	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/07/21 14:18	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/07/21 14:18	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/07/21 14:18	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/07/21 14:18	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/07/21 14:18	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/07/21 14:18	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/07/21 14:18	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/07/21 14:18	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/07/21 14:18	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/07/21 14:18	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/07/21 14:18	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 14:18	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 14:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/07/21 14:18	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/07/21 14:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/07/21 14:18	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/07/21 14:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 14:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 14:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/07/21 14:18	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/07/21 14:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/07/21 14:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 14:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/07/21 14:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 14:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/07/21 14:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/07/21 14:18	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/5/21)

Pace Project No.: 92537159

Sample: MW-56		Lab ID: 92537159002		Collected: 05/05/21 09:25		Received: 05/05/21 17:05		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/07/21 14:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/07/21 14:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/07/21 14:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 14:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 14:18	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/07/21 14:18	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/07/21 14:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/07/21 14:18	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/07/21 14:18	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/07/21 14:18	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/07/21 14:18	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/07/21 14:18	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/07/21 14:18	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/07/21 14:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/07/21 14:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/07/21 14:18	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/07/21 14:18	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/07/21 14:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/07/21 14:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/07/21 14:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/07/21 14:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 14:18	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 14:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/07/21 14:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/07/21 14:18	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/07/21 14:18	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/07/21 14:18	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/07/21 14:18	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/07/21 14:18	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/07/21 14:18	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		05/07/21 14:18	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		05/07/21 14:18	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/07/21 14:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/5/21)

Pace Project No.: 92537159

Sample: MW-57 Lab ID: 92537159003 Collected: 05/05/21 12:15 Received: 05/05/21 17:05 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		05/07/21 17:31		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/07/21 17:31		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/07/21 17:31		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/07/21 17:31		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/07/21 17:31		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1		05/07/21 17:31	460-00-4	
4-Bromofluorobenzene (PID) (S)	105	%	70-130		1		05/07/21 17:31	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	05/10/21 08:20	05/11/21 01:39	7439-92-1	
6200B MSV Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/07/21 14:36	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/07/21 14:36	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/07/21 14:36	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/07/21 14:36	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/07/21 14:36	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/07/21 14:36	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/07/21 14:36	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/07/21 14:36	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/07/21 14:36	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/07/21 14:36	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/07/21 14:36	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/07/21 14:36	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/07/21 14:36	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/07/21 14:36	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 14:36	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 14:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/07/21 14:36	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/07/21 14:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/07/21 14:36	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/07/21 14:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 14:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 14:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/07/21 14:36	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/07/21 14:36	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/07/21 14:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 14:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/07/21 14:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 14:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/07/21 14:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/07/21 14:36	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/5/21)

Pace Project No.: 92537159

Sample: MW-57		Lab ID: 92537159003		Collected: 05/05/21 12:15		Received: 05/05/21 17:05		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/07/21 14:36	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/07/21 14:36	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/07/21 14:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 14:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 14:36	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/07/21 14:36	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/07/21 14:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/07/21 14:36	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/07/21 14:36	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/07/21 14:36	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/07/21 14:36	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/07/21 14:36	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/07/21 14:36	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/07/21 14:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/07/21 14:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/07/21 14:36	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/07/21 14:36	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/07/21 14:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/07/21 14:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/07/21 14:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/07/21 14:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 14:36	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 14:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/07/21 14:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/07/21 14:36	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/07/21 14:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/07/21 14:36	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/07/21 14:36	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/07/21 14:36	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/07/21 14:36	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		05/07/21 14:36	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		05/07/21 14:36	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/07/21 14:36	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/5/21)

Pace Project No.: 92537159

Sample: EB-1-20210505 Lab ID: 92537159006 Collected: 05/05/21 15:45 Received: 05/05/21 17:05 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		05/07/21 14:12		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/07/21 14:12		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/07/21 14:12		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/07/21 14:12		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/07/21 14:12		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		05/07/21 14:12	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		05/07/21 14:12	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	05/10/21 08:20	05/11/21 01:42	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/07/21 12:48	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/07/21 12:48	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/07/21 12:48	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/07/21 12:48	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/07/21 12:48	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/07/21 12:48	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/07/21 12:48	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/07/21 12:48	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/07/21 12:48	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/07/21 12:48	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/07/21 12:48	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/07/21 12:48	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/07/21 12:48	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/07/21 12:48	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 12:48	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 12:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/07/21 12:48	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/07/21 12:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/07/21 12:48	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/07/21 12:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 12:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 12:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/07/21 12:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/07/21 12:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/07/21 12:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 12:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/07/21 12:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 12:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/07/21 12:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/07/21 12:48	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/5/21)

Pace Project No.: 92537159

Sample: EB-1-20210505		Lab ID: 92537159006		Collected: 05/05/21 15:45		Received: 05/05/21 17:05		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/07/21 12:48	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/07/21 12:48	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/07/21 12:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 12:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 12:48	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/07/21 12:48	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/07/21 12:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/07/21 12:48	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/07/21 12:48	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/07/21 12:48	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/07/21 12:48	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/07/21 12:48	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/07/21 12:48	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/07/21 12:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/07/21 12:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/07/21 12:48	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/07/21 12:48	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/07/21 12:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/07/21 12:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/07/21 12:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/07/21 12:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 12:48	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 12:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/07/21 12:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/07/21 12:48	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/07/21 12:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/07/21 12:48	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/07/21 12:48	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/07/21 12:48	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/07/21 12:48	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		05/07/21 12:48	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130		1		05/07/21 12:48	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/07/21 12:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/5/21)

Pace Project No.: 92537159

Sample: DUP-1-20210505 Lab ID: 92537159007 Collected: 05/05/21 00:00 Received: 05/05/21 17:05 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		05/07/21 18:00		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/07/21 18:00		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/07/21 18:00		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/07/21 18:00		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/07/21 18:00		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		05/07/21 18:00	460-00-4	
4-Bromofluorobenzene (PID) (S)	102	%	70-130		1		05/07/21 18:00	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	05/10/21 08:20	05/11/21 01:45	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/07/21 14:54	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/07/21 14:54	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/07/21 14:54	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/07/21 14:54	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/07/21 14:54	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/07/21 14:54	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/07/21 14:54	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/07/21 14:54	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/07/21 14:54	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/07/21 14:54	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/07/21 14:54	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/07/21 14:54	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/07/21 14:54	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/07/21 14:54	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 14:54	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 14:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/07/21 14:54	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/07/21 14:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/07/21 14:54	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/07/21 14:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 14:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 14:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/07/21 14:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/07/21 14:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/07/21 14:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 14:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/07/21 14:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 14:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/07/21 14:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/07/21 14:54	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/5/21)

Pace Project No.: 92537159

Sample: DUP-1-20210505		Lab ID: 92537159007		Collected: 05/05/21 00:00		Received: 05/05/21 17:05		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/07/21 14:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/07/21 14:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/07/21 14:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 14:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 14:54	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/07/21 14:54	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/07/21 14:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/07/21 14:54	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/07/21 14:54	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/07/21 14:54	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/07/21 14:54	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/07/21 14:54	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/07/21 14:54	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/07/21 14:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/07/21 14:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/07/21 14:54	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/07/21 14:54	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/07/21 14:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/07/21 14:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/07/21 14:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/07/21 14:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 14:54	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 14:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/07/21 14:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/07/21 14:54	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/07/21 14:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/07/21 14:54	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/07/21 14:54	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/07/21 14:54	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/07/21 14:54	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		05/07/21 14:54	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		05/07/21 14:54	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/07/21 14:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/5/21)

Pace Project No.: 92537159

Sample: Trip Blank		Lab ID: 92537159008		Collected: 05/05/21 00:00		Received: 05/05/21 17:05		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		05/07/21 13:06	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/07/21 13:06	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/07/21 13:06	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/07/21 13:06	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/07/21 13:06	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/07/21 13:06	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/07/21 13:06	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/07/21 13:06	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/07/21 13:06	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/07/21 13:06	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/07/21 13:06	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/07/21 13:06	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/07/21 13:06	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/07/21 13:06	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 13:06	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 13:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/07/21 13:06	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/07/21 13:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/07/21 13:06	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/07/21 13:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 13:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 13:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/07/21 13:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/07/21 13:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/07/21 13:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 13:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/07/21 13:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 13:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/07/21 13:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/07/21 13:06	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/07/21 13:06	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/07/21 13:06	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/07/21 13:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 13:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 13:06	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/07/21 13:06	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/07/21 13:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/07/21 13:06	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/07/21 13:06	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/07/21 13:06	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/07/21 13:06	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/07/21 13:06	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/07/21 13:06	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/07/21 13:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/07/21 13:06	630-20-6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/5/21)

Pace Project No.: 92537159

Sample: Trip Blank		Lab ID: 92537159008		Collected: 05/05/21 00:00		Received: 05/05/21 17:05		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		05/07/21 13:06	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/07/21 13:06	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/07/21 13:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/07/21 13:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/07/21 13:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/07/21 13:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 13:06	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 13:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/07/21 13:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/07/21 13:06	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/07/21 13:06	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/07/21 13:06	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/07/21 13:06	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/07/21 13:06	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/07/21 13:06	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		05/07/21 13:06	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130		1		05/07/21 13:06	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/07/21 13:06	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/5/21)

Pace Project No.: 92537159

QC Batch:	618990	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples: 92537159001, 92537159002, 92537159003, 92537159006, 92537159007			

METHOD BLANK: 3256936

Matrix: Water

Associated Lab Samples: 92537159001, 92537159002, 92537159003, 92537159006, 92537159007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/07/21 13:44	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/07/21 13:44	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/07/21 13:44	N2
4-Bromofluorobenzene (FID) (S)	%	99	70-130		05/07/21 13:44	
4-Bromofluorobenzene (PID) (S)	%	102	70-130		05/07/21 13:44	

LABORATORY CONTROL SAMPLE & LCSD: 3256937

3256938

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	315	323	105	108	70-130	2	25	N2
Aliphatic (C09-C12)	ug/L	300	340	336	113	112	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	109	109	109	109	70-130	0	25	N2
4-Bromofluorobenzene (FID) (S)	%				104	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				104	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/5/21)

Pace Project No.: 92537159

QC Batch: 619219

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92537159001, 92537159002, 92537159003, 92537159006, 92537159007

METHOD BLANK: 3257922

Matrix: Water

Associated Lab Samples: 92537159001, 92537159002, 92537159003, 92537159006, 92537159007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	05/11/21 01:00	

LABORATORY CONTROL SAMPLE: 3257923

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	448	90	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3257924 3257925

Parameter	Units	92537158001 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	480	468	96	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/5/21)

Pace Project No.: 92537159

QC Batch: 618788

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92537159001

METHOD BLANK: 3255821

Matrix: Water

Associated Lab Samples: 92537159001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/06/21 23:43	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/06/21 23:43	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/06/21 23:43	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/06/21 23:43	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/06/21 23:43	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/06/21 23:43	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/06/21 23:43	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/06/21 23:43	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/06/21 23:43	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/06/21 23:43	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/06/21 23:43	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/06/21 23:43	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/06/21 23:43	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/06/21 23:43	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/06/21 23:43	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/06/21 23:43	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/06/21 23:43	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/06/21 23:43	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/06/21 23:43	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/06/21 23:43	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/06/21 23:43	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/06/21 23:43	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/06/21 23:43	
Benzene	ug/L	ND	0.50	0.34	05/06/21 23:43	
Bromobenzene	ug/L	ND	0.50	0.29	05/06/21 23:43	
Bromochloromethane	ug/L	ND	0.50	0.47	05/06/21 23:43	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/06/21 23:43	
Bromoform	ug/L	ND	0.50	0.34	05/06/21 23:43	
Bromomethane	ug/L	ND	5.0	1.7	05/06/21 23:43	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/06/21 23:43	
Chlorobenzene	ug/L	ND	0.50	0.28	05/06/21 23:43	
Chloroethane	ug/L	ND	1.0	0.65	05/06/21 23:43	
Chloroform	ug/L	ND	0.50	0.35	05/06/21 23:43	
Chloromethane	ug/L	ND	1.0	0.54	05/06/21 23:43	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/06/21 23:43	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/06/21 23:43	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/06/21 23:43	
Dibromomethane	ug/L	ND	0.50	0.39	05/06/21 23:43	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/06/21 23:43	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/06/21 23:43	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/5/21)
Pace Project No.: 92537159

METHOD BLANK: 3255821

Matrix: Water

Associated Lab Samples: 92537159001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/06/21 23:43	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/06/21 23:43	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/06/21 23:43	
m&p-Xylene	ug/L	ND	1.0	0.71	05/06/21 23:43	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/06/21 23:43	
Methylene Chloride	ug/L	ND	2.0	2.0	05/06/21 23:43	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/06/21 23:43	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/06/21 23:43	
Naphthalene	ug/L	ND	2.0	0.64	05/06/21 23:43	
o-Xylene	ug/L	ND	0.50	0.34	05/06/21 23:43	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/06/21 23:43	
Styrene	ug/L	ND	0.50	0.29	05/06/21 23:43	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/06/21 23:43	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/06/21 23:43	
Toluene	ug/L	ND	0.50	0.48	05/06/21 23:43	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/06/21 23:43	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/06/21 23:43	
Trichloroethene	ug/L	ND	0.50	0.38	05/06/21 23:43	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/06/21 23:43	
Vinyl chloride	ug/L	ND	1.0	0.39	05/06/21 23:43	
1,2-Dichloroethane-d4 (S)	%	97	70-130		05/06/21 23:43	
4-Bromofluorobenzene (S)	%	102	70-130		05/06/21 23:43	
Toluene-d8 (S)	%	99	70-130		05/06/21 23:43	

LABORATORY CONTROL SAMPLE: 3255822

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.9	96	60-140	
1,1,1-Trichloroethane	ug/L	50	46.4	93	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	46.9	94	60-140	
1,1,2-Trichloroethane	ug/L	50	48.2	96	60-140	
1,1-Dichloroethane	ug/L	50	45.4	91	60-140	
1,1-Dichloroethene	ug/L	50	47.8	96	60-140	
1,1-Dichloropropene	ug/L	50	47.7	95	60-140	
1,2,3-Trichlorobenzene	ug/L	50	46.0	92	60-140	
1,2,3-Trichloropropane	ug/L	50	46.4	93	60-140	
1,2,4-Trichlorobenzene	ug/L	50	46.3	93	60-140	
1,2,4-Trimethylbenzene	ug/L	50	43.7	87	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	46.6	93	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	49.3	99	60-140	
1,2-Dichlorobenzene	ug/L	50	45.3	91	60-140	
1,2-Dichloroethane	ug/L	50	46.4	93	60-140	
1,2-Dichloropropane	ug/L	50	47.9	96	60-140	
1,3,5-Trimethylbenzene	ug/L	50	44.8	90	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/5/21)

Pace Project No.: 92537159

LABORATORY CONTROL SAMPLE: 3255822

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	45.3	91	60-140	
1,3-Dichloropropane	ug/L	50	48.2	96	60-140	
1,4-Dichlorobenzene	ug/L	50	45.7	91	60-140	
2,2-Dichloropropane	ug/L	50	40.9	82	60-140	
2-Chlorotoluene	ug/L	50	45.2	90	60-140	
4-Chlorotoluene	ug/L	50	42.2	84	60-140	
Benzene	ug/L	50	47.1	94	60-140	
Bromobenzene	ug/L	50	46.1	92	60-140	
Bromochloromethane	ug/L	50	47.3	95	60-140	
Bromodichloromethane	ug/L	50	45.4	91	60-140	
Bromoform	ug/L	50	48.5	97	60-140	
Bromomethane	ug/L	50	54.3	109	60-140	
Carbon tetrachloride	ug/L	50	50.0	100	60-140	
Chlorobenzene	ug/L	50	47.1	94	60-140	
Chloroethane	ug/L	50	41.7	83	60-140	
Chloroform	ug/L	50	47.1	94	60-140	
Chloromethane	ug/L	50	46.0	92	60-140	
cis-1,2-Dichloroethene	ug/L	50	46.3	93	60-140	
cis-1,3-Dichloropropene	ug/L	50	44.7	89	60-140	
Dibromochloromethane	ug/L	50	49.0	98	60-140	
Dibromomethane	ug/L	50	48.1	96	60-140	
Dichlorodifluoromethane	ug/L	50	50.3	101	60-140	
Diisopropyl ether	ug/L	50	42.0	84	60-140	
Ethylbenzene	ug/L	50	46.0	92	60-140	
Hexachloro-1,3-butadiene	ug/L	50	45.2	90	60-140	
Isopropylbenzene (Cumene)	ug/L	50	46.7	93	60-140	
m&p-Xylene	ug/L	100	91.0	91	60-140	
Methyl-tert-butyl ether	ug/L	50	47.9	96	60-140	
Methylene Chloride	ug/L	50	45.1	90	60-140	
n-Butylbenzene	ug/L	50	42.6	85	60-140	
n-Propylbenzene	ug/L	50	44.2	88	60-140	
Naphthalene	ug/L	50	45.4	91	60-140	
o-Xylene	ug/L	50	45.7	91	60-140	
sec-Butylbenzene	ug/L	50	44.5	89	60-140	
Styrene	ug/L	50	47.6	95	60-140	
tert-Butylbenzene	ug/L	50	38.1	76	60-140	
Tetrachloroethene	ug/L	50	48.0	96	60-140	
Toluene	ug/L	50	44.9	90	60-140	
trans-1,2-Dichloroethene	ug/L	50	46.5	93	60-140	
trans-1,3-Dichloropropene	ug/L	50	44.2	88	60-140	
Trichloroethene	ug/L	50	47.5	95	60-140	
Trichlorofluoromethane	ug/L	50	45.9	92	60-140	
Vinyl chloride	ug/L	50	47.6	95	60-140	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/5/21)

Pace Project No.: 92537159

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3255823 3255824											
Parameter	Units	92537153005 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	18.0	19.0	90	95	60-140	5	30
1,1,1-Trichloroethane	ug/L	ND	20	20	20.0	21.1	100	105	60-140	5	30
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	18.2	18.3	91	92	60-140	1	30
1,1,2-Trichloroethane	ug/L	ND	20	20	19.8	20.2	99	101	60-140	2	30
1,1-Dichloroethane	ug/L	ND	20	20	19.1	20.0	95	100	60-140	5	30
1,1-Dichloroethene	ug/L	ND	20	20	20.2	21.5	101	108	60-140	6	30
1,1-Dichloropropene	ug/L	ND	20	20	20.1	21.2	101	106	60-140	5	30
1,2,3-Trichlorobenzene	ug/L	ND	20	20	17.7	18.6	89	93	60-140	5	30
1,2,3-Trichloropropane	ug/L	ND	20	20	18.7	18.2	93	91	60-140	3	30
1,2,4-Trichlorobenzene	ug/L	ND	20	20	17.4	18.7	87	93	60-140	7	30
1,2,4-Trimethylbenzene	ug/L	ND	20	20	17.2	17.6	86	88	60-140	2	30
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	17.2	17.0	86	85	60-140	2	30
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	19.7	19.7	99	98	60-140	0	30
1,2-Dichlorobenzene	ug/L	ND	20	20	18.0	18.1	90	91	60-140	1	30
1,2-Dichloroethane	ug/L	ND	20	20	19.5	19.9	97	100	60-140	2	30
1,2-Dichloropropane	ug/L	ND	20	20	20.3	20.9	101	105	60-140	3	30
1,3,5-Trimethylbenzene	ug/L	ND	20	20	17.9	18.2	90	91	60-140	1	30
1,3-Dichlorobenzene	ug/L	ND	20	20	17.9	18.2	89	91	60-140	2	30
1,3-Dichloropropane	ug/L	ND	20	20	19.5	19.7	98	98	60-140	1	30
1,4-Dichlorobenzene	ug/L	ND	20	20	18.3	18.5	92	92	60-140	1	30
2,2-Dichloropropane	ug/L	ND	20	20	18.8	19.2	94	96	60-140	2	30
2-Chlorotoluene	ug/L	ND	20	20	18.0	18.1	90	91	60-140	1	30
4-Chlorotoluene	ug/L	ND	20	20	16.8	17.4	84	87	60-140	3	30
Benzene	ug/L	ND	20	20	20.0	21.0	100	105	60-140	5	30
Bromobenzene	ug/L	ND	20	20	18.2	18.8	91	94	60-140	3	30
Bromochloromethane	ug/L	ND	20	20	19.8	20.9	99	104	60-140	5	30
Bromodichloromethane	ug/L	ND	20	20	18.6	19.0	93	95	60-140	2	30
Bromoform	ug/L	ND	20	20	17.7	18.7	89	94	60-140	6	30
Bromomethane	ug/L	ND	20	20	24.1	26.7	121	133	60-140	10	30
Carbon tetrachloride	ug/L	ND	20	20	21.5	22.2	108	111	60-140	3	30
Chlorobenzene	ug/L	ND	20	20	19.1	19.5	96	97	60-140	2	30
Chloroethane	ug/L	ND	20	20	19.1	21.1	96	105	60-140	10	30
Chloroform	ug/L	ND	20	20	19.3	20.0	97	100	60-140	3	30
Chloromethane	ug/L	ND	20	20	20.2	19.0	100	94	60-140	6	30
cis-1,2-Dichloroethene	ug/L	ND	20	20	19.1	20.0	96	100	60-140	4	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	18.8	18.7	94	94	60-140	0	30
Dibromomethane	ug/L	ND	20	20	19.0	20.4	95	102	60-140	7	30
Dichlorodifluoromethane	ug/L	ND	20	20	20.7	22.1	104	110	60-140	6	30
Diisopropyl ether	ug/L	ND	20	20	16.7	17.4	84	87	60-140	4	30
Ethylbenzene	ug/L	ND	20	20	18.9	19.4	95	97	60-140	2	30
Hexachloro-1,3-butadiene	ug/L	ND	20	20	19.7	22.3	98	112	60-140	13	30
Isopropylbenzene (Cumene)	ug/L	ND	20	20	19.0	19.4	95	97	60-140	2	30
m&p-Xylene	ug/L	ND	40	40	37.7	38.8	94	97	60-140	3	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/5/21)

Pace Project No.: 92537159

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3255823	3255824								
Parameter	Units	92537153005	MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Max	Qual
		Result	Spike	Spike								
Methyl-tert-butyl ether	ug/L	ND	20	20	19.3	20.0	96	100	60-140	4	30	
Methylene Chloride	ug/L	ND	20	20	17.8	18.6	89	93	60-140	5	30	
n-Butylbenzene	ug/L	ND	20	20	16.7	18.1	83	91	60-140	8	30	
n-Propylbenzene	ug/L	ND	20	20	17.5	17.7	87	89	60-140	1	30	
Naphthalene	ug/L	ND	20	20	17.1	17.3	86	86	60-140	1	30	
o-Xylene	ug/L	ND	20	20	18.7	18.7	94	94	60-140	0	30	
sec-Butylbenzene	ug/L	ND	20	20	17.5	18.1	88	90	60-140	3	30	
Styrene	ug/L	ND	20	20	19.1	19.4	95	97	60-140	2	30	
tert-Butylbenzene	ug/L	ND	20	20	14.9	15.6	75	78	60-140	5	30	
Tetrachloroethene	ug/L	ND	20	20	19.1	19.7	96	99	60-140	3	30	
Toluene	ug/L	ND	20	20	19.4	19.7	97	98	60-140	1	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.8	20.9	99	104	60-140	5	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	17.6	18.1	88	91	60-140	3	30	
Trichloroethene	ug/L	ND	20	20	21.4	21.2	107	106	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	20.1	21.4	100	107	60-140	7	30	
Vinyl chloride	ug/L	ND	20	20	20.1	21.5	100	107	60-140	7	30	
1,2-Dichloroethane-d4 (S)	%						91	94	70-130			
4-Bromofluorobenzene (S)	%						99	99	70-130			
Toluene-d8 (S)	%						100	97	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/5/21)

Pace Project No.: 92537159

QC Batch: 618942

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92537159002, 92537159003, 92537159006, 92537159007, 92537159008

METHOD BLANK: 3256619

Matrix: Water

Associated Lab Samples: 92537159002, 92537159003, 92537159006, 92537159007, 92537159008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/07/21 12:12	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/07/21 12:12	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/07/21 12:12	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/07/21 12:12	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/07/21 12:12	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/07/21 12:12	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/07/21 12:12	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/07/21 12:12	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/07/21 12:12	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/07/21 12:12	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/07/21 12:12	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/07/21 12:12	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/07/21 12:12	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/07/21 12:12	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/07/21 12:12	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/07/21 12:12	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/07/21 12:12	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/07/21 12:12	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/07/21 12:12	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/07/21 12:12	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/07/21 12:12	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/07/21 12:12	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/07/21 12:12	
Benzene	ug/L	ND	0.50	0.34	05/07/21 12:12	
Bromobenzene	ug/L	ND	0.50	0.29	05/07/21 12:12	
Bromochloromethane	ug/L	ND	0.50	0.47	05/07/21 12:12	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/07/21 12:12	
Bromoform	ug/L	ND	0.50	0.34	05/07/21 12:12	
Bromomethane	ug/L	ND	5.0	1.7	05/07/21 12:12	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/07/21 12:12	
Chlorobenzene	ug/L	ND	0.50	0.28	05/07/21 12:12	
Chloroethane	ug/L	ND	1.0	0.65	05/07/21 12:12	
Chloroform	ug/L	ND	0.50	0.35	05/07/21 12:12	
Chloromethane	ug/L	ND	1.0	0.54	05/07/21 12:12	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/07/21 12:12	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/07/21 12:12	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/07/21 12:12	
Dibromomethane	ug/L	ND	0.50	0.39	05/07/21 12:12	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/07/21 12:12	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/07/21 12:12	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/5/21)

Pace Project No.: 92537159

METHOD BLANK: 3256619

Matrix: Water

Associated Lab Samples: 92537159002, 92537159003, 92537159006, 92537159007, 92537159008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/07/21 12:12	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/07/21 12:12	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/07/21 12:12	
m&p-Xylene	ug/L	ND	1.0	0.71	05/07/21 12:12	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/07/21 12:12	
Methylene Chloride	ug/L	ND	2.0	2.0	05/07/21 12:12	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/07/21 12:12	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/07/21 12:12	
Naphthalene	ug/L	ND	2.0	0.64	05/07/21 12:12	
o-Xylene	ug/L	ND	0.50	0.34	05/07/21 12:12	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/07/21 12:12	
Styrene	ug/L	ND	0.50	0.29	05/07/21 12:12	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/07/21 12:12	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/07/21 12:12	
Toluene	ug/L	ND	0.50	0.48	05/07/21 12:12	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/07/21 12:12	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/07/21 12:12	
Trichloroethene	ug/L	ND	0.50	0.38	05/07/21 12:12	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/07/21 12:12	
Vinyl chloride	ug/L	ND	1.0	0.39	05/07/21 12:12	
1,2-Dichloroethane-d4 (S)	%	101	70-130		05/07/21 12:12	
4-Bromofluorobenzene (S)	%	95	70-130		05/07/21 12:12	
Toluene-d8 (S)	%	103	70-130		05/07/21 12:12	

LABORATORY CONTROL SAMPLE: 3256620

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.6	101	60-140	
1,1,1-Trichloroethane	ug/L	50	54.3	109	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	53.9	108	60-140	
1,1,2-Trichloroethane	ug/L	50	52.1	104	60-140	
1,1-Dichloroethane	ug/L	50	61.5	123	60-140	
1,1-Dichloroethene	ug/L	50	63.2	126	60-140	
1,1-Dichloropropene	ug/L	50	58.8	118	60-140	
1,2,3-Trichlorobenzene	ug/L	50	38.1	76	60-140	
1,2,3-Trichloropropane	ug/L	50	52.6	105	60-140	
1,2,4-Trichlorobenzene	ug/L	50	40.4	81	60-140	
1,2,4-Trimethylbenzene	ug/L	50	51.0	102	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	53.1	106	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	55.9	112	60-140	
1,2-Dichlorobenzene	ug/L	50	47.0	94	60-140	
1,2-Dichloroethane	ug/L	50	47.1	94	60-140	
1,2-Dichloropropane	ug/L	50	60.5	121	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.2	100	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/5/21)

Pace Project No.: 92537159

LABORATORY CONTROL SAMPLE: 3256620

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	47.1	94	60-140	
1,3-Dichloropropane	ug/L	50	60.0	120	60-140	
1,4-Dichlorobenzene	ug/L	50	46.2	92	60-140	
2,2-Dichloropropane	ug/L	50	56.3	113	60-140	
2-Chlorotoluene	ug/L	50	53.5	107	60-140	
4-Chlorotoluene	ug/L	50	51.9	104	60-140	
Benzene	ug/L	50	56.1	112	60-140	
Bromobenzene	ug/L	50	52.0	104	60-140	
Bromochloromethane	ug/L	50	54.2	108	60-140	
Bromodichloromethane	ug/L	50	52.4	105	60-140	
Bromoform	ug/L	50	49.9	100	60-140	
Bromomethane	ug/L	50	46.0	92	60-140	
Carbon tetrachloride	ug/L	50	48.8	98	60-140	
Chlorobenzene	ug/L	50	52.5	105	60-140	
Chloroethane	ug/L	50	41.7	83	60-140	
Chloroform	ug/L	50	49.3	99	60-140	
Chloromethane	ug/L	50	67.8	136	60-140	
cis-1,2-Dichloroethene	ug/L	50	60.6	121	60-140	
cis-1,3-Dichloropropene	ug/L	50	56.7	113	60-140	
Dibromochloromethane	ug/L	50	55.9	112	60-140	
Dibromomethane	ug/L	50	48.7	97	60-140	
Dichlorodifluoromethane	ug/L	50	52.9	106	60-140	
Diisopropyl ether	ug/L	50	65.0	130	60-140	
Ethylbenzene	ug/L	50	52.7	105	60-140	
Hexachloro-1,3-butadiene	ug/L	50	44.6	89	60-140	
Isopropylbenzene (Cumene)	ug/L	50	49.4	99	60-140	
m&p-Xylene	ug/L	100	105	105	60-140	
Methyl-tert-butyl ether	ug/L	50	54.0	108	60-140	
Methylene Chloride	ug/L	50	59.8	120	60-140	
n-Butylbenzene	ug/L	50	48.4	97	60-140	
n-Propylbenzene	ug/L	50	51.8	104	60-140	
Naphthalene	ug/L	50	41.3	83	60-140	
o-Xylene	ug/L	50	50.4	101	60-140	
sec-Butylbenzene	ug/L	50	47.5	95	60-140	
Styrene	ug/L	50	53.6	107	60-140	
tert-Butylbenzene	ug/L	50	41.0	82	60-140	
Tetrachloroethene	ug/L	50	51.9	104	60-140	
Toluene	ug/L	50	51.9	104	60-140	
trans-1,2-Dichloroethene	ug/L	50	63.5	127	60-140	
trans-1,3-Dichloropropene	ug/L	50	54.0	108	60-140	
Trichloroethene	ug/L	50	49.8	100	60-140	
Trichlorofluoromethane	ug/L	50	40.1	80	60-140	
Vinyl chloride	ug/L	50	65.6	131	60-140	
1,2-Dichloroethane-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/5/21)

Pace Project No.: 92537159

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3256621				3256622									
Parameter	Units	92537466001	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.7	21.7	98	108	60-140	10	30		
1,1,1-Trichloroethane	ug/L	ND	20	20	22.1	23.4	110	117	60-140	6	30		
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	21.1	23.3	106	117	60-140	10	30		
1,1,2-Trichloroethane	ug/L	ND	20	20	20.5	23.0	103	115	60-140	12	30		
1,1-Dichloroethane	ug/L	ND	20	20	24.3	25.8	121	129	60-140	6	30		
1,1-Dichloroethene	ug/L	ND	20	20	24.8	28.0	124	140	60-140	12	30		
1,1-Dichloropropene	ug/L	ND	20	20	23.8	25.0	119	125	60-140	5	30		
1,2,3-Trichlorobenzene	ug/L	ND	20	20	15.3	16.5	77	83	60-140	7	30		
1,2,3-Trichloropropane	ug/L	ND	20	20	20.8	22.5	104	113	60-140	8	30		
1,2,4-Trichlorobenzene	ug/L	ND	20	20	15.7	17.3	79	87	60-140	10	30		
1,2,4-Trimethylbenzene	ug/L	ND	20	20	21.3	21.8	104	106	60-140	2	30		
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.4	21.6	97	108	60-140	11	30		
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.1	24.1	110	121	60-140	9	30		
1,2-Dichlorobenzene	ug/L	ND	20	20	17.5	19.0	88	95	60-140	8	30		
1,2-Dichloroethane	ug/L	ND	20	20	18.9	19.8	95	99	60-140	4	30		
1,2-Dichloropropane	ug/L	ND	20	20	24.0	26.3	120	132	60-140	9	30		
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.3	21.6	101	108	60-140	6	30		
1,3-Dichlorobenzene	ug/L	ND	20	20	17.8	19.2	89	96	60-140	7	30		
1,3-Dichloropropane	ug/L	ND	20	20	23.9	26.1	120	130	60-140	9	30		
1,4-Dichlorobenzene	ug/L	ND	20	20	17.8	19.2	89	96	60-140	8	30		
2,2-Dichloropropane	ug/L	ND	20	20	21.2	22.7	106	113	60-140	7	30		
2-Chlorotoluene	ug/L	ND	20	20	20.5	22.1	102	111	60-140	8	30		
4-Chlorotoluene	ug/L	ND	20	20	19.8	21.3	99	106	60-140	7	30		
Benzene	ug/L	ND	20	20	22.4	23.6	112	118	60-140	5	30		
Bromobenzene	ug/L	ND	20	20	20.5	21.8	103	109	60-140	6	30		
Bromochloromethane	ug/L	ND	20	20	21.1	23.2	105	116	60-140	9	30		
Bromodichloromethane	ug/L	ND	20	20	20.4	22.7	102	113	60-140	10	30		
Bromoform	ug/L	ND	20	20	18.1	20.7	90	103	60-140	13	30		
Bromomethane	ug/L	ND	20	20	19.1	20.8	96	104	60-140	8	30		
Carbon tetrachloride	ug/L	ND	20	20	19.5	20.4	97	102	60-140	5	30		
Chlorobenzene	ug/L	ND	20	20	20.7	22.8	104	114	60-140	10	30		
Chloroethane	ug/L	ND	20	20	18.9	20.6	95	103	60-140	9	30		
Chloroform	ug/L	ND	20	20	19.7	21.3	99	106	60-140	8	30		
Chloromethane	ug/L	ND	20	20	23.0	27.1	115	135	60-140	16	30		
cis-1,2-Dichloroethene	ug/L	ND	20	20	24.2	25.7	121	128	60-140	6	30		
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.6	24.0	108	120	60-140	11	30		
Dibromochloromethane	ug/L	ND	20	20	21.4	23.3	107	116	60-140	8	30		
Dibromomethane	ug/L	ND	20	20	19.6	21.7	98	108	60-140	10	30		
Dichlorodifluoromethane	ug/L	ND	20	20	14.5	16.6	73	83	60-140	13	30		
Diisopropyl ether	ug/L	ND	20	20	24.9	26.6	124	133	60-140	7	30		
Ethylbenzene	ug/L	ND	20	20	21.4	23.3	105	115	60-140	8	30		
Hexachloro-1,3-butadiene	ug/L	ND	20	20	18.1	19.6	90	98	60-140	8	30		
Isopropylbenzene (Cumene)	ug/L	ND	20	20	19.4	21.2	97	106	60-140	9	30		
m&p-Xylene	ug/L	ND	40	40	42.1	46.2	103	113	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/5/21)

Pace Project No.: 92537159

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3256621				3256622									
Parameter	Units	92537466001	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	22.6	103	113	60-140	9	30		
Methylene Chloride	ug/L	ND	20	20	23.3	25.4	117	127	60-140	8	30		
n-Butylbenzene	ug/L	ND	20	20	18.4	19.6	92	98	60-140	6	30		
n-Propylbenzene	ug/L	ND	20	20	20.2	21.8	101	109	60-140	7	30		
Naphthalene	ug/L	ND	20	20	28.2	20.7	139	101	60-140	31	30	R1	
o-Xylene	ug/L	1.1	20	20	20.9	22.7	99	108	60-140	8	30		
sec-Butylbenzene	ug/L	ND	20	20	18.8	20.1	94	100	60-140	7	30		
Styrene	ug/L	ND	20	20	20.2	22.0	101	110	60-140	9	30		
tert-Butylbenzene	ug/L	ND	20	20	16.3	17.6	82	88	60-140	8	30		
Tetrachloroethene	ug/L	ND	20	20	20.0	21.6	100	108	60-140	7	30		
Toluene	ug/L	0.68	20	20	21.3	23.9	103	116	60-140	12	30		
trans-1,2-Dichloroethene	ug/L	ND	20	20	24.3	26.5	121	132	60-140	9	30		
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.1	22.9	101	114	60-140	13	30		
Trichloroethene	ug/L	ND	20	20	19.7	21.9	98	110	60-140	11	30		
Trichlorofluoromethane	ug/L	ND	20	20	18.0	19.8	90	99	60-140	9	30		
Vinyl chloride	ug/L	ND	20	20	23.9	27.6	120	138	60-140	14	30		
1,2-Dichloroethane-d4 (S)	%						102	104	70-130				
4-Bromofluorobenzene (S)	%						99	99	70-130				
Toluene-d8 (S)	%						98	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: CPC Huntersville (5/5/21)

Pace Project No.: 92537159

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.

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville (5/5/21)

Pace Project No.: 92537159

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92537159001	MW-34	MADEP VPH	618990		
92537159002	MW-56	MADEP VPH	618990		
92537159003	MW-57	MADEP VPH	618990		
92537159006	EB-1-20210505	MADEP VPH	618990		
92537159007	DUP-1-20210505	MADEP VPH	618990		
92537159001	MW-34	EPA 3010A	619219	EPA 6010D	619269
92537159002	MW-56	EPA 3010A	619219	EPA 6010D	619269
92537159003	MW-57	EPA 3010A	619219	EPA 6010D	619269
92537159006	EB-1-20210505	EPA 3010A	619219	EPA 6010D	619269
92537159007	DUP-1-20210505	EPA 3010A	619219	EPA 6010D	619269
92537159001	MW-34	SM 6200B	618788		
92537159002	MW-56	SM 6200B	618942		
92537159003	MW-57	SM 6200B	618942		
92537159006	EB-1-20210505	SM 6200B	618942		
92537159007	DUP-1-20210505	SM 6200B	618942		
92537159008	Trip Blank	SM 6200B	618942		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☒ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition
Upon Receipt

Client Name:

ABCOM

Project #:

WO#: 92537159

Courier:

☐ Commercial

☐ Fed Ex

☐ UPS

☐ USPS

☒ Client

☐ Pace

☐ Other:



92537159

Custody Seal Present?

☐ Yes

☒ No

Seals Intact?

☐ Yes

☒ No

Date/Initials Person Examining Contents:

5/6/21 UC

Packing Material:

☐ Bubble Wrap

☒ Bubble Bags

☐ None

☐ Other

Biological Tissue Frozen?

☐ Yes

☐ No

☒ N/A

Thermometer:

☒ IR Gun ID:

921064

Type of Ice:

☒ Wet

☐ Blue

☐ None

Cooler Temp:

1.2

Correction Factor:

Add/Subtract (°C)

0.0°C

Temp should be above freezing to 6°C

☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C):

1.2

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: 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:

*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# : 92537159

PM: NMG Due Date: 05/12/21
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													
2																7													
3																7													
4																7													
5																7													
6																7													
7																2													
8																2													
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.

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS			
	Emily R. Jove / AE (OM)		5/5/2021	1705	Eg. HVL		5/5/21	1705	12	X	N	Y
SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER: Emily Love SIGNATURE of SAMPLER: Emily R. Jove DATE Signed: 5/5/2021												
TEMP in C Received on (Y/N) Custody Sealed Cooler (Y/N) Samples Intact (Y/N)												

May 14, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC Huntersville (5/6/21)-Revised Report
Pace Project No.: 92537466

Dear Andrew Wreschnig:

Enclosed are the analytical results for sample(s) received by the laboratory on May 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 - Asheville
- Pace Analytical Services - Charlotte

This revision was issued on 5/14/21 to update the reporting properties, per client request.

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

Sincerely,



Nicole Gasiorowski
nicole.gasiorowski@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: 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 (5/6/21)-Revised Report

Pace Project No.: 92537466

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: CPC Huntersville (5/6/21)-Revised Report

Pace Project No.: 92537466

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92537466001	MW-62D	Water	05/06/21 10:35	05/06/21 17:20
92537466002	Trip Blank	Water	05/06/21 00:00	05/06/21 17:20

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: CPC Huntersville (5/6/21)-Revised Report

Pace Project No.: 92537466

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92537466001	MW-62D	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92537466002	Trip Blank	SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)-Revised Report

Pace Project No.: 92537466

Sample: MW-62D Lab ID: 92537466001 Collected: 05/06/21 10:35 Received: 05/06/21 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		05/07/21 14:41		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/07/21 14:41		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/07/21 14:41		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/07/21 14:41		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/07/21 14:41		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		05/07/21 14:41	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		05/07/21 14:41	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	05/10/21 08:20	05/11/21 00:22	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/07/21 14:00	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/07/21 14:00	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/07/21 14:00	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/07/21 14:00	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/07/21 14:00	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/07/21 14:00	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/07/21 14:00	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/07/21 14:00	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/07/21 14:00	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/07/21 14:00	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/07/21 14:00	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/07/21 14:00	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/07/21 14:00	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/07/21 14:00	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 14:00	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 14:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/07/21 14:00	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/07/21 14:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/07/21 14:00	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/07/21 14:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 14:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 14:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/07/21 14:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/07/21 14:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/07/21 14:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 14:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/07/21 14:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 14:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/07/21 14:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/07/21 14:00	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)-Revised Report

Pace Project No.: 92537466

Sample: MW-62D		Lab ID: 92537466001		Collected: 05/06/21 10:35		Received: 05/06/21 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							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/07/21 14:00	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/07/21 14:00	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/07/21 14:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 14:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 14:00	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/07/21 14:00	108-20-3	
Ethylbenzene	0.39J	ug/L	0.50	0.30	1		05/07/21 14:00	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/07/21 14:00	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/07/21 14:00	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/07/21 14:00	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/07/21 14:00	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/07/21 14:00	91-20-3	R1
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/07/21 14:00	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/07/21 14:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/07/21 14:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/07/21 14:00	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/07/21 14:00	127-18-4	
Toluene	0.68	ug/L	0.50	0.48	1		05/07/21 14:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/07/21 14:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/07/21 14:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/07/21 14:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 14:00	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 14:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/07/21 14:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/07/21 14:00	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/07/21 14:00	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/07/21 14:00	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/07/21 14:00	75-01-4	
m&p-Xylene	0.89J	ug/L	1.0	0.71	1		05/07/21 14:00	179601-23-1	
o-Xylene	1.1	ug/L	0.50	0.34	1		05/07/21 14:00	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		05/07/21 14:00	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		05/07/21 14:00	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/07/21 14:00	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)-Revised Report

Pace Project No.: 92537466

Sample: Trip Blank		Lab ID: 92537466002		Collected: 05/06/21 00:00		Received: 05/06/21 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							
Benzene	ND	ug/L	0.50	0.34	1		05/07/21 12:30	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/07/21 12:30	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/07/21 12:30	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/07/21 12:30	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/07/21 12:30	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/07/21 12:30	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/07/21 12:30	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/07/21 12:30	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/07/21 12:30	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/07/21 12:30	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/07/21 12:30	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/07/21 12:30	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/07/21 12:30	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/07/21 12:30	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 12:30	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 12:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/07/21 12:30	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/07/21 12:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/07/21 12:30	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/07/21 12:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 12:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 12:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/07/21 12:30	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/07/21 12:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/07/21 12:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 12:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/07/21 12:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 12:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/07/21 12:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/07/21 12:30	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/07/21 12:30	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/07/21 12:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/07/21 12:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 12:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 12:30	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/07/21 12:30	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/07/21 12:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/07/21 12:30	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/07/21 12:30	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/07/21 12:30	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/07/21 12:30	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/07/21 12:30	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/07/21 12:30	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/07/21 12:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/07/21 12:30	630-20-6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)-Revised Report

Pace Project No.: 92537466

Sample: Trip Blank		Lab ID: 92537466002		Collected: 05/06/21 00:00		Received: 05/06/21 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							
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/07/21 12:30	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/07/21 12:30	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/07/21 12:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/07/21 12:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/07/21 12:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/07/21 12:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 12:30	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 12:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/07/21 12:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/07/21 12:30	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/07/21 12:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/07/21 12:30	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/07/21 12:30	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/07/21 12:30	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/07/21 12:30	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		05/07/21 12:30	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		05/07/21 12:30	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/07/21 12:30	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)-Revised Report

Pace Project No.: 92537466

QC Batch:	618990	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92537466001

METHOD BLANK: 3256936 Matrix: Water

Associated Lab Samples: 92537466001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/07/21 13:44	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/07/21 13:44	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/07/21 13:44	N2
4-Bromofluorobenzene (FID) (S)	%	99	70-130		05/07/21 13:44	
4-Bromofluorobenzene (PID) (S)	%	102	70-130		05/07/21 13:44	

LABORATORY CONTROL SAMPLE & LCSD: 3256937

LABORATORY CONTROL SAMPLE & LCSD: 3256937			3256938							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	315	323	105	108	70-130	2	25	N2
Aliphatic (C09-C12)	ug/L	300	340	336	113	112	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	109	109	109	109	70-130	0	25	N2
4-Bromofluorobenzene (FID) (S)	%				104	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				104	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)-Revised Report

Pace Project No.: 92537466

QC Batch:	619218	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3010A	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Asheville

Associated Lab Samples: 92537466001

METHOD BLANK: 3257918 Matrix: Water

Associated Lab Samples: 92537466001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	05/11/21 00:16	

LABORATORY CONTROL SAMPLE: 3257919

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	409	82	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3257920 3257921

Parameter	Units	92537466001 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	451	481	90	96	75-125	7	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)-Revised Report

Pace Project No.: 92537466

QC Batch: 618942

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92537466001, 92537466002

METHOD BLANK: 3256619

Matrix: Water

Associated Lab Samples: 92537466001, 92537466002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/07/21 12:12	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/07/21 12:12	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/07/21 12:12	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/07/21 12:12	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/07/21 12:12	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/07/21 12:12	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/07/21 12:12	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/07/21 12:12	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/07/21 12:12	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/07/21 12:12	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/07/21 12:12	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/07/21 12:12	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/07/21 12:12	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/07/21 12:12	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/07/21 12:12	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/07/21 12:12	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/07/21 12:12	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/07/21 12:12	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/07/21 12:12	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/07/21 12:12	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/07/21 12:12	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/07/21 12:12	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/07/21 12:12	
Benzene	ug/L	ND	0.50	0.34	05/07/21 12:12	
Bromobenzene	ug/L	ND	0.50	0.29	05/07/21 12:12	
Bromochloromethane	ug/L	ND	0.50	0.47	05/07/21 12:12	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/07/21 12:12	
Bromoform	ug/L	ND	0.50	0.34	05/07/21 12:12	
Bromomethane	ug/L	ND	5.0	1.7	05/07/21 12:12	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/07/21 12:12	
Chlorobenzene	ug/L	ND	0.50	0.28	05/07/21 12:12	
Chloroethane	ug/L	ND	1.0	0.65	05/07/21 12:12	
Chloroform	ug/L	ND	0.50	0.35	05/07/21 12:12	
Chloromethane	ug/L	ND	1.0	0.54	05/07/21 12:12	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/07/21 12:12	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/07/21 12:12	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/07/21 12:12	
Dibromomethane	ug/L	ND	0.50	0.39	05/07/21 12:12	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/07/21 12:12	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/07/21 12:12	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)-Revised Report

Pace Project No.: 92537466

METHOD BLANK: 3256619

Matrix: Water

Associated Lab Samples: 92537466001, 92537466002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/07/21 12:12	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/07/21 12:12	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/07/21 12:12	
m&p-Xylene	ug/L	ND	1.0	0.71	05/07/21 12:12	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/07/21 12:12	
Methylene Chloride	ug/L	ND	2.0	2.0	05/07/21 12:12	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/07/21 12:12	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/07/21 12:12	
Naphthalene	ug/L	ND	2.0	0.64	05/07/21 12:12	
o-Xylene	ug/L	ND	0.50	0.34	05/07/21 12:12	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/07/21 12:12	
Styrene	ug/L	ND	0.50	0.29	05/07/21 12:12	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/07/21 12:12	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/07/21 12:12	
Toluene	ug/L	ND	0.50	0.48	05/07/21 12:12	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/07/21 12:12	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/07/21 12:12	
Trichloroethene	ug/L	ND	0.50	0.38	05/07/21 12:12	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/07/21 12:12	
Vinyl chloride	ug/L	ND	1.0	0.39	05/07/21 12:12	
1,2-Dichloroethane-d4 (S)	%	101	70-130		05/07/21 12:12	
4-Bromofluorobenzene (S)	%	95	70-130		05/07/21 12:12	
Toluene-d8 (S)	%	103	70-130		05/07/21 12:12	

LABORATORY CONTROL SAMPLE: 3256620

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.6	101	60-140	
1,1,1-Trichloroethane	ug/L	50	54.3	109	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	53.9	108	60-140	
1,1,2-Trichloroethane	ug/L	50	52.1	104	60-140	
1,1-Dichloroethane	ug/L	50	61.5	123	60-140	
1,1-Dichloroethene	ug/L	50	63.2	126	60-140	
1,1-Dichloropropene	ug/L	50	58.8	118	60-140	
1,2,3-Trichlorobenzene	ug/L	50	38.1	76	60-140	
1,2,3-Trichloropropane	ug/L	50	52.6	105	60-140	
1,2,4-Trichlorobenzene	ug/L	50	40.4	81	60-140	
1,2,4-Trimethylbenzene	ug/L	50	51.0	102	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	53.1	106	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	55.9	112	60-140	
1,2-Dichlorobenzene	ug/L	50	47.0	94	60-140	
1,2-Dichloroethane	ug/L	50	47.1	94	60-140	
1,2-Dichloropropane	ug/L	50	60.5	121	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.2	100	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)-Revised Report

Pace Project No.: 92537466

LABORATORY CONTROL SAMPLE: 3256620

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	47.1	94	60-140	
1,3-Dichloropropane	ug/L	50	60.0	120	60-140	
1,4-Dichlorobenzene	ug/L	50	46.2	92	60-140	
2,2-Dichloropropane	ug/L	50	56.3	113	60-140	
2-Chlorotoluene	ug/L	50	53.5	107	60-140	
4-Chlorotoluene	ug/L	50	51.9	104	60-140	
Benzene	ug/L	50	56.1	112	60-140	
Bromobenzene	ug/L	50	52.0	104	60-140	
Bromochloromethane	ug/L	50	54.2	108	60-140	
Bromodichloromethane	ug/L	50	52.4	105	60-140	
Bromoform	ug/L	50	49.9	100	60-140	
Bromomethane	ug/L	50	46.0	92	60-140	
Carbon tetrachloride	ug/L	50	48.8	98	60-140	
Chlorobenzene	ug/L	50	52.5	105	60-140	
Chloroethane	ug/L	50	41.7	83	60-140	
Chloroform	ug/L	50	49.3	99	60-140	
Chloromethane	ug/L	50	67.8	136	60-140	
cis-1,2-Dichloroethene	ug/L	50	60.6	121	60-140	
cis-1,3-Dichloropropene	ug/L	50	56.7	113	60-140	
Dibromochloromethane	ug/L	50	55.9	112	60-140	
Dibromomethane	ug/L	50	48.7	97	60-140	
Dichlorodifluoromethane	ug/L	50	52.9	106	60-140	
Diisopropyl ether	ug/L	50	65.0	130	60-140	
Ethylbenzene	ug/L	50	52.7	105	60-140	
Hexachloro-1,3-butadiene	ug/L	50	44.6	89	60-140	
Isopropylbenzene (Cumene)	ug/L	50	49.4	99	60-140	
m&p-Xylene	ug/L	100	105	105	60-140	
Methyl-tert-butyl ether	ug/L	50	54.0	108	60-140	
Methylene Chloride	ug/L	50	59.8	120	60-140	
n-Butylbenzene	ug/L	50	48.4	97	60-140	
n-Propylbenzene	ug/L	50	51.8	104	60-140	
Naphthalene	ug/L	50	41.3	83	60-140	
o-Xylene	ug/L	50	50.4	101	60-140	
sec-Butylbenzene	ug/L	50	47.5	95	60-140	
Styrene	ug/L	50	53.6	107	60-140	
tert-Butylbenzene	ug/L	50	41.0	82	60-140	
Tetrachloroethene	ug/L	50	51.9	104	60-140	
Toluene	ug/L	50	51.9	104	60-140	
trans-1,2-Dichloroethene	ug/L	50	63.5	127	60-140	
trans-1,3-Dichloropropene	ug/L	50	54.0	108	60-140	
Trichloroethene	ug/L	50	49.8	100	60-140	
Trichlorofluoromethane	ug/L	50	40.1	80	60-140	
Vinyl chloride	ug/L	50	65.6	131	60-140	
1,2-Dichloroethane-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)-Revised Report

Pace Project No.: 92537466

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3256621 3256622											
Parameter	Units	92537466001 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	19.7	21.7	98	108	60-140	10	30
1,1,1-Trichloroethane	ug/L	ND	20	20	22.1	23.4	110	117	60-140	6	30
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	21.1	23.3	106	117	60-140	10	30
1,1,2-Trichloroethane	ug/L	ND	20	20	20.5	23.0	103	115	60-140	12	30
1,1-Dichloroethane	ug/L	ND	20	20	24.3	25.8	121	129	60-140	6	30
1,1-Dichloroethene	ug/L	ND	20	20	24.8	28.0	124	140	60-140	12	30
1,1-Dichloropropene	ug/L	ND	20	20	23.8	25.0	119	125	60-140	5	30
1,2,3-Trichlorobenzene	ug/L	ND	20	20	15.3	16.5	77	83	60-140	7	30
1,2,3-Trichloropropane	ug/L	ND	20	20	20.8	22.5	104	113	60-140	8	30
1,2,4-Trichlorobenzene	ug/L	ND	20	20	15.7	17.3	79	87	60-140	10	30
1,2,4-Trimethylbenzene	ug/L	ND	20	20	21.3	21.8	104	106	60-140	2	30
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.4	21.6	97	108	60-140	11	30
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.1	24.1	110	121	60-140	9	30
1,2-Dichlorobenzene	ug/L	ND	20	20	17.5	19.0	88	95	60-140	8	30
1,2-Dichloroethane	ug/L	ND	20	20	18.9	19.8	95	99	60-140	4	30
1,2-Dichloropropane	ug/L	ND	20	20	24.0	26.3	120	132	60-140	9	30
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.3	21.6	101	108	60-140	6	30
1,3-Dichlorobenzene	ug/L	ND	20	20	17.8	19.2	89	96	60-140	7	30
1,3-Dichloropropane	ug/L	ND	20	20	23.9	26.1	120	130	60-140	9	30
1,4-Dichlorobenzene	ug/L	ND	20	20	17.8	19.2	89	96	60-140	8	30
2,2-Dichloropropane	ug/L	ND	20	20	21.2	22.7	106	113	60-140	7	30
2-Chlorotoluene	ug/L	ND	20	20	20.5	22.1	102	111	60-140	8	30
4-Chlorotoluene	ug/L	ND	20	20	19.8	21.3	99	106	60-140	7	30
Benzene	ug/L	ND	20	20	22.4	23.6	112	118	60-140	5	30
Bromobenzene	ug/L	ND	20	20	20.5	21.8	103	109	60-140	6	30
Bromochloromethane	ug/L	ND	20	20	21.1	23.2	105	116	60-140	9	30
Bromodichloromethane	ug/L	ND	20	20	20.4	22.7	102	113	60-140	10	30
Bromoform	ug/L	ND	20	20	18.1	20.7	90	103	60-140	13	30
Bromomethane	ug/L	ND	20	20	19.1	20.8	96	104	60-140	8	30
Carbon tetrachloride	ug/L	ND	20	20	19.5	20.4	97	102	60-140	5	30
Chlorobenzene	ug/L	ND	20	20	20.7	22.8	104	114	60-140	10	30
Chloroethane	ug/L	ND	20	20	18.9	20.6	95	103	60-140	9	30
Chloroform	ug/L	ND	20	20	19.7	21.3	99	106	60-140	8	30
Chloromethane	ug/L	ND	20	20	23.0	27.1	115	135	60-140	16	30
cis-1,2-Dichloroethene	ug/L	ND	20	20	24.2	25.7	121	128	60-140	6	30
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.6	24.0	108	120	60-140	11	30
Dibromochloromethane	ug/L	ND	20	20	21.4	23.3	107	116	60-140	8	30
Dibromomethane	ug/L	ND	20	20	19.6	21.7	98	108	60-140	10	30
Dichlorodifluoromethane	ug/L	ND	20	20	14.5	16.6	73	83	60-140	13	30
Diisopropyl ether	ug/L	ND	20	20	24.9	26.6	124	133	60-140	7	30
Ethylbenzene	ug/L	0.39J	20	20	21.4	23.3	105	115	60-140	8	30
Hexachloro-1,3-butadiene	ug/L	ND	20	20	18.1	19.6	90	98	60-140	8	30
Isopropylbenzene (Cumene)	ug/L	ND	20	20	19.4	21.2	97	106	60-140	9	30
m&p-Xylene	ug/L	0.89J	40	40	42.1	46.2	103	113	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)-Revised Report

Pace Project No.: 92537466

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3256621				3256622									
Parameter	Units	92537466001	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	22.6	103	113	60-140	9	30		
Methylene Chloride	ug/L	ND	20	20	23.3	25.4	117	127	60-140	8	30		
n-Butylbenzene	ug/L	ND	20	20	18.4	19.6	92	98	60-140	6	30		
n-Propylbenzene	ug/L	ND	20	20	20.2	21.8	101	109	60-140	7	30		
Naphthalene	ug/L	ND	20	20	28.2	20.7	139	101	60-140	31	30	R1	
o-Xylene	ug/L	1.1	20	20	20.9	22.7	99	108	60-140	8	30		
sec-Butylbenzene	ug/L	ND	20	20	18.8	20.1	94	100	60-140	7	30		
Styrene	ug/L	ND	20	20	20.2	22.0	101	110	60-140	9	30		
tert-Butylbenzene	ug/L	ND	20	20	16.3	17.6	82	88	60-140	8	30		
Tetrachloroethene	ug/L	ND	20	20	20.0	21.6	100	108	60-140	7	30		
Toluene	ug/L	0.68	20	20	21.3	23.9	103	116	60-140	12	30		
trans-1,2-Dichloroethene	ug/L	ND	20	20	24.3	26.5	121	132	60-140	9	30		
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.1	22.9	101	114	60-140	13	30		
Trichloroethene	ug/L	ND	20	20	19.7	21.9	98	110	60-140	11	30		
Trichlorofluoromethane	ug/L	ND	20	20	18.0	19.8	90	99	60-140	9	30		
Vinyl chloride	ug/L	ND	20	20	23.9	27.6	120	138	60-140	14	30		
1,2-Dichloroethane-d4 (S)	%						102	104	70-130				
4-Bromofluorobenzene (S)	%						99	99	70-130				
Toluene-d8 (S)	%						98	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: CPC Huntersville (5/6/21)-Revised Report

Pace Project No.: 92537466

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.

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville (5/6/21)-Revised Report

Pace Project No.: 92537466

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92537466001	MW-62D	MADEP VPH	618990		
92537466001	MW-62D	EPA 3010A	619218	EPA 6010D	619267
92537466001	MW-62D	SM 6200B	618942		
92537466002	Trip Blank	SM 6200B	618942		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

	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

Client Name:

AECOM

Project #

W0# : 92537466

☐ Courier
☐ Commercial
☐ Fed Ex
☐ Pace
☐ UPS
☐ USPS
☐ Other: _____
☒ Client



Custody Seal Present? ☐ Yes ☒ No
 Seals Intact? ☐ Yes ☒ No

Date/Initials Person Examining Contents: JS 5-6-21

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:

2.3

Correction Factor:

Add/Subtract (°C) 0.0°C

Temp should be above freezing to 6°C

☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C):

2.3

USDA Regulated Soil (☒ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?

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

Proje

WO# : 92537466

PM: NMG

Due Date: 05/13/21

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												
2																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.

Pink

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

[illegible][illegible]

May 17, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC Huntersville (5/6/21)
Pace Project No.: 92537489

Dear Andrew Wreschnig:

Enclosed are the analytical results for sample(s) received by the laboratory on May 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 - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,



Nicole Gasiorowski
nicole.gasiorowski@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: 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 (5/6/21)

Pace Project No.: 92537489

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92537489001	MW-01	Water	05/06/21 14:10	05/06/21 17:20
92537489002	MW-03	Water	05/06/21 15:10	05/06/21 17:20
92537489003	MW-05	Water	05/06/21 12:30	05/06/21 17:20
92537489004	MW-07	Water	05/06/21 12:15	05/06/21 17:20
92537489005	MW-20	Water	05/06/21 14:00	05/06/21 17:20
92537489006	MW-25	Water	05/06/21 12:20	05/06/21 17:20
92537489007	MW-27	Water	05/06/21 10:50	05/06/21 17:20
92537489008	MW-32	Water	05/06/21 11:50	05/06/21 17:20
92537489009	MW-33	Water	05/06/21 10:25	05/06/21 17:20
92537489010	MW-35	Water	05/06/21 14:00	05/06/21 17:20
92537489011	MW-36	Water	05/06/21 10:30	05/06/21 17:20
92537489012	MW-36DR	Water	05/06/21 14:43	05/06/21 17:20
92537489013	MW-38	Water	05/06/21 16:00	05/06/21 17:20
92537489014	MW-53	Water	05/06/21 12:20	05/06/21 17:20
92537489015	MW-54	Water	05/06/21 13:40	05/06/21 17:20
92537489016	MW-63	Water	05/06/21 09:05	05/06/21 17:20
92537489017	MW-87	Water	05/06/21 14:50	05/06/21 17:20
92537489018	MW-88	Water	05/06/21 11:50	05/06/21 17:20
92537489019	MW-89	Water	05/06/21 09:34	05/06/21 17:20
92537489020	EB-1-20210506	Water	05/06/21 16:30	05/06/21 17:20
92537489021	DUP-1-20210506	Water	05/06/21 00:00	05/06/21 17:20
92537489022	FB-1-20210506	Water	05/06/21 16:45	05/06/21 17:20
92537489023	Trip Blank	Water	05/06/21 00:00	05/06/21 17:20
92537489024	MW-06	Water	05/06/21 16:05	05/06/21 17:20

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92537489001	MW-01	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92537489002	MW-03	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92537489003	MW-05	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92537489004	MW-07	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92537489005	MW-20	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92537489006	MW-25	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92537489007	MW-27	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92537489008	MW-32	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92537489009	MW-33	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92537489010	MW-35	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92537489011	MW-36	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92537489012	MW-36DR	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92537489013	MW-38	MADEP VPH	LMB	7	PASI-C

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92537489014	MW-53	EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
		MADEP VPH	LMB	7	PASI-C
92537489015	MW-54	EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
		MADEP VPH	LMB	7	PASI-C
92537489016	MW-63	EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
		MADEP VPH	LMB	7	PASI-C
92537489017	MW-87	EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
		MADEP VPH	LMB	7	PASI-C
92537489018	MW-88	EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
		MADEP VPH	LMB	7	PASI-C
92537489019	MW-89	EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
		MADEP VPH	LMB	7	PASI-C
92537489020	EB-1-20210506	EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
		MADEP VPH	LMB	7	PASI-C
92537489021	DUP-1-20210506	EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
		MADEP VPH	LMB	7	PASI-C
92537489022	FB-1-20210506	EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
		MADEP VPH	LMB	7	PASI-C
92537489023	Trip Blank	SM 6200B	SAS	63	PASI-C
		SM 6200B	SAS	63	PASI-C
92537489024	MW-06	MADEP VPH	LMB	7	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-01 Lab ID: 92537489001 Collected: 05/06/21 14:10 Received: 05/06/21 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		05/09/21 18:37		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/09/21 18:37		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/09/21 18:37		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/09/21 18:37		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/09/21 18:37		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	105	%	70-130		1		05/09/21 18:37	460-00-4	
4-Bromofluorobenzene (PID) (S)	105	%	70-130		1		05/09/21 18:37	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	7.2	ug/L	5.0	4.5	1	05/12/21 12:22	05/12/21 20:26	7439-92-1	BC
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/08/21 04:46	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/08/21 04:46	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/08/21 04:46	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/08/21 04:46	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/08/21 04:46	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/08/21 04:46	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/08/21 04:46	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/08/21 04:46	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/08/21 04:46	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/08/21 04:46	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/08/21 04:46	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/08/21 04:46	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/08/21 04:46	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/08/21 04:46	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/08/21 04:46	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/08/21 04:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/08/21 04:46	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/08/21 04:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/08/21 04:46	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/08/21 04:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/08/21 04:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/08/21 04:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/08/21 04:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/08/21 04:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/08/21 04:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/08/21 04:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/08/21 04:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/08/21 04:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/08/21 04:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/08/21 04:46	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-01		Lab ID: 92537489001		Collected: 05/06/21 14:10		Received: 05/06/21 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							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/08/21 04:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/08/21 04:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/08/21 04:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/08/21 04:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/08/21 04:46	10061-02-6	
Diisopropyl ether	0.35J	ug/L	0.50	0.31	1		05/08/21 04:46	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/08/21 04:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/08/21 04:46	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/08/21 04:46	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/08/21 04:46	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/08/21 04:46	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/08/21 04:46	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/08/21 04:46	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/08/21 04:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/08/21 04:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/08/21 04:46	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/08/21 04:46	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/08/21 04:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/08/21 04:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/08/21 04:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/08/21 04:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/08/21 04:46	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/08/21 04:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/08/21 04:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/08/21 04:46	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/08/21 04:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/08/21 04:46	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/08/21 04:46	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/08/21 04:46	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/08/21 04:46	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		05/08/21 04:46	17060-07-0	
4-Bromofluorobenzene (S)	102	%	70-130		1		05/08/21 04:46	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/08/21 04:46	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-03		Lab ID: 92537489002		Collected: 05/06/21 15:10		Received: 05/06/21 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		05/09/21 19:05		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/09/21 19:05		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/09/21 19:05		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/09/21 19:05		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/09/21 19:05		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1		05/09/21 19:05	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		05/09/21 19:05	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	05/12/21 12:22	05/12/21 20:11	7439-92-1	BC
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	0.34	1		05/08/21 04:28	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/08/21 04:28	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/08/21 04:28	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/08/21 04:28	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/08/21 04:28	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/08/21 04:28	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/08/21 04:28	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/08/21 04:28	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/08/21 04:28	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/08/21 04:28	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/08/21 04:28	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/08/21 04:28	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/08/21 04:28	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/08/21 04:28	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/08/21 04:28	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/08/21 04:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/08/21 04:28	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/08/21 04:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/08/21 04:28	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/08/21 04:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/08/21 04:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/08/21 04:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/08/21 04:28	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/08/21 04:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/08/21 04:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/08/21 04:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/08/21 04:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/08/21 04:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/08/21 04:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/08/21 04:28	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-03		Lab ID: 92537489002		Collected: 05/06/21 15:10		Received: 05/06/21 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							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/08/21 04:28	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/08/21 04:28	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/08/21 04:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/08/21 04:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/08/21 04:28	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/08/21 04:28	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/08/21 04:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/08/21 04:28	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/08/21 04:28	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/08/21 04:28	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/08/21 04:28	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/08/21 04:28	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/08/21 04:28	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/08/21 04:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/08/21 04:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/08/21 04:28	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/08/21 04:28	127-18-4	
Toluene	0.49J	ug/L	0.50	0.48	1		05/08/21 04:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/08/21 04:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/08/21 04:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/08/21 04:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/08/21 04:28	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/08/21 04:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/08/21 04:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/08/21 04:28	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/08/21 04:28	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/08/21 04:28	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/08/21 04:28	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/08/21 04:28	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/08/21 04:28	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		05/08/21 04:28	17060-07-0	
4-Bromofluorobenzene (S)	100	%	70-130		1		05/08/21 04:28	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/08/21 04:28	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-05		Lab ID: 92537489003		Collected: 05/06/21 12:30		Received: 05/06/21 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		05/09/21 19:34		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/09/21 19:34		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/09/21 19:34		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/09/21 19:34		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/09/21 19:34		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	104	%	70-130		1		05/09/21 19:34	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		05/09/21 19:34	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	05/12/21 12:22	05/12/21 20:30	7439-92-1	BC
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	0.34	1		05/08/21 04:10	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/08/21 04:10	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/08/21 04:10	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/08/21 04:10	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/08/21 04:10	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/08/21 04:10	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/08/21 04:10	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/08/21 04:10	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/08/21 04:10	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/08/21 04:10	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/08/21 04:10	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/08/21 04:10	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/08/21 04:10	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/08/21 04:10	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/08/21 04:10	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/08/21 04:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/08/21 04:10	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/08/21 04:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/08/21 04:10	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/08/21 04:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/08/21 04:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/08/21 04:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/08/21 04:10	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/08/21 04:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/08/21 04:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/08/21 04:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/08/21 04:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/08/21 04:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/08/21 04:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/08/21 04:10	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-05		Lab ID: 92537489003		Collected: 05/06/21 12:30		Received: 05/06/21 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							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/08/21 04:10	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/08/21 04:10	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/08/21 04:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/08/21 04:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/08/21 04:10	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/08/21 04:10	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/08/21 04:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/08/21 04:10	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/08/21 04:10	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/08/21 04:10	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/08/21 04:10	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/08/21 04:10	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/08/21 04:10	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/08/21 04:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/08/21 04:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/08/21 04:10	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/08/21 04:10	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/08/21 04:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/08/21 04:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/08/21 04:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/08/21 04:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/08/21 04:10	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/08/21 04:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/08/21 04:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/08/21 04:10	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/08/21 04:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/08/21 04:10	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/08/21 04:10	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/08/21 04:10	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/08/21 04:10	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		05/08/21 04:10	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		05/08/21 04:10	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		05/08/21 04:10	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-07 Lab ID: 92537489004 Collected: 05/06/21 12:15 Received: 05/06/21 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		05/09/21 20:02		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/09/21 20:02		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/09/21 20:02		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/09/21 20:02		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/09/21 20:02		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		05/09/21 20:02	460-00-4	
4-Bromofluorobenzene (PID) (S)	100	%	70-130		1		05/09/21 20:02	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	05/12/21 12:22	05/13/21 14:58	7439-92-1	BC
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/10/21 14:58	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/10/21 14:58	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/10/21 14:58	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/10/21 14:58	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/10/21 14:58	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/10/21 14:58	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/10/21 14:58	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/10/21 14:58	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/10/21 14:58	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/10/21 14:58	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/10/21 14:58	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/10/21 14:58	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/10/21 14:58	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/10/21 14:58	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/10/21 14:58	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/10/21 14:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/10/21 14:58	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/10/21 14:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/10/21 14:58	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/10/21 14:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/10/21 14:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/10/21 14:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/10/21 14:58	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/10/21 14:58	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/10/21 14:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/10/21 14:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/10/21 14:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/10/21 14:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/10/21 14:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/10/21 14:58	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-07		Lab ID: 92537489004		Collected: 05/06/21 12:15		Received: 05/06/21 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							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/10/21 14:58	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/10/21 14:58	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/10/21 14:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/10/21 14:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/10/21 14:58	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/10/21 14:58	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/10/21 14:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/10/21 14:58	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/10/21 14:58	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/10/21 14:58	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/10/21 14:58	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/10/21 14:58	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/10/21 14:58	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/10/21 14:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/10/21 14:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/10/21 14:58	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/10/21 14:58	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/10/21 14:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/10/21 14:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/10/21 14:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/10/21 14:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/10/21 14:58	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/10/21 14:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/10/21 14:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/10/21 14:58	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/10/21 14:58	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/10/21 14:58	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/10/21 14:58	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/10/21 14:58	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/10/21 14:58	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		05/10/21 14:58	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		05/10/21 14:58	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/10/21 14:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-20		Lab ID: 92537489005		Collected: 05/06/21 14:00		Received: 05/06/21 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		05/09/21 20:31		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/09/21 20:31		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/09/21 20:31		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/09/21 20:31		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/09/21 20:31		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130		1		05/09/21 20:31	460-00-4	
4-Bromofluorobenzene (PID) (S)	97	%	70-130		1		05/09/21 20:31	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	05/12/21 12:22	05/13/21 15:01	7439-92-1	BC
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/10/21 15:15	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/10/21 15:15	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/10/21 15:15	74-97-5	
Bromodichloromethane	0.45J	ug/L	0.50	0.31	1		05/10/21 15:15	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/10/21 15:15	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/10/21 15:15	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/10/21 15:15	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/10/21 15:15	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/10/21 15:15	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/10/21 15:15	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/10/21 15:15	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/10/21 15:15	75-00-3	
Chloroform	2.4	ug/L	0.50	0.35	1		05/10/21 15:15	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/10/21 15:15	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/10/21 15:15	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/10/21 15:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/10/21 15:15	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/10/21 15:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/10/21 15:15	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/10/21 15:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/10/21 15:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/10/21 15:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/10/21 15:15	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/10/21 15:15	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/10/21 15:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/10/21 15:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/10/21 15:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/10/21 15:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/10/21 15:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/10/21 15:15	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-20		Lab ID: 92537489005		Collected: 05/06/21 14:00		Received: 05/06/21 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							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/10/21 15:15	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/10/21 15:15	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/10/21 15:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/10/21 15:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/10/21 15:15	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/10/21 15:15	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/10/21 15:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/10/21 15:15	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/10/21 15:15	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/10/21 15:15	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/10/21 15:15	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/10/21 15:15	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/10/21 15:15	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/10/21 15:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/10/21 15:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/10/21 15:15	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/10/21 15:15	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/10/21 15:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/10/21 15:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/10/21 15:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/10/21 15:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/10/21 15:15	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/10/21 15:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/10/21 15:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/10/21 15:15	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/10/21 15:15	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/10/21 15:15	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/10/21 15:15	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/10/21 15:15	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/10/21 15:15	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		05/10/21 15:15	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		05/10/21 15:15	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		05/10/21 15:15	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-25		Lab ID: 92537489006		Collected: 05/06/21 12:20		Received: 05/06/21 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		05/07/21 20:53		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/07/21 20:53		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/07/21 20:53		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/07/21 20:53		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/07/21 20:53		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1		05/07/21 20:53	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		05/07/21 20:53	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	05/12/21 12:22	05/13/21 15:04	7439-92-1	BC
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/08/21 01:08	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/08/21 01:08	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/08/21 01:08	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/08/21 01:08	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/08/21 01:08	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/08/21 01:08	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/08/21 01:08	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/08/21 01:08	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/08/21 01:08	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/08/21 01:08	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/08/21 01:08	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/08/21 01:08	75-00-3	
Chloroform	1.3	ug/L	0.50	0.35	1		05/08/21 01:08	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/08/21 01:08	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/08/21 01:08	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/08/21 01:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/08/21 01:08	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/08/21 01:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/08/21 01:08	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/08/21 01:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/08/21 01:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/08/21 01:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/08/21 01:08	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/08/21 01:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/08/21 01:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/08/21 01:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/08/21 01:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/08/21 01:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/08/21 01:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/08/21 01:08	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-25		Lab ID: 92537489006		Collected: 05/06/21 12:20		Received: 05/06/21 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							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/08/21 01:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/08/21 01:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/08/21 01:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/08/21 01:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/08/21 01:08	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/08/21 01:08	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/08/21 01:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/08/21 01:08	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/08/21 01:08	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/08/21 01:08	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/08/21 01:08	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/08/21 01:08	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/08/21 01:08	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/08/21 01:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/08/21 01:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/08/21 01:08	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/08/21 01:08	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/08/21 01:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/08/21 01:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/08/21 01:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/08/21 01:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/08/21 01:08	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/08/21 01:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/08/21 01:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/08/21 01:08	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/08/21 01:08	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/08/21 01:08	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/08/21 01:08	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/08/21 01:08	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/08/21 01:08	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		05/08/21 01:08	17060-07-0	
4-Bromofluorobenzene (S)	93	%	70-130		1		05/08/21 01:08	460-00-4	
Toluene-d8 (S)	97	%	70-130		1		05/08/21 01:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-27 Lab ID: 92537489007 Collected: 05/06/21 10:50 Received: 05/06/21 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		05/07/21 21:21		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/07/21 21:21		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/07/21 21:21		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/07/21 21:21		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/07/21 21:21		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		05/07/21 21:21	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		05/07/21 21:21	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	05/12/21 12:22	05/13/21 15:08	7439-92-1	BC
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/07/21 23:19	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/07/21 23:19	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/07/21 23:19	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/07/21 23:19	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/07/21 23:19	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/07/21 23:19	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/07/21 23:19	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/07/21 23:19	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/07/21 23:19	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/07/21 23:19	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/07/21 23:19	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/07/21 23:19	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/07/21 23:19	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/07/21 23:19	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 23:19	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 23:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/07/21 23:19	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/07/21 23:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/07/21 23:19	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/07/21 23:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 23:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 23:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/07/21 23:19	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/07/21 23:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/07/21 23:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 23:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/07/21 23:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 23:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/07/21 23:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/07/21 23:19	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-27		Lab ID: 92537489007		Collected: 05/06/21 10:50		Received: 05/06/21 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							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/07/21 23:19	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/07/21 23:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/07/21 23:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 23:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 23:19	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/07/21 23:19	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/07/21 23:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/07/21 23:19	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/07/21 23:19	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/07/21 23:19	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/07/21 23:19	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/07/21 23:19	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/07/21 23:19	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/07/21 23:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/07/21 23:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/07/21 23:19	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/07/21 23:19	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/07/21 23:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/07/21 23:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/07/21 23:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/07/21 23:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 23:19	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 23:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/07/21 23:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/07/21 23:19	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/07/21 23:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/07/21 23:19	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/07/21 23:19	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/07/21 23:19	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/07/21 23:19	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		05/07/21 23:19	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		05/07/21 23:19	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/07/21 23:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-32		Lab ID: 92537489008		Collected: 05/06/21 11:50		Received: 05/06/21 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		05/07/21 21:49		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/07/21 21:49		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/07/21 21:49		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/07/21 21:49		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/07/21 21:49		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		05/07/21 21:49	460-00-4	
4-Bromofluorobenzene (PID) (S)	101	%	70-130		1		05/07/21 21:49	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	05/12/21 12:22	05/13/21 15:11	7439-92-1	BC
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/07/21 23:37	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/07/21 23:37	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/07/21 23:37	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/07/21 23:37	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/07/21 23:37	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/07/21 23:37	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/07/21 23:37	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/07/21 23:37	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/07/21 23:37	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/07/21 23:37	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/07/21 23:37	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/07/21 23:37	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/07/21 23:37	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/07/21 23:37	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 23:37	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 23:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/07/21 23:37	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/07/21 23:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/07/21 23:37	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/07/21 23:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 23:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 23:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/07/21 23:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/07/21 23:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/07/21 23:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 23:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/07/21 23:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 23:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/07/21 23:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/07/21 23:37	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-32		Lab ID: 92537489008		Collected: 05/06/21 11:50		Received: 05/06/21 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							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/07/21 23:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/07/21 23:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/07/21 23:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 23:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 23:37	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/07/21 23:37	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/07/21 23:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/07/21 23:37	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/07/21 23:37	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/07/21 23:37	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/07/21 23:37	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/07/21 23:37	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/07/21 23:37	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/07/21 23:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/07/21 23:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/07/21 23:37	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/07/21 23:37	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/07/21 23:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/07/21 23:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/07/21 23:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/07/21 23:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 23:37	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 23:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/07/21 23:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/07/21 23:37	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/07/21 23:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/07/21 23:37	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/07/21 23:37	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/07/21 23:37	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/07/21 23:37	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		05/07/21 23:37	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		05/07/21 23:37	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/07/21 23:37	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-33		Lab ID: 92537489009		Collected: 05/06/21 10:25		Received: 05/06/21 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		05/07/21 22:18		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/07/21 22:18		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/07/21 22:18		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/07/21 22:18		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/07/21 22:18		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	105	%	70-130		1		05/07/21 22:18	460-00-4	
4-Bromofluorobenzene (PID) (S)	107	%	70-130		1		05/07/21 22:18	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	05/12/21 12:22	05/13/21 15:14	7439-92-1	BC
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/07/21 23:56	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/07/21 23:56	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/07/21 23:56	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/07/21 23:56	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/07/21 23:56	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/07/21 23:56	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/07/21 23:56	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/07/21 23:56	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/07/21 23:56	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/07/21 23:56	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/07/21 23:56	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/07/21 23:56	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/07/21 23:56	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/07/21 23:56	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 23:56	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 23:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/07/21 23:56	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/07/21 23:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/07/21 23:56	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/07/21 23:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 23:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 23:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/07/21 23:56	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/07/21 23:56	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/07/21 23:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 23:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/07/21 23:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 23:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/07/21 23:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/07/21 23:56	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-33		Lab ID: 92537489009		Collected: 05/06/21 10:25		Received: 05/06/21 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							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/07/21 23:56	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/07/21 23:56	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/07/21 23:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 23:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 23:56	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/07/21 23:56	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/07/21 23:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/07/21 23:56	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/07/21 23:56	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/07/21 23:56	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/07/21 23:56	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/07/21 23:56	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/07/21 23:56	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/07/21 23:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/07/21 23:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/07/21 23:56	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/07/21 23:56	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/07/21 23:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/07/21 23:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/07/21 23:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/07/21 23:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 23:56	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 23:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/07/21 23:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/07/21 23:56	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/07/21 23:56	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/07/21 23:56	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/07/21 23:56	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/07/21 23:56	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/07/21 23:56	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		05/07/21 23:56	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130		1		05/07/21 23:56	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/07/21 23:56	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-35 Lab ID: 92537489010 Collected: 05/06/21 14:00 Received: 05/06/21 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		05/07/21 22:46		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/07/21 22:46		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/07/21 22:46		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/07/21 22:46		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/07/21 22:46		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		05/07/21 22:46	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		05/07/21 22:46	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	05/12/21 12:22	05/13/21 15:24	7439-92-1	BC
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/08/21 00:14	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/08/21 00:14	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/08/21 00:14	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/08/21 00:14	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/08/21 00:14	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/08/21 00:14	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/08/21 00:14	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/08/21 00:14	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/08/21 00:14	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/08/21 00:14	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/08/21 00:14	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/08/21 00:14	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/08/21 00:14	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/08/21 00:14	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/08/21 00:14	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/08/21 00:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/08/21 00:14	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/08/21 00:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/08/21 00:14	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/08/21 00:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/08/21 00:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/08/21 00:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/08/21 00:14	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/08/21 00:14	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/08/21 00:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/08/21 00:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/08/21 00:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/08/21 00:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/08/21 00:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/08/21 00:14	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-35		Lab ID: 92537489010		Collected: 05/06/21 14:00		Received: 05/06/21 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							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/08/21 00:14	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/08/21 00:14	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/08/21 00:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/08/21 00:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/08/21 00:14	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/08/21 00:14	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/08/21 00:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/08/21 00:14	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/08/21 00:14	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/08/21 00:14	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/08/21 00:14	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/08/21 00:14	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/08/21 00:14	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/08/21 00:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/08/21 00:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/08/21 00:14	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/08/21 00:14	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/08/21 00:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/08/21 00:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/08/21 00:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/08/21 00:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/08/21 00:14	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/08/21 00:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/08/21 00:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/08/21 00:14	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/08/21 00:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/08/21 00:14	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/08/21 00:14	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/08/21 00:14	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/08/21 00:14	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		05/08/21 00:14	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		05/08/21 00:14	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/08/21 00:14	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-36		Lab ID: 92537489011		Collected: 05/06/21 10:30		Received: 05/06/21 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		05/07/21 23:15		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/07/21 23:15		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/07/21 23:15		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/07/21 23:15		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/07/21 23:15		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1		05/07/21 23:15	460-00-4	
4-Bromofluorobenzene (PID) (S)	105	%	70-130		1		05/07/21 23:15	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	05/12/21 12:22	05/13/21 15:55	7439-92-1	BC
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	0.34	1		05/08/21 01:26	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/08/21 01:26	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/08/21 01:26	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/08/21 01:26	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/08/21 01:26	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/08/21 01:26	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/08/21 01:26	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/08/21 01:26	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/08/21 01:26	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/08/21 01:26	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/08/21 01:26	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/08/21 01:26	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/08/21 01:26	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/08/21 01:26	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/08/21 01:26	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/08/21 01:26	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/08/21 01:26	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/08/21 01:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/08/21 01:26	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/08/21 01:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/08/21 01:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/08/21 01:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/08/21 01:26	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/08/21 01:26	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/08/21 01:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/08/21 01:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/08/21 01:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/08/21 01:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/08/21 01:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/08/21 01:26	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-36		Lab ID: 92537489011		Collected: 05/06/21 10:30		Received: 05/06/21 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							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/08/21 01:26	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/08/21 01:26	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/08/21 01:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/08/21 01:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/08/21 01:26	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/08/21 01:26	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/08/21 01:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/08/21 01:26	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/08/21 01:26	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/08/21 01:26	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/08/21 01:26	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/08/21 01:26	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/08/21 01:26	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/08/21 01:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/08/21 01:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/08/21 01:26	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/08/21 01:26	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/08/21 01:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/08/21 01:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/08/21 01:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/08/21 01:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/08/21 01:26	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/08/21 01:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/08/21 01:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/08/21 01:26	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/08/21 01:26	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/08/21 01:26	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/08/21 01:26	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/08/21 01:26	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/08/21 01:26	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		05/08/21 01:26	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		05/08/21 01:26	460-00-4	
Toluene-d8 (S)	96	%	70-130		1		05/08/21 01:26	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-36DR		Lab ID: 92537489012		Collected: 05/06/21 14:43		Received: 05/06/21 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		05/09/21 20:59		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/09/21 20:59		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/09/21 20:59		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/09/21 20:59		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/09/21 20:59		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		05/09/21 20:59	460-00-4	
4-Bromofluorobenzene (PID) (S)	99	%	70-130		1		05/09/21 20:59	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	05/12/21 12:22	05/13/21 15:59	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/08/21 03:14	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/08/21 03:14	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/08/21 03:14	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/08/21 03:14	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/08/21 03:14	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/08/21 03:14	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/08/21 03:14	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/08/21 03:14	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/08/21 03:14	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/08/21 03:14	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/08/21 03:14	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/08/21 03:14	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/08/21 03:14	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/08/21 03:14	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/08/21 03:14	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/08/21 03:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/08/21 03:14	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/08/21 03:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/08/21 03:14	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/08/21 03:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/08/21 03:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/08/21 03:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/08/21 03:14	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/08/21 03:14	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/08/21 03:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/08/21 03:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/08/21 03:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/08/21 03:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/08/21 03:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/08/21 03:14	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-36DR		Lab ID: 92537489012		Collected: 05/06/21 14:43		Received: 05/06/21 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							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/08/21 03:14	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/08/21 03:14	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/08/21 03:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/08/21 03:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/08/21 03:14	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/08/21 03:14	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/08/21 03:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/08/21 03:14	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/08/21 03:14	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/08/21 03:14	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/08/21 03:14	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/08/21 03:14	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/08/21 03:14	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/08/21 03:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/08/21 03:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/08/21 03:14	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/08/21 03:14	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/08/21 03:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/08/21 03:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/08/21 03:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/08/21 03:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/08/21 03:14	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/08/21 03:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/08/21 03:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/08/21 03:14	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/08/21 03:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/08/21 03:14	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/08/21 03:14	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/08/21 03:14	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/08/21 03:14	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		05/08/21 03:14	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		05/08/21 03:14	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		05/08/21 03:14	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-38		Lab ID: 92537489013		Collected: 05/06/21 16:00		Received: 05/06/21 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)	11000	ug/L	100	100	2		05/11/21 04:25		N2
Aliphatic (C05-C08)	8950	ug/L	100	100	2		05/11/21 04:25		N2
Aliphatic (C09-C12)	2100	ug/L	100	100	2		05/11/21 04:25		N2
Aliphatic(C09-C12) Adjusted	1900	ug/L	100	100	2		05/11/21 04:25		N2
Aromatic (C09-C10)	198	ug/L	100	100	2		05/11/21 04:25		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		2		05/11/21 04:25	460-00-4	
4-Bromofluorobenzene (PID) (S)	97	%	70-130		2		05/11/21 04:25	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	05/12/21 12:22	05/12/21 18:52	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	978	ug/L	5.0	3.4	10		05/10/21 17:57	71-43-2	
Bromobenzene	ND	ug/L	5.0	2.9	10		05/10/21 17:57	108-86-1	
Bromochloromethane	ND	ug/L	5.0	4.7	10		05/10/21 17:57	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	3.1	10		05/10/21 17:57	75-27-4	
Bromoform	ND	ug/L	5.0	3.4	10		05/10/21 17:57	75-25-2	
Bromomethane	ND	ug/L	50.0	16.6	10		05/10/21 17:57	74-83-9	
n-Butylbenzene	ND	ug/L	5.0	4.9	10		05/10/21 17:57	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	4.0	10		05/10/21 17:57	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	3.2	10		05/10/21 17:57	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	3.3	10		05/10/21 17:57	56-23-5	
Chlorobenzene	ND	ug/L	5.0	2.8	10		05/10/21 17:57	108-90-7	
Chloroethane	ND	ug/L	10.0	6.5	10		05/10/21 17:57	75-00-3	
Chloroform	ND	ug/L	5.0	3.5	10		05/10/21 17:57	67-66-3	
Chloromethane	ND	ug/L	10.0	5.4	10		05/10/21 17:57	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	3.2	10		05/10/21 17:57	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	3.2	10		05/10/21 17:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	3.4	10		05/10/21 17:57	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	3.6	10		05/10/21 17:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	2.7	10		05/10/21 17:57	106-93-4	
Dibromomethane	ND	ug/L	5.0	3.9	10		05/10/21 17:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	3.4	10		05/10/21 17:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	3.4	10		05/10/21 17:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	3.3	10		05/10/21 17:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	3.5	10		05/10/21 17:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	3.7	10		05/10/21 17:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	3.2	10		05/10/21 17:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	3.5	10		05/10/21 17:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	3.8	10		05/10/21 17:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	4.0	10		05/10/21 17:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	3.6	10		05/10/21 17:57	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-38		Lab ID: 92537489013		Collected: 05/06/21 16:00		Received: 05/06/21 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							
1,3-Dichloropropane	ND	ug/L	5.0	2.8	10		05/10/21 17:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	3.9	10		05/10/21 17:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	4.3	10		05/10/21 17:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	3.6	10		05/10/21 17:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	3.6	10		05/10/21 17:57	10061-02-6	
Diisopropyl ether	159	ug/L	5.0	3.1	10		05/10/21 17:57	108-20-3	
Ethylbenzene	107	ug/L	5.0	3.0	10		05/10/21 17:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	20.0	15.3	10		05/10/21 17:57	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	3.3	10		05/10/21 17:57	98-82-8	
Methylene Chloride	ND	ug/L	20.0	19.5	10		05/10/21 17:57	75-09-2	
Methyl-tert-butyl ether	72.7	ug/L	5.0	4.2	10		05/10/21 17:57	1634-04-4	
Naphthalene	13.1J	ug/L	20.0	6.4	10		05/10/21 17:57	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	3.4	10		05/10/21 17:57	103-65-1	
Styrene	ND	ug/L	5.0	2.9	10		05/10/21 17:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	3.1	10		05/10/21 17:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.2	10		05/10/21 17:57	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.9	10		05/10/21 17:57	127-18-4	
Toluene	743	ug/L	5.0	4.8	10		05/10/21 17:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	20.0	8.1	10		05/10/21 17:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	20.0	6.4	10		05/10/21 17:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	3.3	10		05/10/21 17:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	3.2	10		05/10/21 17:57	79-00-5	
Trichloroethene	ND	ug/L	5.0	3.8	10		05/10/21 17:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	3.0	10		05/10/21 17:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.6	10		05/10/21 17:57	96-18-4	
1,2,4-Trimethylbenzene	53.0	ug/L	5.0	5.0	10		05/10/21 17:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	3.3	10		05/10/21 17:57	108-67-8	
Vinyl chloride	ND	ug/L	10.0	3.9	10		05/10/21 17:57	75-01-4	
m&p-Xylene	463	ug/L	10.0	7.1	10		05/10/21 17:57	179601-23-1	
o-Xylene	250	ug/L	5.0	3.4	10		05/10/21 17:57	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		10		05/10/21 17:57	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		10		05/10/21 17:57	460-00-4	
Toluene-d8 (S)	100	%	70-130		10		05/10/21 17:57	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-53		Lab ID: 92537489014		Collected: 05/06/21 12:20		Received: 05/06/21 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		05/09/21 21:56		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/09/21 21:56		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/09/21 21:56		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/09/21 21:56		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/09/21 21:56		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130		1		05/09/21 21:56	460-00-4	
4-Bromofluorobenzene (PID) (S)	98	%	70-130		1		05/09/21 21:56	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	05/12/21 12:22	05/12/21 19:08	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/08/21 01:44	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/08/21 01:44	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/08/21 01:44	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/08/21 01:44	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/08/21 01:44	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/08/21 01:44	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/08/21 01:44	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/08/21 01:44	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/08/21 01:44	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/08/21 01:44	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/08/21 01:44	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/08/21 01:44	75-00-3	
Chloroform	0.42J	ug/L	0.50	0.35	1		05/08/21 01:44	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/08/21 01:44	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/08/21 01:44	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/08/21 01:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/08/21 01:44	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/08/21 01:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/08/21 01:44	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/08/21 01:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/08/21 01:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/08/21 01:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/08/21 01:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/08/21 01:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/08/21 01:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/08/21 01:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/08/21 01:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/08/21 01:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/08/21 01:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/08/21 01:44	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-53		Lab ID: 92537489014		Collected: 05/06/21 12:20		Received: 05/06/21 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							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/08/21 01:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/08/21 01:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/08/21 01:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/08/21 01:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/08/21 01:44	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/08/21 01:44	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/08/21 01:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/08/21 01:44	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/08/21 01:44	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/08/21 01:44	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/08/21 01:44	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/08/21 01:44	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/08/21 01:44	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/08/21 01:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/08/21 01:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/08/21 01:44	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/08/21 01:44	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/08/21 01:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/08/21 01:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/08/21 01:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/08/21 01:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/08/21 01:44	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/08/21 01:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/08/21 01:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/08/21 01:44	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/08/21 01:44	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/08/21 01:44	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/08/21 01:44	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/08/21 01:44	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/08/21 01:44	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		05/08/21 01:44	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		05/08/21 01:44	460-00-4	
Toluene-d8 (S)	104	%	70-130		1		05/08/21 01:44	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-54		Lab ID: 92537489015		Collected: 05/06/21 13:40		Received: 05/06/21 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)	9380	ug/L	125	125	2.5		05/11/21 04:53		N2
Aliphatic (C05-C08)	7880	ug/L	125	125	2.5		05/11/21 04:53		N2
Aliphatic (C09-C12)	1500	ug/L	125	125	2.5		05/11/21 04:53		N2
Aliphatic(C09-C12) Adjusted	1360	ug/L	125	125	2.5		05/11/21 04:53		N2
Aromatic (C09-C10)	140	ug/L	125	125	2.5		05/11/21 04:53		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	109	%	70-130		2.5		05/11/21 04:53	460-00-4	
4-Bromofluorobenzene (PID) (S)	108	%	70-130		2.5		05/11/21 04:53	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	05/12/21 12:22	05/12/21 19:11	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	521	ug/L	2.5	1.7	5		05/08/21 02:38	71-43-2	
Bromobenzene	ND	ug/L	2.5	1.4	5		05/08/21 02:38	108-86-1	
Bromochloromethane	ND	ug/L	2.5	2.3	5		05/08/21 02:38	74-97-5	
Bromodichloromethane	ND	ug/L	2.5	1.5	5		05/08/21 02:38	75-27-4	
Bromoform	ND	ug/L	2.5	1.7	5		05/08/21 02:38	75-25-2	
Bromomethane	ND	ug/L	25.0	8.3	5		05/08/21 02:38	74-83-9	
n-Butylbenzene	ND	ug/L	2.5	2.4	5		05/08/21 02:38	104-51-8	
sec-Butylbenzene	ND	ug/L	2.5	2.0	5		05/08/21 02:38	135-98-8	
tert-Butylbenzene	ND	ug/L	2.5	1.6	5		05/08/21 02:38	98-06-6	
Carbon tetrachloride	ND	ug/L	2.5	1.7	5		05/08/21 02:38	56-23-5	
Chlorobenzene	ND	ug/L	2.5	1.4	5		05/08/21 02:38	108-90-7	
Chloroethane	ND	ug/L	5.0	3.2	5		05/08/21 02:38	75-00-3	
Chloroform	ND	ug/L	2.5	1.8	5		05/08/21 02:38	67-66-3	
Chloromethane	ND	ug/L	5.0	2.7	5		05/08/21 02:38	74-87-3	M1
2-Chlorotoluene	ND	ug/L	2.5	1.6	5		05/08/21 02:38	95-49-8	
4-Chlorotoluene	ND	ug/L	2.5	1.6	5		05/08/21 02:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1.7	5		05/08/21 02:38	96-12-8	
Dibromochloromethane	ND	ug/L	2.5	1.8	5		05/08/21 02:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	2.5	1.4	5		05/08/21 02:38	106-93-4	
Dibromomethane	ND	ug/L	2.5	2.0	5		05/08/21 02:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	2.5	1.7	5		05/08/21 02:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	2.5	1.7	5		05/08/21 02:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	2.5	1.7	5		05/08/21 02:38	106-46-7	
Dichlorodifluoromethane	ND	ug/L	2.5	1.7	5		05/08/21 02:38	75-71-8	
1,1-Dichloroethane	ND	ug/L	2.5	1.8	5		05/08/21 02:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.5	1.6	5		05/08/21 02:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.5	1.7	5		05/08/21 02:38	75-35-4	M1
cis-1,2-Dichloroethene	ND	ug/L	2.5	1.9	5		05/08/21 02:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.5	2.0	5		05/08/21 02:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.5	1.8	5		05/08/21 02:38	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-54		Lab ID: 92537489015		Collected: 05/06/21 13:40		Received: 05/06/21 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							
1,3-Dichloropropane	ND	ug/L	2.5	1.4	5		05/08/21 02:38	142-28-9	
2,2-Dichloropropane	ND	ug/L	2.5	1.9	5		05/08/21 02:38	594-20-7	
1,1-Dichloropropene	ND	ug/L	2.5	2.1	5		05/08/21 02:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	2.5	1.8	5		05/08/21 02:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.5	1.8	5		05/08/21 02:38	10061-02-6	
Diisopropyl ether	96.5	ug/L	2.5	1.5	5		05/08/21 02:38	108-20-3	
Ethylbenzene	6.9	ug/L	2.5	1.5	5		05/08/21 02:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	7.6	5		05/08/21 02:38	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	2.5	1.7	5		05/08/21 02:38	98-82-8	
Methylene Chloride	ND	ug/L	10.0	9.8	5		05/08/21 02:38	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.5	2.1	5		05/08/21 02:38	1634-04-4	
Naphthalene	7.9J	ug/L	10.0	3.2	5		05/08/21 02:38	91-20-3	
n-Propylbenzene	ND	ug/L	2.5	1.7	5		05/08/21 02:38	103-65-1	
Styrene	ND	ug/L	2.5	1.5	5		05/08/21 02:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.5	1.6	5		05/08/21 02:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.5	1.1	5		05/08/21 02:38	79-34-5	
Tetrachloroethene	ND	ug/L	2.5	1.5	5		05/08/21 02:38	127-18-4	
Toluene	999	ug/L	2.5	2.4	5		05/08/21 02:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	10.0	4.0	5		05/08/21 02:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	3.2	5		05/08/21 02:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	2.5	1.7	5		05/08/21 02:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.5	1.6	5		05/08/21 02:38	79-00-5	
Trichloroethene	ND	ug/L	2.5	1.9	5		05/08/21 02:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.5	5		05/08/21 02:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1.3	5		05/08/21 02:38	96-18-4	
1,2,4-Trimethylbenzene	39.4	ug/L	2.5	2.5	5		05/08/21 02:38	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	2.5	1.7	5		05/08/21 02:38	108-67-8	
Vinyl chloride	ND	ug/L	5.0	1.9	5		05/08/21 02:38	75-01-4	
m&p-Xylene	380	ug/L	5.0	3.5	5		05/08/21 02:38	179601-23-1	
o-Xylene	215	ug/L	2.5	1.7	5		05/08/21 02:38	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		5		05/08/21 02:38	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		5		05/08/21 02:38	460-00-4	
Toluene-d8 (S)	103	%	70-130		5		05/08/21 02:38	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-63 Lab ID: 92537489016 Collected: 05/06/21 09:05 Received: 05/06/21 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		05/09/21 22:55		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/09/21 22:55		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/09/21 22:55		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/09/21 22:55		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/09/21 22:55		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130		1		05/09/21 22:55	460-00-4	
4-Bromofluorobenzene (PID) (S)	97	%	70-130		1		05/09/21 22:55	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	05/12/21 12:22	05/12/21 19:14	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/08/21 02:02	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/08/21 02:02	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/08/21 02:02	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/08/21 02:02	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/08/21 02:02	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/08/21 02:02	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/08/21 02:02	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/08/21 02:02	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/08/21 02:02	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/08/21 02:02	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/08/21 02:02	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/08/21 02:02	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/08/21 02:02	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/08/21 02:02	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/08/21 02:02	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/08/21 02:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/08/21 02:02	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/08/21 02:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/08/21 02:02	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/08/21 02:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/08/21 02:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/08/21 02:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/08/21 02:02	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/08/21 02:02	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/08/21 02:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/08/21 02:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/08/21 02:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/08/21 02:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/08/21 02:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/08/21 02:02	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-63		Lab ID: 92537489016		Collected: 05/06/21 09:05		Received: 05/06/21 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							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/08/21 02:02	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/08/21 02:02	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/08/21 02:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/08/21 02:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/08/21 02:02	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/08/21 02:02	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/08/21 02:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/08/21 02:02	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/08/21 02:02	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/08/21 02:02	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/08/21 02:02	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/08/21 02:02	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/08/21 02:02	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/08/21 02:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/08/21 02:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/08/21 02:02	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/08/21 02:02	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/08/21 02:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/08/21 02:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/08/21 02:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/08/21 02:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/08/21 02:02	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/08/21 02:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/08/21 02:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/08/21 02:02	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/08/21 02:02	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/08/21 02:02	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/08/21 02:02	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/08/21 02:02	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/08/21 02:02	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		05/08/21 02:02	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		05/08/21 02:02	460-00-4	
Toluene-d8 (S)	95	%	70-130		1		05/08/21 02:02	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-87 Lab ID: 92537489017 Collected: 05/06/21 14:50 Received: 05/06/21 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		05/09/21 23:24		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/09/21 23:24		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/09/21 23:24		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/09/21 23:24		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/09/21 23:24		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1		05/09/21 23:24	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		05/09/21 23:24	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	05/12/21 12:22	05/12/21 19:24	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	0.55	ug/L	0.50	0.34	1		05/08/21 03:32	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/08/21 03:32	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/08/21 03:32	74-97-5	
Bromodichloromethane	0.31J	ug/L	0.50	0.31	1		05/08/21 03:32	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/08/21 03:32	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/08/21 03:32	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/08/21 03:32	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/08/21 03:32	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/08/21 03:32	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/08/21 03:32	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/08/21 03:32	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/08/21 03:32	75-00-3	
Chloroform	3.0	ug/L	0.50	0.35	1		05/08/21 03:32	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/08/21 03:32	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/08/21 03:32	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/08/21 03:32	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/08/21 03:32	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/08/21 03:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/08/21 03:32	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/08/21 03:32	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/08/21 03:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/08/21 03:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/08/21 03:32	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/08/21 03:32	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/08/21 03:32	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/08/21 03:32	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/08/21 03:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/08/21 03:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/08/21 03:32	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/08/21 03:32	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-87		Lab ID: 92537489017		Collected: 05/06/21 14:50		Received: 05/06/21 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							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/08/21 03:32	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/08/21 03:32	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/08/21 03:32	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/08/21 03:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/08/21 03:32	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/08/21 03:32	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/08/21 03:32	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/08/21 03:32	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/08/21 03:32	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/08/21 03:32	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/08/21 03:32	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/08/21 03:32	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/08/21 03:32	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/08/21 03:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/08/21 03:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/08/21 03:32	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/08/21 03:32	127-18-4	
Toluene	0.63	ug/L	0.50	0.48	1		05/08/21 03:32	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/08/21 03:32	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/08/21 03:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/08/21 03:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/08/21 03:32	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/08/21 03:32	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/08/21 03:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/08/21 03:32	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/08/21 03:32	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/08/21 03:32	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/08/21 03:32	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/08/21 03:32	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/08/21 03:32	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		05/08/21 03:32	17060-07-0	
4-Bromofluorobenzene (S)	91	%	70-130		1		05/08/21 03:32	460-00-4	
Toluene-d8 (S)	98	%	70-130		1		05/08/21 03:32	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-88 Lab ID: 92537489018 Collected: 05/06/21 11:50 Received: 05/06/21 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		05/09/21 23:52		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/09/21 23:52		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/09/21 23:52		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/09/21 23:52		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/09/21 23:52		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		05/09/21 23:52	460-00-4	
4-Bromofluorobenzene (PID) (S)	100	%	70-130		1		05/09/21 23:52	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	05/12/21 12:22	05/12/21 19:27	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/08/21 03:50	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/08/21 03:50	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/08/21 03:50	74-97-5	
Bromodichloromethane	0.48J	ug/L	0.50	0.31	1		05/08/21 03:50	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/08/21 03:50	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/08/21 03:50	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/08/21 03:50	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/08/21 03:50	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/08/21 03:50	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/08/21 03:50	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/08/21 03:50	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/08/21 03:50	75-00-3	
Chloroform	2.9	ug/L	0.50	0.35	1		05/08/21 03:50	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/08/21 03:50	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/08/21 03:50	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/08/21 03:50	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/08/21 03:50	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/08/21 03:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/08/21 03:50	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/08/21 03:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/08/21 03:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/08/21 03:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/08/21 03:50	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/08/21 03:50	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/08/21 03:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/08/21 03:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/08/21 03:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/08/21 03:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/08/21 03:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/08/21 03:50	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-88		Lab ID: 92537489018		Collected: 05/06/21 11:50		Received: 05/06/21 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							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/08/21 03:50	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/08/21 03:50	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/08/21 03:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/08/21 03:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/08/21 03:50	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/08/21 03:50	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/08/21 03:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/08/21 03:50	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/08/21 03:50	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/08/21 03:50	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/08/21 03:50	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/08/21 03:50	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/08/21 03:50	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/08/21 03:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/08/21 03:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/08/21 03:50	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/08/21 03:50	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/08/21 03:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/08/21 03:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/08/21 03:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/08/21 03:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/08/21 03:50	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/08/21 03:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/08/21 03:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/08/21 03:50	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/08/21 03:50	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/08/21 03:50	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/08/21 03:50	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/08/21 03:50	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/08/21 03:50	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		05/08/21 03:50	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130		1		05/08/21 03:50	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/08/21 03:50	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-89 Lab ID: 92537489019 Collected: 05/06/21 09:34 Received: 05/06/21 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		05/10/21 00:21		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/10/21 00:21		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/10/21 00:21		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/10/21 00:21		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/10/21 00:21		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		05/10/21 00:21	460-00-4	
4-Bromofluorobenzene (PID) (S)	101	%	70-130		1		05/10/21 00:21	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	05/12/21 12:22	05/12/21 19:30	7439-92-1	
6200B MSV Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/08/21 04:09	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/08/21 04:09	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/08/21 04:09	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/08/21 04:09	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/08/21 04:09	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/08/21 04:09	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/08/21 04:09	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/08/21 04:09	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/08/21 04:09	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/08/21 04:09	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/08/21 04:09	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/08/21 04:09	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/08/21 04:09	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/08/21 04:09	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/08/21 04:09	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/08/21 04:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/08/21 04:09	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/08/21 04:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/08/21 04:09	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/08/21 04:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/08/21 04:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/08/21 04:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/08/21 04:09	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/08/21 04:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/08/21 04:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/08/21 04:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/08/21 04:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/08/21 04:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/08/21 04:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/08/21 04:09	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-89		Lab ID: 92537489019		Collected: 05/06/21 09:34		Received: 05/06/21 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							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/08/21 04:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/08/21 04:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/08/21 04:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/08/21 04:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/08/21 04:09	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/08/21 04:09	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/08/21 04:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/08/21 04:09	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/08/21 04:09	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/08/21 04:09	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/08/21 04:09	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/08/21 04:09	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/08/21 04:09	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/08/21 04:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/08/21 04:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/08/21 04:09	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/08/21 04:09	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/08/21 04:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/08/21 04:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/08/21 04:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/08/21 04:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/08/21 04:09	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/08/21 04:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/08/21 04:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/08/21 04:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/08/21 04:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/08/21 04:09	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/08/21 04:09	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/08/21 04:09	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/08/21 04:09	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		05/08/21 04:09	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		05/08/21 04:09	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		05/08/21 04:09	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: EB-1-20210506 Lab ID: 92537489020 Collected: 05/06/21 16:30 Received: 05/06/21 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		05/09/21 17:12		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/09/21 17:12		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/09/21 17:12		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/09/21 17:12		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/09/21 17:12		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		05/09/21 17:12	460-00-4	
4-Bromofluorobenzene (PID) (S)	100	%	70-130		1		05/09/21 17:12	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	4.6J	ug/L	5.0	4.5	1	05/12/21 12:22	05/12/21 19:33	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/12/21 11:54	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/12/21 11:54	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/12/21 11:54	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/12/21 11:54	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/12/21 11:54	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/12/21 11:54	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/12/21 11:54	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/12/21 11:54	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/12/21 11:54	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/12/21 11:54	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/12/21 11:54	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/12/21 11:54	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/12/21 11:54	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/12/21 11:54	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/12/21 11:54	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/12/21 11:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/12/21 11:54	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/12/21 11:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/12/21 11:54	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/12/21 11:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/12/21 11:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/12/21 11:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/12/21 11:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/12/21 11:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/12/21 11:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/12/21 11:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/12/21 11:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/12/21 11:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/12/21 11:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/12/21 11:54	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: EB-1-20210506		Lab ID: 92537489020		Collected: 05/06/21 16:30		Received: 05/06/21 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							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/12/21 11:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/12/21 11:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/12/21 11:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/12/21 11:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/12/21 11:54	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/12/21 11:54	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/12/21 11:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/12/21 11:54	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/12/21 11:54	98-82-8	
Methylene Chloride	3.2	ug/L	2.0	2.0	1		05/12/21 11:54	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/12/21 11:54	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/12/21 11:54	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/12/21 11:54	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/12/21 11:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/12/21 11:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/12/21 11:54	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/12/21 11:54	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/12/21 11:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/12/21 11:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/12/21 11:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/12/21 11:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/12/21 11:54	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/12/21 11:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/12/21 11:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/12/21 11:54	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/12/21 11:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/12/21 11:54	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/12/21 11:54	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/12/21 11:54	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/12/21 11:54	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		05/12/21 11:54	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130		1		05/12/21 11:54	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/12/21 11:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: DUP-1-20210506 Lab ID: 92537489021 Collected: 05/06/21 00:00 Received: 05/06/21 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		05/10/21 00:49		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/10/21 00:49		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/10/21 00:49		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/10/21 00:49		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/10/21 00:49		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		05/10/21 00:49	460-00-4	
4-Bromofluorobenzene (PID) (S)	102	%	70-130		1		05/10/21 00:49	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	05/12/21 12:22	05/12/21 19:36	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/08/21 04:27	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/08/21 04:27	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/08/21 04:27	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/08/21 04:27	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/08/21 04:27	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/08/21 04:27	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/08/21 04:27	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/08/21 04:27	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/08/21 04:27	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/08/21 04:27	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/08/21 04:27	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/08/21 04:27	75-00-3	
Chloroform	0.43J	ug/L	0.50	0.35	1		05/08/21 04:27	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/08/21 04:27	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/08/21 04:27	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/08/21 04:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/08/21 04:27	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/08/21 04:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/08/21 04:27	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/08/21 04:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/08/21 04:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/08/21 04:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/08/21 04:27	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/08/21 04:27	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/08/21 04:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/08/21 04:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/08/21 04:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/08/21 04:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/08/21 04:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/08/21 04:27	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: DUP-1-20210506		Lab ID: 92537489021		Collected: 05/06/21 00:00		Received: 05/06/21 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							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/08/21 04:27	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/08/21 04:27	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/08/21 04:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/08/21 04:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/08/21 04:27	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/08/21 04:27	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/08/21 04:27	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/08/21 04:27	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/08/21 04:27	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/08/21 04:27	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/08/21 04:27	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/08/21 04:27	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/08/21 04:27	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/08/21 04:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/08/21 04:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/08/21 04:27	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/08/21 04:27	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/08/21 04:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/08/21 04:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/08/21 04:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/08/21 04:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/08/21 04:27	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/08/21 04:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/08/21 04:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/08/21 04:27	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/08/21 04:27	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/08/21 04:27	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/08/21 04:27	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/08/21 04:27	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/08/21 04:27	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		05/08/21 04:27	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130		1		05/08/21 04:27	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/08/21 04:27	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: FB-1-20210506 Lab ID: 92537489022 Collected: 05/06/21 16:45 Received: 05/06/21 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		05/09/21 17:40		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/09/21 17:40		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/09/21 17:40		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/09/21 17:40		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/09/21 17:40		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1		05/09/21 17:40	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		05/09/21 17:40	460-00-4	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/07/21 22:43	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/07/21 22:43	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/07/21 22:43	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/07/21 22:43	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/07/21 22:43	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/07/21 22:43	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/07/21 22:43	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/07/21 22:43	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/07/21 22:43	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/07/21 22:43	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/07/21 22:43	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/07/21 22:43	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/07/21 22:43	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/07/21 22:43	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 22:43	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 22:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/07/21 22:43	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/07/21 22:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/07/21 22:43	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/07/21 22:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 22:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 22:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/07/21 22:43	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/07/21 22:43	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/07/21 22:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 22:43	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/07/21 22:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 22:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/07/21 22:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/07/21 22:43	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/07/21 22:43	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/07/21 22:43	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/07/21 22:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 22:43	10061-01-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: FB-1-20210506		Lab ID: 92537489022		Collected: 05/06/21 16:45		Received: 05/06/21 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							
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 22:43	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/07/21 22:43	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/07/21 22:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/07/21 22:43	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/07/21 22:43	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/07/21 22:43	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/07/21 22:43	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/07/21 22:43	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/07/21 22:43	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/07/21 22:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/07/21 22:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/07/21 22:43	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/07/21 22:43	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/07/21 22:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/07/21 22:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/07/21 22:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/07/21 22:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 22:43	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 22:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/07/21 22:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/07/21 22:43	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/07/21 22:43	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/07/21 22:43	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/07/21 22:43	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/07/21 22:43	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/07/21 22:43	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		05/07/21 22:43	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		05/07/21 22:43	460-00-4	
Toluene-d8 (S)	104	%	70-130		1		05/07/21 22:43	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: Trip Blank		Lab ID: 92537489023		Collected: 05/06/21 00:00		Received: 05/06/21 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							
Benzene	ND	ug/L	0.50	0.34	1		05/07/21 23:01	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/07/21 23:01	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/07/21 23:01	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/07/21 23:01	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/07/21 23:01	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/07/21 23:01	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/07/21 23:01	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/07/21 23:01	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/07/21 23:01	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/07/21 23:01	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/07/21 23:01	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/07/21 23:01	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/07/21 23:01	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/07/21 23:01	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 23:01	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/07/21 23:01	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/07/21 23:01	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/07/21 23:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/07/21 23:01	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/07/21 23:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 23:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/07/21 23:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/07/21 23:01	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/07/21 23:01	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/07/21 23:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 23:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/07/21 23:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 23:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/07/21 23:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/07/21 23:01	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/07/21 23:01	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/07/21 23:01	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/07/21 23:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 23:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/07/21 23:01	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/07/21 23:01	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/07/21 23:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/07/21 23:01	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/07/21 23:01	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/07/21 23:01	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/07/21 23:01	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/07/21 23:01	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/07/21 23:01	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/07/21 23:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/07/21 23:01	630-20-6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: Trip Blank		Lab ID: 92537489023		Collected: 05/06/21 00:00		Received: 05/06/21 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							
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/07/21 23:01	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/07/21 23:01	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/07/21 23:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/07/21 23:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/07/21 23:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/07/21 23:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/07/21 23:01	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/07/21 23:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/07/21 23:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/07/21 23:01	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/07/21 23:01	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/07/21 23:01	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/07/21 23:01	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/07/21 23:01	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/07/21 23:01	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		05/07/21 23:01	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		05/07/21 23:01	460-00-4	
Toluene-d8 (S)	104	%	70-130		1		05/07/21 23:01	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-06 Lab ID: 92537489024 Collected: 05/06/21 16:05 Received: 05/06/21 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		05/11/21 03:00		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/11/21 03:00		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/11/21 03:00		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/11/21 03:00		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/11/21 03:00		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	108	%	70-130		1		05/11/21 03:00	460-00-4	
4-Bromofluorobenzene (PID) (S)	109	%	70-130		1		05/11/21 03:00	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	05/12/21 17:36	05/14/21 18:21	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/11/21 04:39	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/11/21 04:39	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/11/21 04:39	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/11/21 04:39	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/11/21 04:39	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/11/21 04:39	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/11/21 04:39	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/11/21 04:39	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/11/21 04:39	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/11/21 04:39	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/11/21 04:39	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/11/21 04:39	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/11/21 04:39	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/11/21 04:39	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 04:39	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 04:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/11/21 04:39	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/11/21 04:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/11/21 04:39	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/11/21 04:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 04:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 04:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/11/21 04:39	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/11/21 04:39	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/11/21 04:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 04:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/11/21 04:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 04:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/11/21 04:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/11/21 04:39	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Sample: MW-06		Lab ID: 92537489024		Collected: 05/06/21 16:05		Received: 05/06/21 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							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/11/21 04:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/11/21 04:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/11/21 04:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 04:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 04:39	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/11/21 04:39	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/11/21 04:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/11/21 04:39	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/11/21 04:39	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/11/21 04:39	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/11/21 04:39	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/11/21 04:39	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/11/21 04:39	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/11/21 04:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/11/21 04:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/11/21 04:39	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/11/21 04:39	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/11/21 04:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/11/21 04:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/11/21 04:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/11/21 04:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 04:39	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 04:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/11/21 04:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/11/21 04:39	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/11/21 04:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/11/21 04:39	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/11/21 04:39	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/11/21 04:39	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/11/21 04:39	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		05/11/21 04:39	17060-07-0	
4-Bromofluorobenzene (S)	102	%	70-130		1		05/11/21 04:39	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		05/11/21 04:39	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

QC Batch:	618990	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92537489006, 92537489007, 92537489008, 92537489009, 92537489010, 92537489011		

METHOD BLANK: 3256936

Matrix: Water

Associated Lab Samples: 92537489006, 92537489007, 92537489008, 92537489009, 92537489010, 92537489011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/07/21 13:44	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/07/21 13:44	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/07/21 13:44	N2
4-Bromofluorobenzene (FID) (S)	%	99	70-130		05/07/21 13:44	
4-Bromofluorobenzene (PID) (S)	%	102	70-130		05/07/21 13:44	

LABORATORY CONTROL SAMPLE & LCSD: 3256937

3256938

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	315	323	105	108	70-130	2	25	N2
Aliphatic (C09-C12)	ug/L	300	340	336	113	112	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	109	109	109	109	70-130	0	25	N2
4-Bromofluorobenzene (FID) (S)	%				104	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				104	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

QC Batch:	619209	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92537489001, 92537489002, 92537489003, 92537489004, 92537489005, 92537489012, 92537489014, 92537489016, 92537489017, 92537489018, 92537489019, 92537489020, 92537489021, 92537489022		

METHOD BLANK: 3257901

Matrix: Water

Associated Lab Samples: 92537489001, 92537489002, 92537489003, 92537489004, 92537489005, 92537489012, 92537489014, 92537489016, 92537489017, 92537489018, 92537489019, 92537489020, 92537489021, 92537489022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/09/21 16:43	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/09/21 16:43	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/09/21 16:43	N2
4-Bromofluorobenzene (FID) (S)	%	98	70-130		05/09/21 16:43	
4-Bromofluorobenzene (PID) (S)	%	99	70-130		05/09/21 16:43	

LABORATORY CONTROL SAMPLE & LCSD: 3257902

3257903

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	318	315	106	105	70-130	1	25	N2
Aliphatic (C09-C12)	ug/L	300	336	342	112	114	70-130	2	25	N2
Aromatic (C09-C10)	ug/L	100	107	107	107	107	70-130	0	25	N2
4-Bromofluorobenzene (FID) (S)	%				98	99	70-130			
4-Bromofluorobenzene (PID) (S)	%				97	97	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

QC Batch:	619469	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92537489013, 92537489015, 92537489024		

METHOD BLANK: 3259156 Matrix: Water

Associated Lab Samples: 92537489013, 92537489015, 92537489024

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/10/21 18:26	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/10/21 18:26	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/10/21 18:26	N2
4-Bromofluorobenzene (FID) (S)	%	103	70-130		05/10/21 18:26	
4-Bromofluorobenzene (PID) (S)	%	102	70-130		05/10/21 18:26	

LABORATORY CONTROL SAMPLE & LCSD: 3259157

LABORATORY CONTROL SAMPLE & LCSD: 3259157			3259158							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	290	277	97	92	70-130	5	25	N2
Aliphatic (C09-C12)	ug/L	300	348	313	116	104	70-130	10	25	N2
Aromatic (C09-C10)	ug/L	100	108	98.0	108	98	70-130	9	25	N2
4-Bromofluorobenzene (FID) (S)	%				100	102	70-130			
4-Bromofluorobenzene (PID) (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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

QC Batch:	619869	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3010A	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Asheville
Associated Lab Samples:	92537489001, 92537489002, 92537489003, 92537489004, 92537489005, 92537489006, 92537489007, 92537489008, 92537489009, 92537489010, 92537489011, 92537489012		

METHOD BLANK:	3261147	Matrix:	Water
Associated Lab Samples:	92537489001, 92537489002, 92537489003, 92537489004, 92537489005, 92537489006, 92537489007, 92537489008, 92537489009, 92537489010, 92537489011, 92537489012		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	05/12/21 20:05	BC

LABORATORY CONTROL SAMPLE: 3261148						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	480	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:					3261149								3261150			
Parameter	Units	92537489002 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	420	439	84	88	75-125	4	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

QC Batch:	619872	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3010A	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Asheville
Associated Lab Samples:	92537489013, 92537489014, 92537489015, 92537489016, 92537489017, 92537489018, 92537489019, 92537489020, 92537489021		

METHOD BLANK:	3261162	Matrix:	Water
Associated Lab Samples:	92537489013, 92537489014, 92537489015, 92537489016, 92537489017, 92537489018, 92537489019, 92537489020, 92537489021		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	05/12/21 18:46	

LABORATORY CONTROL SAMPLE: 3261163						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	466	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:					3261164								3261165			
Parameter	Units	92537489013 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	473	460	95	92	75-125	3	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

QC Batch: 619958

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92537489024

METHOD BLANK: 3261652

Matrix: Water

Associated Lab Samples: 92537489024

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	05/14/21 18:15	

LABORATORY CONTROL SAMPLE: 3261653

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	475	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3261654 3261655

Parameter	Units	92537489024 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	500	98	99	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

QC Batch:	618986	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92537489006, 92537489007, 92537489008, 92537489009, 92537489010, 92537489011, 92537489012, 92537489014, 92537489015, 92537489016, 92537489017, 92537489018, 92537489019, 92537489021, 92537489022, 92537489023		

METHOD BLANK: 3256901

Matrix: Water

Associated Lab Samples: 92537489006, 92537489007, 92537489008, 92537489009, 92537489010, 92537489011, 92537489012, 92537489014, 92537489015, 92537489016, 92537489017, 92537489018, 92537489019, 92537489021, 92537489022, 92537489023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/07/21 22:07	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/07/21 22:07	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/07/21 22:07	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/07/21 22:07	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/07/21 22:07	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/07/21 22:07	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/07/21 22:07	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/07/21 22:07	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/07/21 22:07	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/07/21 22:07	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/07/21 22:07	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/07/21 22:07	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/07/21 22:07	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/07/21 22:07	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/07/21 22:07	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/07/21 22:07	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/07/21 22:07	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/07/21 22:07	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/07/21 22:07	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/07/21 22:07	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/07/21 22:07	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/07/21 22:07	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/07/21 22:07	
Benzene	ug/L	ND	0.50	0.34	05/07/21 22:07	
Bromobenzene	ug/L	ND	0.50	0.29	05/07/21 22:07	
Bromochloromethane	ug/L	ND	0.50	0.47	05/07/21 22:07	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/07/21 22:07	
Bromoform	ug/L	ND	0.50	0.34	05/07/21 22:07	
Bromomethane	ug/L	ND	5.0	1.7	05/07/21 22:07	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/07/21 22:07	
Chlorobenzene	ug/L	ND	0.50	0.28	05/07/21 22:07	
Chloroethane	ug/L	ND	1.0	0.65	05/07/21 22:07	
Chloroform	ug/L	ND	0.50	0.35	05/07/21 22:07	
Chloromethane	ug/L	ND	1.0	0.54	05/07/21 22:07	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/07/21 22:07	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/07/21 22:07	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/07/21 22:07	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

METHOD BLANK: 3256901

Matrix: Water

Associated Lab Samples: 92537489006, 92537489007, 92537489008, 92537489009, 92537489010, 92537489011, 92537489012, 92537489014, 92537489015, 92537489016, 92537489017, 92537489018, 92537489019, 92537489021, 92537489022, 92537489023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	0.50	0.39	05/07/21 22:07	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/07/21 22:07	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/07/21 22:07	
Ethylbenzene	ug/L	ND	0.50	0.30	05/07/21 22:07	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/07/21 22:07	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/07/21 22:07	
m&p-Xylene	ug/L	ND	1.0	0.71	05/07/21 22:07	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/07/21 22:07	
Methylene Chloride	ug/L	ND	2.0	2.0	05/07/21 22:07	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/07/21 22:07	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/07/21 22:07	
Naphthalene	ug/L	ND	2.0	0.64	05/07/21 22:07	
o-Xylene	ug/L	ND	0.50	0.34	05/07/21 22:07	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/07/21 22:07	
Styrene	ug/L	ND	0.50	0.29	05/07/21 22:07	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/07/21 22:07	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/07/21 22:07	
Toluene	ug/L	ND	0.50	0.48	05/07/21 22:07	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/07/21 22:07	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/07/21 22:07	
Trichloroethene	ug/L	ND	0.50	0.38	05/07/21 22:07	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/07/21 22:07	
Vinyl chloride	ug/L	ND	1.0	0.39	05/07/21 22:07	
1,2-Dichloroethane-d4 (S)	%	97	70-130		05/07/21 22:07	
4-Bromofluorobenzene (S)	%	95	70-130		05/07/21 22:07	
Toluene-d8 (S)	%	105	70-130		05/07/21 22:07	

LABORATORY CONTROL SAMPLE: 3256902

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.9	102	60-140	
1,1,1-Trichloroethane	ug/L	50	51.1	102	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	55.2	110	60-140	
1,1,2-Trichloroethane	ug/L	50	53.0	106	60-140	
1,1-Dichloroethane	ug/L	50	58.1	116	60-140	
1,1-Dichloroethene	ug/L	50	59.8	120	60-140	
1,1-Dichloropropene	ug/L	50	54.9	110	60-140	
1,2,3-Trichlorobenzene	ug/L	50	39.8	80	60-140	
1,2,3-Trichloropropane	ug/L	50	52.3	105	60-140	
1,2,4-Trichlorobenzene	ug/L	50	41.5	83	60-140	
1,2,4-Trimethylbenzene	ug/L	50	50.3	101	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	55.4	111	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

LABORATORY CONTROL SAMPLE: 3256902

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	56.2	112	60-140	
1,2-Dichlorobenzene	ug/L	50	46.7	93	60-140	
1,2-Dichloroethane	ug/L	50	45.9	92	60-140	
1,2-Dichloropropane	ug/L	50	57.6	115	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.1	98	60-140	
1,3-Dichlorobenzene	ug/L	50	46.9	94	60-140	
1,3-Dichloropropane	ug/L	50	59.9	120	60-140	
1,4-Dichlorobenzene	ug/L	50	46.7	93	60-140	
2,2-Dichloropropane	ug/L	50	53.0	106	60-140	
2-Chlorotoluene	ug/L	50	52.9	106	60-140	
4-Chlorotoluene	ug/L	50	51.6	103	60-140	
Benzene	ug/L	50	52.0	104	60-140	
Bromobenzene	ug/L	50	52.7	105	60-140	
Bromochloromethane	ug/L	50	52.8	106	60-140	
Bromodichloromethane	ug/L	50	51.7	103	60-140	
Bromoform	ug/L	50	50.6	101	60-140	
Bromomethane	ug/L	50	45.6	91	60-140	
Carbon tetrachloride	ug/L	50	44.4	89	60-140	
Chlorobenzene	ug/L	50	51.9	104	60-140	
Chloroethane	ug/L	50	41.7	83	60-140	
Chloroform	ug/L	50	48.9	98	60-140	
Chloromethane	ug/L	50	65.8	132	60-140	
cis-1,2-Dichloroethene	ug/L	50	58.0	116	60-140	
cis-1,3-Dichloropropene	ug/L	50	56.1	112	60-140	
Dibromochloromethane	ug/L	50	55.7	111	60-140	
Dibromomethane	ug/L	50	49.4	99	60-140	
Dichlorodifluoromethane	ug/L	50	44.9	90	60-140	
Diisopropyl ether	ug/L	50	61.3	123	60-140	
Ethylbenzene	ug/L	50	52.0	104	60-140	
Hexachloro-1,3-butadiene	ug/L	50	43.3	87	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.4	97	60-140	
m&p-Xylene	ug/L	100	103	103	60-140	
Methyl-tert-butyl ether	ug/L	50	53.5	107	60-140	
Methylene Chloride	ug/L	50	58.0	116	60-140	
n-Butylbenzene	ug/L	50	45.4	91	60-140	
n-Propylbenzene	ug/L	50	50.2	100	60-140	
Naphthalene	ug/L	50	43.8	88	60-140	
o-Xylene	ug/L	50	50.0	100	60-140	
sec-Butylbenzene	ug/L	50	45.2	90	60-140	
Styrene	ug/L	50	52.8	106	60-140	
tert-Butylbenzene	ug/L	50	39.5	79	60-140	
Tetrachloroethene	ug/L	50	49.2	98	60-140	
Toluene	ug/L	50	50.8	102	60-140	
trans-1,2-Dichloroethene	ug/L	50	58.7	117	60-140	
trans-1,3-Dichloropropene	ug/L	50	54.5	109	60-140	
Trichloroethene	ug/L	50	47.7	95	60-140	
Trichlorofluoromethane	ug/L	50	38.4	77	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

LABORATORY CONTROL SAMPLE: 3256902

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Vinyl chloride	ug/L	50	62.0	124	60-140	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3256903 3256904

Parameter	Units	92537489015		MSD		MSD		MSD		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Result	Spike Conc.	Result	Spike Conc.	Result	Spike Conc.	% Rec	% Rec				
1,1,1,2-Tetrachloroethane	ug/L	ND	100	100	113	110	113	110	110	113	110	60-140	3	30	
1,1,1-Trichloroethane	ug/L	ND	100	100	121	120	121	120	120	121	120	60-140	1	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	100	100	119	114	119	114	114	119	114	60-140	5	30	
1,1,2-Trichloroethane	ug/L	ND	100	100	116	112	116	112	112	116	112	60-140	3	30	
1,1-Dichloroethane	ug/L	ND	100	100	134	132	134	132	132	134	132	60-140	2	30	
1,1-Dichloroethene	ug/L	ND	100	100	143	137	143	137	137	143	137	60-140	4	30	M1
1,1-Dichloropropene	ug/L	ND	100	100	128	130	128	130	130	128	130	60-140	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	100	100	78.7	85.9	79	86	86	79	86	60-140	9	30	
1,2,3-Trichloropropane	ug/L	ND	100	100	119	111	119	111	111	119	111	60-140	6	30	
1,2,4-Trichlorobenzene	ug/L	ND	100	100	83.3	87.6	83	88	88	83	88	60-140	5	30	
1,2,4-Trimethylbenzene	ug/L	39.4	100	100	155	149	115	109	109	115	109	60-140	4	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	100	100	111	107	111	107	107	111	107	60-140	4	30	
1,2-Dibromoethane (EDB)	ug/L	ND	100	100	123	122	123	122	122	123	122	60-140	1	30	
1,2-Dichlorobenzene	ug/L	ND	100	100	99.9	97.0	100	97	97	100	97	60-140	3	30	
1,2-Dichloroethane	ug/L	ND	100	100	103	101	103	101	101	103	101	60-140	2	30	
1,2-Dichloropropane	ug/L	ND	100	100	128	125	128	125	125	128	125	60-140	2	30	
1,3,5-Trimethylbenzene	ug/L	ND	100	100	124	116	124	116	116	124	116	60-140	6	30	
1,3-Dichlorobenzene	ug/L	ND	100	100	101	96.9	101	97	97	101	97	60-140	4	30	
1,3-Dichloropropane	ug/L	ND	100	100	131	129	131	129	129	131	129	60-140	1	30	
1,4-Dichlorobenzene	ug/L	ND	100	100	99.6	96.7	100	97	97	100	97	60-140	3	30	
2,2-Dichloropropane	ug/L	ND	100	100	97.0	96.5	96	96	96	96	96	60-140	1	30	
2-Chlorotoluene	ug/L	ND	100	100	120	111	120	111	111	120	111	60-140	8	30	
4-Chlorotoluene	ug/L	ND	100	100	111	105	111	105	105	111	105	60-140	5	30	
Benzene	ug/L	521	100	100	629	648	108	127	127	108	127	60-140	3	30	
Bromobenzene	ug/L	ND	100	100	115	110	115	110	110	115	110	60-140	4	30	
Bromochloromethane	ug/L	ND	100	100	120	116	120	116	116	120	116	60-140	3	30	
Bromodichloromethane	ug/L	ND	100	100	113	111	113	111	111	113	111	60-140	2	30	
Bromoform	ug/L	ND	100	100	103	101	103	101	101	103	101	60-140	3	30	
Bromomethane	ug/L	ND	100	100	97.7	103	98	103	103	98	103	60-140	6	30	
Carbon tetrachloride	ug/L	ND	100	100	107	110	107	110	110	107	110	60-140	2	30	
Chlorobenzene	ug/L	ND	100	100	118	113	118	113	113	118	113	60-140	4	30	
Chloroethane	ug/L	ND	100	100	105	107	105	107	107	105	107	60-140	2	30	
Chloroform	ug/L	ND	100	100	109	109	108	108	108	109	108	60-140	1	30	
Chloromethane	ug/L	ND	100	100	143	144	143	144	144	143	144	60-140	0	30	M1
cis-1,2-Dichloroethene	ug/L	ND	100	100	132	130	132	130	130	132	130	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3256903	3256904									
Parameter	Units	92537489015	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
cis-1,3-Dichloropropene	ug/L	ND	100	100	115	113	115	113	60-140		1	30	
Dibromochloromethane	ug/L	ND	100	100	117	116	117	116	60-140		1	30	
Dibromomethane	ug/L	ND	100	100	108	106	108	106	60-140		2	30	
Dichlorodifluoromethane	ug/L	ND	100	100	85.5	86.6	85	87	60-140		1	30	
Diisopropyl ether	ug/L	96.5	100	100	236	233	140	137	60-140		1	30	
Ethylbenzene	ug/L	6.9	100	100	126	123	119	116	60-140		3	30	
Hexachloro-1,3-butadiene	ug/L	ND	100	100	103	101	103	101	60-140		3	30	
Isopropylbenzene (Cumene)	ug/L	ND	100	100	112	109	112	109	60-140		3	30	
m&p-Xylene	ug/L	380	200	200	627	630	124	125	60-140		1	30	
Methyl-tert-butyl ether	ug/L	ND	100	100	120	115	120	115	60-140		4	30	
Methylene Chloride	ug/L	ND	100	100	134	131	128	125	60-140		2	30	
n-Butylbenzene	ug/L	ND	100	100	103	101	103	101	60-140		2	30	
n-Propylbenzene	ug/L	ND	100	100	114	106	114	106	60-140		6	30	
Naphthalene	ug/L	7.9J	100	100	85.4	93.3	77	85	60-140		9	30	
o-Xylene	ug/L	215	100	100	336	335	120	120	60-140		0	30	
sec-Butylbenzene	ug/L	ND	100	100	109	101	109	101	60-140		8	30	
Styrene	ug/L	ND	100	100	116	113	116	113	60-140		2	30	
tert-Butylbenzene	ug/L	ND	100	100	94.8	88.1	95	88	60-140		7	30	
Tetrachloroethene	ug/L	ND	100	100	112	112	112	112	60-140		0	30	
Toluene	ug/L	999	100	100	1080	1110	77	112	60-140		3	30	E
trans-1,2-Dichloroethene	ug/L	ND	100	100	136	133	136	133	60-140		2	30	
trans-1,3-Dichloropropene	ug/L	ND	100	100	108	107	108	107	60-140		1	30	
Trichloroethene	ug/L	ND	100	100	111	110	111	110	60-140		1	30	
Trichlorofluoromethane	ug/L	ND	100	100	103	103	103	103	60-140		0	30	
Vinyl chloride	ug/L	ND	100	100	138	137	138	137	60-140		1	30	
1,2-Dichloroethane-d4 (S)	%						104	105	70-130				
4-Bromofluorobenzene (S)	%						98	99	70-130				
Toluene-d8 (S)	%						97	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

QC Batch:	619042	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92537489001, 92537489002, 92537489003

METHOD BLANK: 3257153 Matrix: Water

Associated Lab Samples: 92537489001, 92537489002, 92537489003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/07/21 23:05	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/07/21 23:05	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/07/21 23:05	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/07/21 23:05	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/07/21 23:05	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/07/21 23:05	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/07/21 23:05	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/07/21 23:05	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/07/21 23:05	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/07/21 23:05	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/07/21 23:05	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/07/21 23:05	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/07/21 23:05	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/07/21 23:05	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/07/21 23:05	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/07/21 23:05	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/07/21 23:05	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/07/21 23:05	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/07/21 23:05	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/07/21 23:05	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/07/21 23:05	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/07/21 23:05	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/07/21 23:05	
Benzene	ug/L	ND	0.50	0.34	05/07/21 23:05	
Bromobenzene	ug/L	ND	0.50	0.29	05/07/21 23:05	
Bromochloromethane	ug/L	ND	0.50	0.47	05/07/21 23:05	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/07/21 23:05	
Bromoform	ug/L	ND	0.50	0.34	05/07/21 23:05	
Bromomethane	ug/L	ND	5.0	1.7	05/07/21 23:05	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/07/21 23:05	
Chlorobenzene	ug/L	ND	0.50	0.28	05/07/21 23:05	
Chloroethane	ug/L	ND	1.0	0.65	05/07/21 23:05	
Chloroform	ug/L	ND	0.50	0.35	05/07/21 23:05	
Chloromethane	ug/L	ND	1.0	0.54	05/07/21 23:05	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/07/21 23:05	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/07/21 23:05	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/07/21 23:05	
Dibromomethane	ug/L	ND	0.50	0.39	05/07/21 23:05	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/07/21 23:05	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/07/21 23:05	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

METHOD BLANK: 3257153

Matrix: Water

Associated Lab Samples: 92537489001, 92537489002, 92537489003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/07/21 23:05	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/07/21 23:05	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/07/21 23:05	
m&p-Xylene	ug/L	ND	1.0	0.71	05/07/21 23:05	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/07/21 23:05	
Methylene Chloride	ug/L	ND	2.0	2.0	05/07/21 23:05	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/07/21 23:05	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/07/21 23:05	
Naphthalene	ug/L	ND	2.0	0.64	05/07/21 23:05	
o-Xylene	ug/L	ND	0.50	0.34	05/07/21 23:05	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/07/21 23:05	
Styrene	ug/L	ND	0.50	0.29	05/07/21 23:05	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/07/21 23:05	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/07/21 23:05	
Toluene	ug/L	ND	0.50	0.48	05/07/21 23:05	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/07/21 23:05	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/07/21 23:05	
Trichloroethene	ug/L	ND	0.50	0.38	05/07/21 23:05	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/07/21 23:05	
Vinyl chloride	ug/L	ND	1.0	0.39	05/07/21 23:05	
1,2-Dichloroethane-d4 (S)	%	94	70-130		05/07/21 23:05	
4-Bromofluorobenzene (S)	%	100	70-130		05/07/21 23:05	
Toluene-d8 (S)	%	100	70-130		05/07/21 23:05	

LABORATORY CONTROL SAMPLE: 3257154

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.1	94	60-140	
1,1,1-Trichloroethane	ug/L	50	46.6	93	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	45.3	91	60-140	
1,1,2-Trichloroethane	ug/L	50	49.8	100	60-140	
1,1-Dichloroethane	ug/L	50	44.8	90	60-140	
1,1-Dichloroethene	ug/L	50	46.4	93	60-140	
1,1-Dichloropropene	ug/L	50	48.3	97	60-140	
1,2,3-Trichlorobenzene	ug/L	50	46.0	92	60-140	
1,2,3-Trichloropropane	ug/L	50	45.5	91	60-140	
1,2,4-Trichlorobenzene	ug/L	50	47.3	95	60-140	
1,2,4-Trimethylbenzene	ug/L	50	43.8	88	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	45.7	91	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	48.8	98	60-140	
1,2-Dichlorobenzene	ug/L	50	46.3	93	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	44.7	89	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

LABORATORY CONTROL SAMPLE: 3257154

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	46.8	94	60-140	
1,3-Dichloropropane	ug/L	50	47.4	95	60-140	
1,4-Dichlorobenzene	ug/L	50	45.7	91	60-140	
2,2-Dichloropropane	ug/L	50	43.0	86	60-140	
2-Chlorotoluene	ug/L	50	45.8	92	60-140	
4-Chlorotoluene	ug/L	50	42.8	86	60-140	
Benzene	ug/L	50	47.9	96	60-140	
Bromobenzene	ug/L	50	46.7	93	60-140	
Bromochloromethane	ug/L	50	49.0	98	60-140	
Bromodichloromethane	ug/L	50	46.2	92	60-140	
Bromoform	ug/L	50	46.7	93	60-140	
Bromomethane	ug/L	50	57.6	115	60-140	
Carbon tetrachloride	ug/L	50	50.0	100	60-140	
Chlorobenzene	ug/L	50	47.6	95	60-140	
Chloroethane	ug/L	50	42.5	85	60-140	
Chloroform	ug/L	50	47.1	94	60-140	
Chloromethane	ug/L	50	43.3	87	60-140	
cis-1,2-Dichloroethene	ug/L	50	46.6	93	60-140	
cis-1,3-Dichloropropene	ug/L	50	46.6	93	60-140	
Dibromochloromethane	ug/L	50	48.1	96	60-140	
Dibromomethane	ug/L	50	48.5	97	60-140	
Dichlorodifluoromethane	ug/L	50	45.0	90	60-140	
Diisopropyl ether	ug/L	50	41.9	84	60-140	
Ethylbenzene	ug/L	50	45.5	91	60-140	
Hexachloro-1,3-butadiene	ug/L	50	46.5	93	60-140	
Isopropylbenzene (Cumene)	ug/L	50	46.5	93	60-140	
m&p-Xylene	ug/L	100	91.0	91	60-140	
Methyl-tert-butyl ether	ug/L	50	48.9	98	60-140	
Methylene Chloride	ug/L	50	45.4	91	60-140	
n-Butylbenzene	ug/L	50	43.1	86	60-140	
n-Propylbenzene	ug/L	50	44.4	89	60-140	
Naphthalene	ug/L	50	46.3	93	60-140	
o-Xylene	ug/L	50	45.0	90	60-140	
sec-Butylbenzene	ug/L	50	43.2	86	60-140	
Styrene	ug/L	50	47.6	95	60-140	
tert-Butylbenzene	ug/L	50	37.0	74	60-140	
Tetrachloroethene	ug/L	50	46.7	93	60-140	
Toluene	ug/L	50	46.0	92	60-140	
trans-1,2-Dichloroethene	ug/L	50	46.7	93	60-140	
trans-1,3-Dichloropropene	ug/L	50	44.8	90	60-140	
Trichloroethene	ug/L	50	48.9	98	60-140	
Trichlorofluoromethane	ug/L	50	46.5	93	60-140	
Vinyl chloride	ug/L	50	45.3	91	60-140	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3257155				3257156									
Parameter	Units	92537153003	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
1,1,1,2-Tetrachloroethane	ug/L	ND	100	100	100	93.6	100	94	60-140	7	30		
1,1,1-Trichloroethane	ug/L	ND	100	100	107	97.1	107	97	60-140	9	30		
1,1,2,2-Tetrachloroethane	ug/L	ND	100	100	90.0	91.0	90	91	60-140	1	30		
1,1,2-Trichloroethane	ug/L	ND	100	100	101	103	101	103	60-140	2	30		
1,1-Dichloroethane	ug/L	ND	100	100	104	97.4	104	97	60-140	6	30		
1,1-Dichloroethene	ug/L	ND	100	100	110	97.9	110	98	60-140	12	30		
1,1-Dichloropropene	ug/L	ND	100	100	108	98.3	108	98	60-140	10	30		
1,2,3-Trichlorobenzene	ug/L	ND	100	100	89.5	83.6	89	84	60-140	7	30		
1,2,3-Trichloropropane	ug/L	ND	100	100	92.4	91.0	92	91	60-140	2	30		
1,2,4-Trichlorobenzene	ug/L	ND	100	100	90.4	81.5	90	81	60-140	10	30		
1,2,4-Trimethylbenzene	ug/L	13.5	100	100	105	92.8	92	79	60-140	12	30		
1,2-Dibromo-3-chloropropane	ug/L	ND	100	100	92.3	86.7	92	87	60-140	6	30		
1,2-Dibromoethane (EDB)	ug/L	ND	100	100	98.9	96.2	99	96	60-140	3	30		
1,2-Dichlorobenzene	ug/L	ND	100	100	94.9	83.8	95	84	60-140	12	30		
1,2-Dichloroethane	ug/L	ND	100	100	104	101	104	101	60-140	3	30		
1,2-Dichloropropane	ug/L	ND	100	100	107	104	107	104	60-140	2	30		
1,3,5-Trimethylbenzene	ug/L	ND	100	100	99.0	87.7	99	88	60-140	12	30		
1,3-Dichlorobenzene	ug/L	ND	100	100	94.0	86.5	94	87	60-140	8	30		
1,3-Dichloropropane	ug/L	ND	100	100	99.2	97.5	99	98	60-140	2	30		
1,4-Dichlorobenzene	ug/L	ND	100	100	96.9	83.8	97	84	60-140	14	30		
2,2-Dichloropropane	ug/L	ND	100	100	33.8	29.0	34	29	60-140	15	30	M1	
2-Chlorotoluene	ug/L	ND	100	100	95.9	84.8	96	85	60-140	12	30		
4-Chlorotoluene	ug/L	ND	100	100	90.0	77.8	90	78	60-140	15	30		
Benzene	ug/L	720	100	100	793	758	73	38	60-140	5	30	M1	
Bromobenzene	ug/L	ND	100	100	98.6	89.6	99	90	60-140	10	30		
Bromochloromethane	ug/L	ND	100	100	109	101	109	101	60-140	8	30		
Bromodichloromethane	ug/L	ND	100	100	97.1	96.8	97	97	60-140	0	30		
Bromoform	ug/L	ND	100	100	92.1	95.9	92	96	60-140	4	30		
Bromomethane	ug/L	ND	100	100	128	131	128	131	60-140	2	30		
Carbon tetrachloride	ug/L	ND	100	100	113	100	113	100	60-140	12	30		
Chlorobenzene	ug/L	ND	100	100	101	93.0	101	93	60-140	8	30		
Chloroethane	ug/L	ND	100	100	106	102	106	102	60-140	3	30		
Chloroform	ug/L	ND	100	100	103	98.5	102	98	60-140	4	30		
Chloromethane	ug/L	ND	100	100	102	98.0	102	98	60-140	4	30		
cis-1,2-Dichloroethene	ug/L	ND	100	100	105	98.5	105	99	60-140	7	30		
cis-1,3-Dichloropropene	ug/L	ND	100	100	80.7	78.6	81	79	60-140	3	30		
Dibromochloromethane	ug/L	ND	100	100	97.5	97.4	98	97	60-140	0	30		
Dibromomethane	ug/L	ND	100	100	103	104	103	104	60-140	1	30		
Dichlorodifluoromethane	ug/L	ND	100	100	114	100	114	100	60-140	13	30		
Diisopropyl ether	ug/L	105	100	100	205	200	100	94	60-140	2	30		
Ethylbenzene	ug/L	4.7	100	100	103	92.0	98	87	60-140	11	30		
Hexachloro-1,3-butadiene	ug/L	ND	100	100	85.7	79.7	86	80	60-140	7	30		
Isopropylbenzene (Cumene)	ug/L	ND	100	100	102	92.9	102	93	60-140	10	30		
m&p-Xylene	ug/L	72.2	200	200	264	236	96	82	60-140	11	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3257155 3257156											
Parameter	Units	92537153003		MS		MSD		MS		MSD	
		Result	Conc.	Spike	Conc.	Result	Conc.	% Rec	% Rec	Limits	Max
										RPD	RPD
Methyl-tert-butyl ether	ug/L	53.9	100	100	100	160	159	106	105	60-140	1 30
Methylene Chloride	ug/L	ND	100	100	100	102	98.7	102	99	60-140	3 30
n-Butylbenzene	ug/L	ND	100	100	100	83.5	71.8	83	72	60-140	15 30
n-Propylbenzene	ug/L	ND	100	100	100	94.9	81.1	95	81	60-140	16 30
Naphthalene	ug/L	9.3J	100	100	100	97.8	93.9	89	85	60-140	4 30
o-Xylene	ug/L	34.0	100	100	100	131	121	97	87	60-140	9 30
sec-Butylbenzene	ug/L	ND	100	100	100	91.5	79.5	91	79	60-140	14 30
Styrene	ug/L	ND	100	100	100	99.5	91.9	99	92	60-140	8 30
tert-Butylbenzene	ug/L	ND	100	100	100	82.1	71.7	82	72	60-140	14 30
Tetrachloroethene	ug/L	ND	100	100	100	102	88.5	102	89	60-140	14 30
Toluene	ug/L	33.8	100	100	100	134	122	100	88	60-140	10 30
trans-1,2-Dichloroethene	ug/L	ND	100	100	100	103	95.0	103	95	60-140	8 30
trans-1,3-Dichloropropene	ug/L	ND	100	100	100	76.6	76.6	77	77	60-140	0 30
Trichloroethene	ug/L	ND	100	100	100	111	98.4	111	98	60-140	12 30
Trichlorofluoromethane	ug/L	ND	100	100	100	110	98.4	110	98	60-140	11 30
Vinyl chloride	ug/L	ND	100	100	100	107	101	107	101	60-140	6 30
1,2-Dichloroethane-d4 (S)	%							94	96	70-130	
4-Bromofluorobenzene (S)	%							97	100	70-130	
Toluene-d8 (S)	%							99	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

QC Batch: 619327

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92537489004, 92537489005, 92537489013

METHOD BLANK: 3258530

Matrix: Water

Associated Lab Samples: 92537489004, 92537489005, 92537489013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/10/21 12:34	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/10/21 12:34	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/10/21 12:34	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/10/21 12:34	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/10/21 12:34	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/10/21 12:34	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/10/21 12:34	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/10/21 12:34	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/10/21 12:34	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/10/21 12:34	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/10/21 12:34	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/10/21 12:34	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/10/21 12:34	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/10/21 12:34	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/10/21 12:34	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/10/21 12:34	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/10/21 12:34	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/10/21 12:34	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/10/21 12:34	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/10/21 12:34	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/10/21 12:34	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/10/21 12:34	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/10/21 12:34	
Benzene	ug/L	ND	0.50	0.34	05/10/21 12:34	
Bromobenzene	ug/L	ND	0.50	0.29	05/10/21 12:34	
Bromochloromethane	ug/L	ND	0.50	0.47	05/10/21 12:34	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/10/21 12:34	
Bromoform	ug/L	ND	0.50	0.34	05/10/21 12:34	
Bromomethane	ug/L	ND	5.0	1.7	05/10/21 12:34	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/10/21 12:34	
Chlorobenzene	ug/L	ND	0.50	0.28	05/10/21 12:34	
Chloroethane	ug/L	ND	1.0	0.65	05/10/21 12:34	
Chloroform	ug/L	ND	0.50	0.35	05/10/21 12:34	
Chloromethane	ug/L	ND	1.0	0.54	05/10/21 12:34	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/10/21 12:34	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/10/21 12:34	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/10/21 12:34	
Dibromomethane	ug/L	ND	0.50	0.39	05/10/21 12:34	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/10/21 12:34	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/10/21 12:34	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

METHOD BLANK: 3258530

Matrix: Water

Associated Lab Samples: 92537489004, 92537489005, 92537489013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/10/21 12:34	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/10/21 12:34	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/10/21 12:34	
m&p-Xylene	ug/L	ND	1.0	0.71	05/10/21 12:34	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/10/21 12:34	
Methylene Chloride	ug/L	ND	2.0	2.0	05/10/21 12:34	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/10/21 12:34	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/10/21 12:34	
Naphthalene	ug/L	ND	2.0	0.64	05/10/21 12:34	
o-Xylene	ug/L	ND	0.50	0.34	05/10/21 12:34	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/10/21 12:34	
Styrene	ug/L	ND	0.50	0.29	05/10/21 12:34	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/10/21 12:34	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/10/21 12:34	
Toluene	ug/L	ND	0.50	0.48	05/10/21 12:34	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/10/21 12:34	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/10/21 12:34	
Trichloroethene	ug/L	ND	0.50	0.38	05/10/21 12:34	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/10/21 12:34	
Vinyl chloride	ug/L	ND	1.0	0.39	05/10/21 12:34	
1,2-Dichloroethane-d4 (S)	%	98	70-130		05/10/21 12:34	
4-Bromofluorobenzene (S)	%	103	70-130		05/10/21 12:34	
Toluene-d8 (S)	%	100	70-130		05/10/21 12:34	

LABORATORY CONTROL SAMPLE: 3258531

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	46.7	93	60-140	
1,1,1-Trichloroethane	ug/L	50	46.6	93	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	43.1	86	60-140	
1,1,2-Trichloroethane	ug/L	50	46.3	93	60-140	
1,1-Dichloroethane	ug/L	50	44.2	88	60-140	
1,1-Dichloroethene	ug/L	50	46.1	92	60-140	
1,1-Dichloropropene	ug/L	50	47.1	94	60-140	
1,2,3-Trichlorobenzene	ug/L	50	44.9	90	60-140	
1,2,3-Trichloropropane	ug/L	50	43.1	86	60-140	
1,2,4-Trichlorobenzene	ug/L	50	45.9	92	60-140	
1,2,4-Trimethylbenzene	ug/L	50	43.0	86	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	44.7	89	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	46.6	93	60-140	
1,2-Dichlorobenzene	ug/L	50	43.6	87	60-140	
1,2-Dichloroethane	ug/L	50	44.7	89	60-140	
1,2-Dichloropropane	ug/L	50	47.3	95	60-140	
1,3,5-Trimethylbenzene	ug/L	50	44.2	88	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

LABORATORY CONTROL SAMPLE: 3258531

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	44.6	89	60-140	
1,3-Dichloropropane	ug/L	50	45.0	90	60-140	
1,4-Dichlorobenzene	ug/L	50	43.6	87	60-140	
2,2-Dichloropropane	ug/L	50	43.2	86	60-140	
2-Chlorotoluene	ug/L	50	44.0	88	60-140	
4-Chlorotoluene	ug/L	50	41.2	82	60-140	
Benzene	ug/L	50	45.9	92	60-140	
Bromobenzene	ug/L	50	44.5	89	60-140	
Bromochloromethane	ug/L	50	46.9	94	60-140	
Bromodichloromethane	ug/L	50	44.6	89	60-140	
Bromoform	ug/L	50	48.9	98	60-140	
Bromomethane	ug/L	50	53.9	108	60-140	
Carbon tetrachloride	ug/L	50	50.4	101	60-140	
Chlorobenzene	ug/L	50	46.1	92	60-140	
Chloroethane	ug/L	50	39.5	79	60-140	
Chloroform	ug/L	50	44.7	89	60-140	
Chloromethane	ug/L	50	46.2	92	60-140	
cis-1,2-Dichloroethene	ug/L	50	44.7	89	60-140	
cis-1,3-Dichloropropene	ug/L	50	45.4	91	60-140	
Dibromochloromethane	ug/L	50	48.2	96	60-140	
Dibromomethane	ug/L	50	47.5	95	60-140	
Dichlorodifluoromethane	ug/L	50	47.6	95	60-140	
Diisopropyl ether	ug/L	50	42.6	85	60-140	
Ethylbenzene	ug/L	50	44.8	90	60-140	
Hexachloro-1,3-butadiene	ug/L	50	47.7	95	60-140	
Isopropylbenzene (Cumene)	ug/L	50	45.9	92	60-140	
m&p-Xylene	ug/L	100	90.4	90	60-140	
Methyl-tert-butyl ether	ug/L	50	48.1	96	60-140	
Methylene Chloride	ug/L	50	45.5	91	60-140	
n-Butylbenzene	ug/L	50	43.4	87	60-140	
n-Propylbenzene	ug/L	50	43.6	87	60-140	
Naphthalene	ug/L	50	43.7	87	60-140	
o-Xylene	ug/L	50	43.8	88	60-140	
sec-Butylbenzene	ug/L	50	42.7	85	60-140	
Styrene	ug/L	50	46.5	93	60-140	
tert-Butylbenzene	ug/L	50	36.6	73	60-140	
Tetrachloroethene	ug/L	50	47.7	95	60-140	
Toluene	ug/L	50	45.4	91	60-140	
trans-1,2-Dichloroethene	ug/L	50	45.5	91	60-140	
trans-1,3-Dichloropropene	ug/L	50	44.8	90	60-140	
Trichloroethene	ug/L	50	49.2	98	60-140	
Trichlorofluoromethane	ug/L	50	44.9	90	60-140	
Vinyl chloride	ug/L	50	45.2	90	60-140	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3258532 3258533											
Parameter	Units	92535937018 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	800	800	932	829	116	104	60-140	12	30
1,1,1-Trichloroethane	ug/L	ND	800	800	984	926	123	116	60-140	6	30
1,1,2,2-Tetrachloroethane	ug/L	ND	800	800	870	785	109	98	60-140	10	30
1,1,2-Trichloroethane	ug/L	ND	800	800	963	883	120	110	60-140	9	30
1,1-Dichloroethane	ug/L	ND	800	800	949	891	119	111	60-140	6	30
1,1-Dichloroethene	ug/L	ND	800	800	987	936	123	117	60-140	5	30
1,1-Dichloropropene	ug/L	ND	800	800	994	941	124	118	60-140	6	30
1,2,3-Trichlorobenzene	ug/L	ND	800	800	787	745	98	93	60-140	6	30
1,2,3-Trichloropropane	ug/L	ND	800	800	883	820	110	102	60-140	7	30
1,2,4-Trichlorobenzene	ug/L	ND	800	800	786	764	98	95	60-140	3	30
1,2,4-Trimethylbenzene	ug/L	1250	800	800	2100	2040	106	98	60-140	3	30
1,2-Dibromo-3-chloropropane	ug/L	ND	800	800	864	752	108	94	60-140	14	30
1,2-Dibromoethane (EDB)	ug/L	21.0	800	800	972	888	119	108	60-140	9	30
1,2-Dichlorobenzene	ug/L	ND	800	800	826	766	103	96	60-140	8	30
1,2-Dichloroethane	ug/L	ND	800	800	972	909	120	112	60-140	7	30
1,2-Dichloropropane	ug/L	ND	800	800	989	911	124	114	60-140	8	30
1,3,5-Trimethylbenzene	ug/L	ND	800	800	1160	1120	145	139	60-140	4	30 M1
1,3-Dichlorobenzene	ug/L	ND	800	800	805	758	101	95	60-140	6	30
1,3-Dichloropropane	ug/L	ND	800	800	945	862	118	108	60-140	9	30
1,4-Dichlorobenzene	ug/L	ND	800	800	812	773	101	97	60-140	5	30
2,2-Dichloropropane	ug/L	ND	800	800	873	826	109	103	60-140	6	30
2-Chlorotoluene	ug/L	ND	800	800	863	798	108	100	60-140	8	30
4-Chlorotoluene	ug/L	ND	800	800	774	724	97	91	60-140	7	30
Benzene	ug/L	6640	800	800	7540	7560	113	115	60-140	0	30
Bromobenzene	ug/L	ND	800	800	865	792	108	99	60-140	9	30
Bromochloromethane	ug/L	ND	800	800	1000	966	125	121	60-140	4	30
Bromodichloromethane	ug/L	ND	800	800	915	839	114	105	60-140	9	30
Bromoform	ug/L	ND	800	800	873	815	109	102	60-140	7	30
Bromomethane	ug/L	ND	800	800	1180	1120	148	141	60-140	5	30 M1
Carbon tetrachloride	ug/L	ND	800	800	1020	964	128	121	60-140	6	30
Chlorobenzene	ug/L	ND	800	800	919	848	115	106	60-140	8	30
Chloroethane	ug/L	ND	800	800	973	869	122	109	60-140	11	30
Chloroform	ug/L	ND	800	800	955	922	119	115	60-140	3	30
Chloromethane	ug/L	ND	800	800	940	903	115	110	60-140	4	30
cis-1,2-Dichloroethene	ug/L	ND	800	800	969	886	121	111	60-140	9	30
cis-1,3-Dichloropropene	ug/L	ND	800	800	913	844	114	105	60-140	8	30
Dibromochloromethane	ug/L	ND	800	800	936	827	117	103	60-140	12	30
Dibromomethane	ug/L	ND	800	800	963	882	120	110	60-140	9	30
Dichlorodifluoromethane	ug/L	ND	800	800	953	924	119	115	60-140	3	30
Diisopropyl ether	ug/L	ND	800	800	897	845	110	103	60-140	6	30
Ethylbenzene	ug/L	1780	800	800	2650	2640	109	108	60-140	0	30
Hexachloro-1,3-butadiene	ug/L	ND	800	800	821	830	103	104	60-140	1	30
Isopropylbenzene (Cumene)	ug/L	67.8	800	800	941	883	109	102	60-140	6	30
m&p-Xylene	ug/L	5580	1600	1600	7240	7180	104	100	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3258532 3258533											
Parameter	Units	92535937018		MS		MSD		MS		MSD	
		Result	Conc.	Spike	Conc.	Result	Conc.	% Rec	% Rec	Limits	Max
										RPD	RPD
Methyl-tert-butyl ether	ug/L	113	800	800	800	1110	1070	124	120	60-140	3 30
Methylene Chloride	ug/L	ND	800	800	800	994	930	118	110	60-140	7 30
n-Butylbenzene	ug/L	ND	800	800	800	780	774	97	97	60-140	1 30
n-Propylbenzene	ug/L	ND	800	800	800	979	933	122	117	60-140	5 30
Naphthalene	ug/L	583	800	800	800	1410	1340	104	95	60-140	5 30
o-Xylene	ug/L	2440	800	800	800	3340	3280	113	106	60-140	2 30
sec-Butylbenzene	ug/L	ND	800	800	800	808	763	101	95	60-140	6 30
Styrene	ug/L	ND	800	800	800	906	838	113	105	60-140	8 30
tert-Butylbenzene	ug/L	ND	800	800	800	702	656	88	82	60-140	7 30
Tetrachloroethene	ug/L	ND	800	800	800	895	841	112	105	60-140	6 30
Toluene	ug/L	5630	800	800	800	6410	6430	98	100	60-140	0 30
trans-1,2-Dichloroethene	ug/L	ND	800	800	800	968	909	121	114	60-140	6 30
trans-1,3-Dichloropropene	ug/L	ND	800	800	800	867	800	108	100	60-140	8 30
Trichloroethene	ug/L	ND	800	800	800	1010	907	126	113	60-140	11 30
Trichlorofluoromethane	ug/L	ND	800	800	800	981	946	123	118	60-140	4 30
Vinyl chloride	ug/L	ND	800	800	800	976	930	122	116	60-140	5 30
1,2-Dichloroethane-d4 (S)	%							93	99	70-130	
4-Bromofluorobenzene (S)	%							99	100	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)
Pace Project No.: 92537489

QC Batch: 619401	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92537489024

METHOD BLANK: 3258893 Matrix: Water

Associated Lab Samples: 92537489024

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/10/21 23:35	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/10/21 23:35	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/10/21 23:35	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/10/21 23:35	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/10/21 23:35	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/10/21 23:35	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/10/21 23:35	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/10/21 23:35	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/10/21 23:35	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/10/21 23:35	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/10/21 23:35	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/10/21 23:35	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/10/21 23:35	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/10/21 23:35	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/10/21 23:35	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/10/21 23:35	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/10/21 23:35	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/10/21 23:35	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/10/21 23:35	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/10/21 23:35	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/10/21 23:35	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/10/21 23:35	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/10/21 23:35	
Benzene	ug/L	ND	0.50	0.34	05/10/21 23:35	
Bromobenzene	ug/L	ND	0.50	0.29	05/10/21 23:35	
Bromochloromethane	ug/L	ND	0.50	0.47	05/10/21 23:35	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/10/21 23:35	
Bromoform	ug/L	ND	0.50	0.34	05/10/21 23:35	
Bromomethane	ug/L	ND	5.0	1.7	05/10/21 23:35	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/10/21 23:35	
Chlorobenzene	ug/L	ND	0.50	0.28	05/10/21 23:35	
Chloroethane	ug/L	ND	1.0	0.65	05/10/21 23:35	
Chloroform	ug/L	ND	0.50	0.35	05/10/21 23:35	
Chloromethane	ug/L	ND	1.0	0.54	05/10/21 23:35	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/10/21 23:35	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/10/21 23:35	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/10/21 23:35	
Dibromomethane	ug/L	ND	0.50	0.39	05/10/21 23:35	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/10/21 23:35	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/10/21 23:35	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)
Pace Project No.: 92537489

METHOD BLANK: 3258893

Matrix: Water

Associated Lab Samples: 92537489024

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/10/21 23:35	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/10/21 23:35	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/10/21 23:35	
m&p-Xylene	ug/L	ND	1.0	0.71	05/10/21 23:35	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/10/21 23:35	
Methylene Chloride	ug/L	ND	2.0	2.0	05/10/21 23:35	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/10/21 23:35	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/10/21 23:35	
Naphthalene	ug/L	ND	2.0	0.64	05/10/21 23:35	
o-Xylene	ug/L	ND	0.50	0.34	05/10/21 23:35	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/10/21 23:35	
Styrene	ug/L	ND	0.50	0.29	05/10/21 23:35	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/10/21 23:35	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/10/21 23:35	
Toluene	ug/L	ND	0.50	0.48	05/10/21 23:35	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/10/21 23:35	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/10/21 23:35	
Trichloroethene	ug/L	ND	0.50	0.38	05/10/21 23:35	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/10/21 23:35	
Vinyl chloride	ug/L	ND	1.0	0.39	05/10/21 23:35	
1,2-Dichloroethane-d4 (S)	%	97	70-130		05/10/21 23:35	
4-Bromofluorobenzene (S)	%	105	70-130		05/10/21 23:35	
Toluene-d8 (S)	%	102	70-130		05/10/21 23:35	

LABORATORY CONTROL SAMPLE: 3258894

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	45.1	90	60-140	
1,1,1-Trichloroethane	ug/L	50	46.0	92	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	42.8	86	60-140	
1,1,2-Trichloroethane	ug/L	50	48.2	96	60-140	
1,1-Dichloroethane	ug/L	50	45.4	91	60-140	
1,1-Dichloroethene	ug/L	50	46.5	93	60-140	
1,1-Dichloropropene	ug/L	50	47.9	96	60-140	
1,2,3-Trichlorobenzene	ug/L	50	45.2	90	60-140	
1,2,3-Trichloropropane	ug/L	50	43.9	88	60-140	
1,2,4-Trichlorobenzene	ug/L	50	45.4	91	60-140	
1,2,4-Trimethylbenzene	ug/L	50	42.0	84	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	44.2	88	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	45.9	92	60-140	
1,2-Dichlorobenzene	ug/L	50	43.6	87	60-140	
1,2-Dichloroethane	ug/L	50	45.8	92	60-140	
1,2-Dichloropropane	ug/L	50	47.7	95	60-140	
1,3,5-Trimethylbenzene	ug/L	50	42.8	86	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

LABORATORY CONTROL SAMPLE: 3258894

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	43.8	88	60-140	
1,3-Dichloropropane	ug/L	50	45.0	90	60-140	
1,4-Dichlorobenzene	ug/L	50	43.5	87	60-140	
2,2-Dichloropropane	ug/L	50	42.5	85	60-140	
2-Chlorotoluene	ug/L	50	43.1	86	60-140	
4-Chlorotoluene	ug/L	50	41.5	83	60-140	
Benzene	ug/L	50	46.8	94	60-140	
Bromobenzene	ug/L	50	45.0	90	60-140	
Bromochloromethane	ug/L	50	48.6	97	60-140	
Bromodichloromethane	ug/L	50	45.3	91	60-140	
Bromoform	ug/L	50	47.0	94	60-140	
Bromomethane	ug/L	50	61.7	123	60-140	
Carbon tetrachloride	ug/L	50	49.8	100	60-140	
Chlorobenzene	ug/L	50	45.7	91	60-140	
Chloroethane	ug/L	50	42.1	84	60-140	
Chloroform	ug/L	50	45.7	91	60-140	
Chloromethane	ug/L	50	45.0	90	60-140	
cis-1,2-Dichloroethene	ug/L	50	45.8	92	60-140	
cis-1,3-Dichloropropene	ug/L	50	45.1	90	60-140	
Dibromochloromethane	ug/L	50	46.8	94	60-140	
Dibromomethane	ug/L	50	49.0	98	60-140	
Dichlorodifluoromethane	ug/L	50	50.6	101	60-140	
Diisopropyl ether	ug/L	50	42.0	84	60-140	
Ethylbenzene	ug/L	50	44.0	88	60-140	
Hexachloro-1,3-butadiene	ug/L	50	45.6	91	60-140	
Isopropylbenzene (Cumene)	ug/L	50	44.9	90	60-140	
m&p-Xylene	ug/L	100	86.8	87	60-140	
Methyl-tert-butyl ether	ug/L	50	49.1	98	60-140	
Methylene Chloride	ug/L	50	44.5	89	60-140	
n-Butylbenzene	ug/L	50	41.5	83	60-140	
n-Propylbenzene	ug/L	50	42.4	85	60-140	
Naphthalene	ug/L	50	43.7	87	60-140	
o-Xylene	ug/L	50	43.6	87	60-140	
sec-Butylbenzene	ug/L	50	42.1	84	60-140	
Styrene	ug/L	50	44.9	90	60-140	
tert-Butylbenzene	ug/L	50	36.1	72	60-140	
Tetrachloroethene	ug/L	50	45.6	91	60-140	
Toluene	ug/L	50	44.7	89	60-140	
trans-1,2-Dichloroethene	ug/L	50	46.0	92	60-140	
trans-1,3-Dichloropropene	ug/L	50	43.9	88	60-140	
Trichloroethene	ug/L	50	48.0	96	60-140	
Trichlorofluoromethane	ug/L	50	46.7	93	60-140	
Vinyl chloride	ug/L	50	46.3	93	60-140	
1,2-Dichloroethane-d4 (S)	%			92	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3258895 3258896											
Parameter	Units	92537784002 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	17.7	18.7	89	94	60-140	6	30
1,1,1-Trichloroethane	ug/L	ND	20	20	18.8	19.8	94	99	60-140	5	30
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	18.4	18.9	92	95	60-140	3	30
1,1,2-Trichloroethane	ug/L	ND	20	20	19.6	20.5	98	102	60-140	4	30
1,1-Dichloroethane	ug/L	ND	20	20	18.0	19.3	90	97	60-140	7	30
1,1-Dichloroethene	ug/L	ND	20	20	19.9	20.7	100	103	60-140	4	30
1,1-Dichloropropene	ug/L	ND	20	20	17.3	18.4	87	92	60-140	6	30
1,2,3-Trichlorobenzene	ug/L	ND	20	20	18.0	19.3	90	96	60-140	7	30
1,2,3-Trichloropropane	ug/L	ND	20	20	18.2	18.2	91	91	60-140	0	30
1,2,4-Trichlorobenzene	ug/L	ND	20	20	17.6	18.6	88	93	60-140	6	30
1,2,4-Trimethylbenzene	ug/L	ND	20	20	19.1	18.7	96	94	60-140	2	30
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	17.7	19.0	88	95	60-140	7	30
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	18.4	20.1	92	101	60-140	9	30
1,2-Dichlorobenzene	ug/L	ND	20	20	16.5	17.9	83	89	60-140	8	30
1,2-Dichloroethane	ug/L	ND	20	20	16.5	17.1	82	86	60-140	4	30
1,2-Dichloropropane	ug/L	ND	20	20	18.1	21.0	90	105	60-140	15	30
1,3,5-Trimethylbenzene	ug/L	ND	20	20	17.9	18.4	90	92	60-140	3	30
1,3-Dichlorobenzene	ug/L	ND	20	20	16.5	17.7	82	88	60-140	7	30
1,3-Dichloropropane	ug/L	ND	20	20	18.6	20.3	93	102	60-140	9	30
1,4-Dichlorobenzene	ug/L	ND	20	20	16.8	17.9	84	89	60-140	6	30
2,2-Dichloropropane	ug/L	ND	20	20	16.1	16.7	80	84	60-140	4	30
2-Chlorotoluene	ug/L	ND	20	20	17.0	18.2	85	91	60-140	7	30
4-Chlorotoluene	ug/L	ND	20	20	16.6	17.2	83	86	60-140	3	30
Benzene	ug/L	ND	20	20	18.3	19.1	92	95	60-140	4	30
Bromobenzene	ug/L	ND	20	20	17.4	18.5	87	92	60-140	6	30
Bromochloromethane	ug/L	ND	20	20	18.1	18.9	90	95	60-140	5	30
Bromodichloromethane	ug/L	ND	20	20	18.5	20.9	92	105	60-140	12	30
Bromoform	ug/L	ND	20	20	16.8	18.1	84	90	60-140	7	30
Bromomethane	ug/L	ND	20	20	19.6	22.4	96	110	60-140	13	30
Carbon tetrachloride	ug/L	ND	20	20	18.5	19.8	92	99	60-140	7	30
Chlorobenzene	ug/L	ND	20	20	17.8	18.7	89	94	60-140	5	30
Chloroethane	ug/L	ND	20	20	19.8	20.8	99	104	60-140	5	30
Chloroform	ug/L	ND	20	20	18.9	18.9	94	95	60-140	0	30
Chloromethane	ug/L	ND	20	20	17.7	19.4	88	96	60-140	9	30
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.0	19.0	90	95	60-140	5	30
cis-1,3-Dichloropropene	ug/L	ND	20	20	17.8	20.0	89	100	60-140	12	30
Dibromochloromethane	ug/L	ND	20	20	18.2	20.4	91	102	60-140	11	30
Dibromomethane	ug/L	ND	20	20	18.4	20.7	92	103	60-140	11	30
Dichlorodifluoromethane	ug/L	ND	20	20	16.1	17.2	81	86	60-140	7	30
Diisopropyl ether	ug/L	ND	20	20	17.2	18.1	86	90	60-140	5	30
Ethylbenzene	ug/L	ND	20	20	18.6	19.0	93	95	60-140	2	30
Hexachloro-1,3-butadiene	ug/L	ND	20	20	17.3	18.8	87	94	60-140	8	30
Isopropylbenzene (Cumene)	ug/L	ND	20	20	18.5	19.4	92	97	60-140	5	30
m&p-Xylene	ug/L	ND	40	40	37.4	38.2	94	96	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3258895 3258896												
Parameter	Units	92537784002	MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Max	Qual
		Result	Spike	Spike								
Methyl-tert-butyl ether	ug/L	ND	20	20	19.4	19.1	97	96	60-140	1	30	
Methylene Chloride	ug/L	ND	20	20	19.8	19.0	99	95	60-140	4	30	
n-Butylbenzene	ug/L	ND	20	20	17.1	17.8	86	89	60-140	4	30	
n-Propylbenzene	ug/L	ND	20	20	17.0	17.7	85	88	60-140	4	30	
Naphthalene	ug/L	ND	20	20	23.9	20.6	120	103	60-140	15	30	
o-Xylene	ug/L	ND	20	20	19.0	19.1	95	96	60-140	1	30	
sec-Butylbenzene	ug/L	ND	20	20	17.0	17.7	85	88	60-140	4	30	
Styrene	ug/L	ND	20	20	18.1	18.8	90	94	60-140	4	30	
tert-Butylbenzene	ug/L	ND	20	20	14.9	15.7	75	79	60-140	5	30	
Tetrachloroethene	ug/L	ND	20	20	16.2	19.2	81	96	60-140	17	30	
Toluene	ug/L	ND	20	20	18.2	20.1	91	100	60-140	10	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.6	19.2	98	96	60-140	2	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	17.7	19.2	88	96	60-140	8	30	
Trichloroethene	ug/L	ND	20	20	18.2	19.2	91	96	60-140	5	30	
Trichlorofluoromethane	ug/L	ND	20	20	18.9	19.7	95	98	60-140	4	30	
Vinyl chloride	ug/L	ND	20	20	18.2	19.9	91	99	60-140	9	30	
1,2-Dichloroethane-d4 (S)	%						103	105	70-130			
4-Bromofluorobenzene (S)	%						103	101	70-130			
Toluene-d8 (S)	%						100	107	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)
Pace Project No.: 92537489

QC Batch:	619854	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92537489020

METHOD BLANK: 3261079 Matrix: Water

Associated Lab Samples: 92537489020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/12/21 11:18	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/12/21 11:18	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/12/21 11:18	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/12/21 11:18	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/12/21 11:18	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/12/21 11:18	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/12/21 11:18	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/12/21 11:18	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/12/21 11:18	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/12/21 11:18	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/12/21 11:18	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/12/21 11:18	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/12/21 11:18	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/12/21 11:18	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/12/21 11:18	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/12/21 11:18	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/12/21 11:18	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/12/21 11:18	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/12/21 11:18	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/12/21 11:18	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/12/21 11:18	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/12/21 11:18	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/12/21 11:18	
Benzene	ug/L	ND	0.50	0.34	05/12/21 11:18	
Bromobenzene	ug/L	ND	0.50	0.29	05/12/21 11:18	
Bromochloromethane	ug/L	ND	0.50	0.47	05/12/21 11:18	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/12/21 11:18	
Bromoform	ug/L	ND	0.50	0.34	05/12/21 11:18	
Bromomethane	ug/L	ND	5.0	1.7	05/12/21 11:18	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/12/21 11:18	
Chlorobenzene	ug/L	ND	0.50	0.28	05/12/21 11:18	
Chloroethane	ug/L	ND	1.0	0.65	05/12/21 11:18	
Chloroform	ug/L	ND	0.50	0.35	05/12/21 11:18	
Chloromethane	ug/L	ND	1.0	0.54	05/12/21 11:18	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/12/21 11:18	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/12/21 11:18	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/12/21 11:18	
Dibromomethane	ug/L	ND	0.50	0.39	05/12/21 11:18	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/12/21 11:18	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/12/21 11:18	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

METHOD BLANK: 3261079

Matrix: Water

Associated Lab Samples: 92537489020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/12/21 11:18	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/12/21 11:18	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/12/21 11:18	
m&p-Xylene	ug/L	ND	1.0	0.71	05/12/21 11:18	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/12/21 11:18	
Methylene Chloride	ug/L	ND	2.0	2.0	05/12/21 11:18	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/12/21 11:18	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/12/21 11:18	
Naphthalene	ug/L	0.83J	2.0	0.64	05/12/21 11:18	
o-Xylene	ug/L	ND	0.50	0.34	05/12/21 11:18	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/12/21 11:18	
Styrene	ug/L	ND	0.50	0.29	05/12/21 11:18	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/12/21 11:18	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/12/21 11:18	
Toluene	ug/L	ND	0.50	0.48	05/12/21 11:18	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/12/21 11:18	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/12/21 11:18	
Trichloroethene	ug/L	ND	0.50	0.38	05/12/21 11:18	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/12/21 11:18	
Vinyl chloride	ug/L	ND	1.0	0.39	05/12/21 11:18	
1,2-Dichloroethane-d4 (S)	%	101	70-130		05/12/21 11:18	
4-Bromofluorobenzene (S)	%	99	70-130		05/12/21 11:18	
Toluene-d8 (S)	%	101	70-130		05/12/21 11:18	

LABORATORY CONTROL SAMPLE: 3261080

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.5	101	60-140	
1,1,1-Trichloroethane	ug/L	50	50.2	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	51.1	102	60-140	
1,1,2-Trichloroethane	ug/L	50	50.1	100	60-140	
1,1-Dichloroethane	ug/L	50	48.3	97	60-140	
1,1-Dichloroethene	ug/L	50	53.4	107	60-140	
1,1-Dichloropropene	ug/L	50	47.6	95	60-140	
1,2,3-Trichlorobenzene	ug/L	50	50.4	101	60-140	
1,2,3-Trichloropropane	ug/L	50	49.8	100	60-140	
1,2,4-Trichlorobenzene	ug/L	50	50.5	101	60-140	
1,2,4-Trimethylbenzene	ug/L	50	49.9	100	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	49.7	99	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.0	100	60-140	
1,2-Dichlorobenzene	ug/L	50	49.1	98	60-140	
1,2-Dichloroethane	ug/L	50	44.6	89	60-140	
1,2-Dichloropropane	ug/L	50	48.3	97	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.1	98	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

LABORATORY CONTROL SAMPLE: 3261080

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.2	98	60-140	
1,3-Dichloropropane	ug/L	50	48.4	97	60-140	
1,4-Dichlorobenzene	ug/L	50	49.4	99	60-140	
2,2-Dichloropropane	ug/L	50	53.1	106	60-140	
2-Chlorotoluene	ug/L	50	49.4	99	60-140	
4-Chlorotoluene	ug/L	50	47.5	95	60-140	
Benzene	ug/L	50	48.6	97	60-140	
Bromobenzene	ug/L	50	48.6	97	60-140	
Bromochloromethane	ug/L	50	49.1	98	60-140	
Bromodichloromethane	ug/L	50	51.7	103	60-140	
Bromoform	ug/L	50	51.4	103	60-140	
Bromomethane	ug/L	50	52.6	105	60-140	
Carbon tetrachloride	ug/L	50	51.8	104	60-140	
Chlorobenzene	ug/L	50	49.3	99	60-140	
Chloroethane	ug/L	50	49.0	98	60-140	
Chloroform	ug/L	50	49.0	98	60-140	
Chloromethane	ug/L	50	54.0	108	60-140	
cis-1,2-Dichloroethene	ug/L	50	48.2	96	60-140	
cis-1,3-Dichloropropene	ug/L	50	50.9	102	60-140	
Dibromochloromethane	ug/L	50	53.2	106	60-140	
Dibromomethane	ug/L	50	51.3	103	60-140	
Dichlorodifluoromethane	ug/L	50	53.6	107	60-140	
Diisopropyl ether	ug/L	50	45.9	92	60-140	
Ethylbenzene	ug/L	50	49.1	98	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.0	96	60-140	
Isopropylbenzene (Cumene)	ug/L	50	54.9	110	60-140	
m&p-Xylene	ug/L	100	99.7	100	60-140	
Methyl-tert-butyl ether	ug/L	50	50.8	102	60-140	
Methylene Chloride	ug/L	50	54.7	109	60-140	
n-Butylbenzene	ug/L	50	50.1	100	60-140	
n-Propylbenzene	ug/L	50	47.5	95	60-140	
Naphthalene	ug/L	50	50.5	101	60-140	
o-Xylene	ug/L	50	50.0	100	60-140	
sec-Butylbenzene	ug/L	50	47.6	95	60-140	
Styrene	ug/L	50	51.5	103	60-140	
tert-Butylbenzene	ug/L	50	41.2	82	60-140	
Tetrachloroethene	ug/L	50	50.9	102	60-140	
Toluene	ug/L	50	48.2	96	60-140	
trans-1,2-Dichloroethene	ug/L	50	54.3	109	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.0	104	60-140	
Trichloroethene	ug/L	50	50.0	100	60-140	
Trichlorofluoromethane	ug/L	50	46.3	93	60-140	
Vinyl chloride	ug/L	50	53.9	108	60-140	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			109	70-130	
Toluene-d8 (S)	%			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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3261081 3261082											
Parameter	Units	92537784022 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	200	200	229	185	114	92	60-140	21	30
1,1,1-Trichloroethane	ug/L	ND	200	200	238	191	119	95	60-140	22	30
1,1,2,2-Tetrachloroethane	ug/L	ND	200	200	213	183	107	91	60-140	15	30
1,1,2-Trichloroethane	ug/L	ND	200	200	231	192	115	96	60-140	18	30
1,1-Dichloroethane	ug/L	ND	200	200	226	190	113	95	60-140	17	30
1,1-Dichloroethene	ug/L	ND	200	200	265	213	133	107	60-140	22	30
1,1-Dichloropropene	ug/L	ND	200	200	226	188	113	94	60-140	19	30
1,2,3-Trichlorobenzene	ug/L	ND	200	200	216	188	108	94	60-140	14	30
1,2,3-Trichloropropane	ug/L	ND	200	200	217	184	108	92	60-140	16	30
1,2,4-Trichlorobenzene	ug/L	ND	200	200	231	187	115	94	60-140	21	30
1,2,4-Trimethylbenzene	ug/L	45.0	200	200	278	239	117	97	60-140	15	30
1,2-Dibromo-3-chloropropane	ug/L	ND	200	200	230	189	115	95	60-140	20	30
1,2-Dibromoethane (EDB)	ug/L	ND	200	200	230	190	115	95	60-140	19	30
1,2-Dichlorobenzene	ug/L	ND	200	200	231	182	116	91	60-140	24	30
1,2-Dichloroethane	ug/L	ND	200	200	205	167	102	84	60-140	20	30
1,2-Dichloropropane	ug/L	ND	200	200	228	192	114	96	60-140	17	30
1,3,5-Trimethylbenzene	ug/L	ND	200	200	251	210	125	105	60-140	18	30
1,3-Dichlorobenzene	ug/L	ND	200	200	222	182	111	91	60-140	20	30
1,3-Dichloropropane	ug/L	ND	200	200	224	173	112	86	60-140	26	30
1,4-Dichlorobenzene	ug/L	ND	200	200	224	186	112	93	60-140	18	30
2,2-Dichloropropane	ug/L	ND	200	200	209	176	105	88	60-140	17	30
2-Chlorotoluene	ug/L	ND	200	200	234	189	117	94	60-140	21	30
4-Chlorotoluene	ug/L	ND	200	200	220	183	110	91	60-140	18	30
Benzene	ug/L	785	200	200	1000	998	108	106	60-140	0	30
Bromobenzene	ug/L	ND	200	200	230	188	115	94	60-140	20	30
Bromochloromethane	ug/L	ND	200	200	221	188	110	94	60-140	16	30
Bromodichloromethane	ug/L	ND	200	200	231	197	116	98	60-140	16	30
Bromoform	ug/L	ND	200	200	220	175	110	88	60-140	23	30
Bromomethane	ug/L	ND	200	200	241	222	120	111	60-140	8	30
Carbon tetrachloride	ug/L	ND	200	200	239	203	119	101	60-140	16	30
Chlorobenzene	ug/L	ND	200	200	228	190	114	95	60-140	18	30
Chloroethane	ug/L	ND	200	200	252	212	126	106	60-140	17	30
Chloroform	ug/L	ND	200	200	226	188	113	94	60-140	18	30
Chloromethane	ug/L	ND	200	200	239	209	120	104	60-140	14	30
cis-1,2-Dichloroethene	ug/L	ND	200	200	227	187	113	94	60-140	19	30
cis-1,3-Dichloropropene	ug/L	ND	200	200	222	190	111	95	60-140	16	30
Dibromochloromethane	ug/L	ND	200	200	236	180	118	90	60-140	27	30
Dibromomethane	ug/L	ND	200	200	229	199	114	100	60-140	14	30
Dichlorodifluoromethane	ug/L	ND	200	200	226	188	113	94	60-140	18	30
Diisopropyl ether	ug/L	96.6	200	200	356	275	130	89	60-140	26	30
Ethylbenzene	ug/L	34.0	200	200	263	226	115	96	60-140	15	30
Hexachloro-1,3-butadiene	ug/L	ND	200	200	240	189	120	94	60-140	24	30
Isopropylbenzene (Cumene)	ug/L	ND	200	200	239	197	120	98	60-140	19	30
m&p-Xylene	ug/L	381	400	400	874	760	123	95	60-140	14	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3261081 3261082											
Parameter	Units	92537784022		MS	MSD	MS	MSD	MS	MSD	% Rec	Max
		Result	Conc.	Spike	Spike						
						Result	Result	% Rec	% Rec	Limits	RPD
Methyl-tert-butyl ether	ug/L	8.9	200	200	200	252	196	122	93	60-140	25
Methylene Chloride	ug/L	ND	200	200	200	263	191	132	96	60-140	32
n-Butylbenzene	ug/L	ND	200	200	200	242	190	121	95	60-140	24
n-Propylbenzene	ug/L	ND	200	200	200	224	188	112	94	60-140	17
Naphthalene	ug/L	7.4J	200	200	200	213	187	103	90	60-140	13
o-Xylene	ug/L	216	200	200	200	446	409	115	97	60-140	9
sec-Butylbenzene	ug/L	ND	200	200	200	225	192	112	96	60-140	16
Styrene	ug/L	ND	200	200	200	230	191	115	96	60-140	19
tert-Butylbenzene	ug/L	ND	200	200	200	201	165	100	83	60-140	19
Tetrachloroethene	ug/L	ND	200	200	200	237	178	118	89	60-140	28
Toluene	ug/L	1170	200	200	200	1370	1390	100	109	60-140	1
trans-1,2-Dichloroethene	ug/L	ND	200	200	200	258	195	129	98	60-140	28
trans-1,3-Dichloropropene	ug/L	ND	200	200	200	222	186	111	93	60-140	17
Trichloroethene	ug/L	ND	200	200	200	237	199	119	100	60-140	17
Trichlorofluoromethane	ug/L	ND	200	200	200	247	208	123	104	60-140	17
Vinyl chloride	ug/L	ND	200	200	200	250	209	125	105	60-140	18
1,2-Dichloroethane-d4 (S)	%							100	101	70-130	
4-Bromofluorobenzene (S)	%							100	100	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

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

- | | |
|----|---|
| 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. |
| 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. |
| R1 | RPD value was outside control limits. |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92537489001	MW-01	MADEP VPH	619209		
92537489002	MW-03	MADEP VPH	619209		
92537489003	MW-05	MADEP VPH	619209		
92537489004	MW-07	MADEP VPH	619209		
92537489005	MW-20	MADEP VPH	619209		
92537489006	MW-25	MADEP VPH	618990		
92537489007	MW-27	MADEP VPH	618990		
92537489008	MW-32	MADEP VPH	618990		
92537489009	MW-33	MADEP VPH	618990		
92537489010	MW-35	MADEP VPH	618990		
92537489011	MW-36	MADEP VPH	618990		
92537489012	MW-36DR	MADEP VPH	619209		
92537489013	MW-38	MADEP VPH	619469		
92537489014	MW-53	MADEP VPH	619209		
92537489015	MW-54	MADEP VPH	619469		
92537489016	MW-63	MADEP VPH	619209		
92537489017	MW-87	MADEP VPH	619209		
92537489018	MW-88	MADEP VPH	619209		
92537489019	MW-89	MADEP VPH	619209		
92537489020	EB-1-20210506	MADEP VPH	619209		
92537489021	DUP-1-20210506	MADEP VPH	619209		
92537489022	FB-1-20210506	MADEP VPH	619209		
92537489024	MW-06	MADEP VPH	619469		
92537489001	MW-01	EPA 3010A	619869	EPA 6010D	620015
92537489002	MW-03	EPA 3010A	619869	EPA 6010D	620015
92537489003	MW-05	EPA 3010A	619869	EPA 6010D	620015
92537489004	MW-07	EPA 3010A	619869	EPA 6010D	620015
92537489005	MW-20	EPA 3010A	619869	EPA 6010D	620015
92537489006	MW-25	EPA 3010A	619869	EPA 6010D	620015
92537489007	MW-27	EPA 3010A	619869	EPA 6010D	620015
92537489008	MW-32	EPA 3010A	619869	EPA 6010D	620015
92537489009	MW-33	EPA 3010A	619869	EPA 6010D	620015
92537489010	MW-35	EPA 3010A	619869	EPA 6010D	620015
92537489011	MW-36	EPA 3010A	619869	EPA 6010D	620015
92537489012	MW-36DR	EPA 3010A	619869	EPA 6010D	620015
92537489013	MW-38	EPA 3010A	619872	EPA 6010D	620017
92537489014	MW-53	EPA 3010A	619872	EPA 6010D	620017
92537489015	MW-54	EPA 3010A	619872	EPA 6010D	620017
92537489016	MW-63	EPA 3010A	619872	EPA 6010D	620017
92537489017	MW-87	EPA 3010A	619872	EPA 6010D	620017
92537489018	MW-88	EPA 3010A	619872	EPA 6010D	620017
92537489019	MW-89	EPA 3010A	619872	EPA 6010D	620017
92537489020	EB-1-20210506	EPA 3010A	619872	EPA 6010D	620017
92537489021	DUP-1-20210506	EPA 3010A	619872	EPA 6010D	620017

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

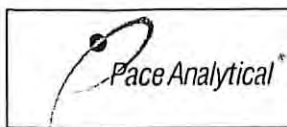
Project: CPC Huntersville (5/6/21)

Pace Project No.: 92537489

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92537489024	MW-06	EPA 3010A	619958	EPA 6010D	620070
92537489001	MW-01	SM 6200B	619042		
92537489002	MW-03	SM 6200B	619042		
92537489003	MW-05	SM 6200B	619042		
92537489004	MW-07	SM 6200B	619327		
92537489005	MW-20	SM 6200B	619327		
92537489006	MW-25	SM 6200B	618986		
92537489007	MW-27	SM 6200B	618986		
92537489008	MW-32	SM 6200B	618986		
92537489009	MW-33	SM 6200B	618986		
92537489010	MW-35	SM 6200B	618986		
92537489011	MW-36	SM 6200B	618986		
92537489012	MW-36DR	SM 6200B	618986		
92537489013	MW-38	SM 6200B	619327		
92537489014	MW-53	SM 6200B	618986		
92537489015	MW-54	SM 6200B	618986		
92537489016	MW-63	SM 6200B	618986		
92537489017	MW-87	SM 6200B	618986		
92537489018	MW-88	SM 6200B	618986		
92537489019	MW-89	SM 6200B	618986		
92537489020	EB-1-20210506	SM 6200B	619854		
92537489021	DUP-1-20210506	SM 6200B	618986		
92537489022	FB-1-20210506	SM 6200B	618986		
92537489023	Trip Blank	SM 6200B	618986		
92537489024	MW-06	SM 6200B	619401		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



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#: 92537489

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client
☐ Commercial ☒ Pace



92537489

Custody Seal Present? ☐ Yes ☒ No Seals Intact? ☐ Yes ☒ No

Date/Initials Person Examining Contents: 5/7/21 HMD

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen?

☐ Yes ☐ No ☒ N/A

Thermometer:

☒ IR Gun ID: 925064

Type of Ice:

☒ Wet ☐ Blue ☐ None

Cooler Temp: 0.9, 2.5 Correction Factor: Add/Subtract (°C) 0.0°C

Temp should be above freezing to 6°C

☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 0.9, 2.5

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

Did not receive MW 06 listed on COC NMG 5/10/21

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review:

Date: 05/07/21

Project Manager SRF Review:

Date: 05/07/21



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#: 92537489

PM: NMG

Due Date: 05/13/21

CLIENT: 92-RECOM 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)-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																7												
2																7												
3																7												
4																7												
5																7												
6																7												
7																7												
8																7												
9																7												
10																7												
11																7												
12																7												

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 #

2/2

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													
2																7													
3																7													
4																7													
5																7													
6																7													
7																7													
8																7													
9																7													
10																7													
11																7													
12																7													

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.

Page: 1 of 2

004	100	02
005	001	
006	005	

Face Analytical
www.faceanalytical.com

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 28226
Email:
Phone: (704)522-0330 Fax:
Requested Due Date:

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:
Pace Quote:
Pace Project Manager: nicole.gastrowski@pacealabs.com
Pace Profile #: 12518

Page: 2X of 2X

Regulatory Agency

State / Location

NC

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 /, -) Sample IDs must be unique	MATRIX Drinking Water DW Waste Water WW Product P Soil/Solid SL Oil Wipe WIP Air AR Other OT Tissue TS	CODE DW WT WW P SL OL WP AR OT TS	COLLECTED		DATE	TIME	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analyses Test	Y/N	Residual Chlorine (Y/N)	SAMPLE CONDITIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				START	END							Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol					Other	6200 VOCs	NC VPH	6010 Lead	Trip BLANK																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
1	MM-36 DR					5/6/21	14:43				8		X	X							X	X																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Emily Love

SIGNATURE of SAMPLER: Emily Love

DATE Signed: 5/6/2021

TEMP in C
Received on Ice (Y/N)
Custody Sealed Cooler (Y/N)
Samples Intact (Y/N)

May 28, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC Huntersville (5/7/21)
Pace Project No.: 92537784

Dear Andrew Wreschnig:

Enclosed are the analytical results for sample(s) received by the laboratory on May 07, 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 5/28/21 to revise the sample ID for 92537784-021, per client request.

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

Sincerely,



Nicole Gasiorowski
nicole.gasiorowski@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: 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 (5/7/21)

Pace Project No.: 92537784

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92537784001	MW-69	Water	05/07/21 09:15	05/07/21 17:54
92537784002	MW-30	Water	05/07/21 09:55	05/07/21 17:54
92537784003	MW-12	Water	05/07/21 09:50	05/07/21 17:54
92537784004	DUP-1-20210507	Water	05/07/21 00:00	05/07/21 17:54
92537784005	MW-52	Water	05/07/21 10:30	05/07/21 17:54
92537784006	MW-61D	Water	05/07/21 10:48	05/07/21 17:54
92537784007	MW-71	Water	05/07/21 10:40	05/07/21 17:54
92537784008	MW-59	Water	05/07/21 11:40	05/07/21 17:54
92537784009	MW-25D	Water	05/07/21 13:28	05/07/21 17:54
92537784010	MW-43	Water	05/07/21 14:25	05/07/21 17:54
92537784011	MW-58	Water	05/07/21 14:20	05/07/21 17:54
92537784012	MW-59D	Water	05/07/21 15:32	05/07/21 17:54
92537784013	MW-57D	Water	05/07/21 16:15	05/07/21 17:54
92537784014	MW-02	Water	05/07/21 10:40	05/07/21 17:54
92537784015	MW-04	Water	05/07/21 12:30	05/07/21 17:54
92537784016	MW-15	Water	05/07/21 15:20	05/07/21 17:54
92537784017	MW-07D	Water	05/07/21 14:40	05/07/21 17:54
92537784018	FB-1-20210507	Water	05/07/21 11:05	05/07/21 17:54
92537784019	Trip Blank	Water	05/07/21 00:00	05/07/21 17:54
92537784020	Trip Blank	Water	05/07/21 00:00	05/07/21 17:54
92537784021	MW-09	Water	05/07/21 11:40	05/07/21 17:54
92537784022	MW-29	Water	05/07/21 09:15	05/07/21 17:54
92537784023	MW-41	Water	05/07/21 12:50	05/07/21 17:54

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92537784001	MW-69	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92537784002	MW-30	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92537784003	MW-12	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92537784004	DUP-1-20210507	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92537784005	MW-52	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92537784006	MW-61D	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92537784007	MW-71	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92537784008	MW-59	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92537784009	MW-25D	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92537784010	MW-43	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92537784011	MW-58	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92537784012	MW-59D	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92537784013	MW-57D	MADEP VPH	LMB	7	PASI-C

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92537784014	MW-02	EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
		MADEP VPH	LMB	7	PASI-C
92537784015	MW-04	EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
		MADEP VPH	LMB	7	PASI-C
92537784016	MW-15	EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
		MADEP VPH	LMB	7	PASI-C
92537784017	MW-07D	EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
		MADEP VPH	LMB	7	PASI-C
92537784018	FB-1-20210507	EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
		MADEP VPH	LMB	7	PASI-C
92537784019	Trip Blank	SM 6200B	SAS	63	PASI-C
92537784020	Trip Blank	SM 6200B	PM1	63	PASI-C
92537784021	MW-09	SM 6200B	SAS	63	PASI-C
92537784022	MW-29	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92537784023	MW-41	MADEP VPH	LMB	7	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-69		Lab ID: 92537784001		Collected: 05/07/21 09:15		Received: 05/07/21 17:54		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		05/10/21 19:23		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/10/21 19:23		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/10/21 19:23		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/10/21 19:23		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/10/21 19:23		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	104	%	70-130		1		05/10/21 19:23	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		05/10/21 19:23	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	05/12/21 17:36	05/14/21 18:37	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/11/21 04:57	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/11/21 04:57	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/11/21 04:57	74-97-5	
Bromodichloromethane	3.4	ug/L	0.50	0.31	1		05/11/21 04:57	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/11/21 04:57	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/11/21 04:57	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/11/21 04:57	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/11/21 04:57	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/11/21 04:57	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/11/21 04:57	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/11/21 04:57	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/11/21 04:57	75-00-3	
Chloroform	18.7	ug/L	0.50	0.35	1		05/11/21 04:57	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/11/21 04:57	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 04:57	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 04:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/11/21 04:57	96-12-8	
Dibromochloromethane	0.77	ug/L	0.50	0.36	1		05/11/21 04:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/11/21 04:57	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/11/21 04:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 04:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 04:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/11/21 04:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/11/21 04:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/11/21 04:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 04:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/11/21 04:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 04:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/11/21 04:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/11/21 04:57	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-69		Lab ID: 92537784001		Collected: 05/07/21 09:15		Received: 05/07/21 17:54		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/11/21 04:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/11/21 04:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/11/21 04:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 04:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 04:57	10061-02-6	
Diisopropyl ether	1.0	ug/L	0.50	0.31	1		05/11/21 04:57	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/11/21 04:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/11/21 04:57	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/11/21 04:57	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/11/21 04:57	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/11/21 04:57	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/11/21 04:57	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/11/21 04:57	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/11/21 04:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/11/21 04:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/11/21 04:57	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/11/21 04:57	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/11/21 04:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/11/21 04:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/11/21 04:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/11/21 04:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 04:57	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 04:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/11/21 04:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/11/21 04:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/11/21 04:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/11/21 04:57	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/11/21 04:57	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/11/21 04:57	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/11/21 04:57	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		05/11/21 04:57	17060-07-0	
4-Bromofluorobenzene (S)	102	%	70-130		1		05/11/21 04:57	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		05/11/21 04:57	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-30		Lab ID: 92537784002		Collected: 05/07/21 09:55		Received: 05/07/21 17:54		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		05/10/21 19:51		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/10/21 19:51		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/10/21 19:51		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/10/21 19:51		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/10/21 19:51		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		05/10/21 19:51	460-00-4	
4-Bromofluorobenzene (PID) (S)	98	%	70-130		1		05/10/21 19:51	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	05/12/21 17:36	05/14/21 18:40	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/11/21 01:04	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/11/21 01:04	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/11/21 01:04	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/11/21 01:04	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/11/21 01:04	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/11/21 01:04	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/11/21 01:04	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/11/21 01:04	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/11/21 01:04	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/11/21 01:04	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/11/21 01:04	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/11/21 01:04	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/11/21 01:04	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/11/21 01:04	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 01:04	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 01:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/11/21 01:04	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/11/21 01:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/11/21 01:04	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/11/21 01:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 01:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 01:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/11/21 01:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/11/21 01:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/11/21 01:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 01:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/11/21 01:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 01:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/11/21 01:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/11/21 01:04	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-30		Lab ID: 92537784002		Collected: 05/07/21 09:55		Received: 05/07/21 17:54		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/11/21 01:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/11/21 01:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/11/21 01:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 01:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 01:04	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/11/21 01:04	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/11/21 01:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/11/21 01:04	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/11/21 01:04	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/11/21 01:04	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/11/21 01:04	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/11/21 01:04	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/11/21 01:04	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/11/21 01:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/11/21 01:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/11/21 01:04	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/11/21 01:04	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/11/21 01:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/11/21 01:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/11/21 01:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/11/21 01:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 01:04	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 01:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/11/21 01:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/11/21 01:04	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/11/21 01:04	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/11/21 01:04	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/11/21 01:04	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/11/21 01:04	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/11/21 01:04	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		05/11/21 01:04	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		05/11/21 01:04	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/11/21 01:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-12		Lab ID: 92537784003		Collected: 05/07/21 09:50		Received: 05/07/21 17:54		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		05/10/21 20:19		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/10/21 20:19		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/10/21 20:19		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/10/21 20:19		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/10/21 20:19		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		05/10/21 20:19	460-00-4	
4-Bromofluorobenzene (PID) (S)	98	%	70-130		1		05/10/21 20:19	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	05/12/21 17:36	05/14/21 18:50	7439-92-1	
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	0.34	1		05/11/21 01:22	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/11/21 01:22	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/11/21 01:22	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/11/21 01:22	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/11/21 01:22	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/11/21 01:22	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/11/21 01:22	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/11/21 01:22	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/11/21 01:22	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/11/21 01:22	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/11/21 01:22	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/11/21 01:22	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/11/21 01:22	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/11/21 01:22	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 01:22	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 01:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/11/21 01:22	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/11/21 01:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/11/21 01:22	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/11/21 01:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 01:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 01:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/11/21 01:22	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/11/21 01:22	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/11/21 01:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 01:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/11/21 01:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 01:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/11/21 01:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/11/21 01:22	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-12		Lab ID: 92537784003		Collected: 05/07/21 09:50		Received: 05/07/21 17:54		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/11/21 01:22	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/11/21 01:22	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/11/21 01:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 01:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 01:22	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/11/21 01:22	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/11/21 01:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/11/21 01:22	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/11/21 01:22	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/11/21 01:22	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/11/21 01:22	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/11/21 01:22	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/11/21 01:22	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/11/21 01:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/11/21 01:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/11/21 01:22	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/11/21 01:22	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/11/21 01:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/11/21 01:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/11/21 01:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/11/21 01:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 01:22	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 01:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/11/21 01:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/11/21 01:22	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/11/21 01:22	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/11/21 01:22	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/11/21 01:22	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/11/21 01:22	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/11/21 01:22	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		05/11/21 01:22	17060-07-0	
4-Bromofluorobenzene (S)	102	%	70-130		1		05/11/21 01:22	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		05/11/21 01:22	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: DUP-1-20210507 Lab ID: 92537784004 Collected: 05/07/21 00:00 Received: 05/07/21 17:54 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		05/10/21 20:48		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/10/21 20:48		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/10/21 20:48		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/10/21 20:48		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/10/21 20:48		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		05/10/21 20:48	460-00-4	
4-Bromofluorobenzene (PID) (S)	101	%	70-130		1		05/10/21 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	05/12/21 17:36	05/14/21 18:53	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/11/21 06:09	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/11/21 06:09	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/11/21 06:09	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/11/21 06:09	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/11/21 06:09	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/11/21 06:09	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/11/21 06:09	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/11/21 06:09	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/11/21 06:09	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/11/21 06:09	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/11/21 06:09	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/11/21 06:09	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/11/21 06:09	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/11/21 06:09	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 06:09	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 06:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/11/21 06:09	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/11/21 06:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/11/21 06:09	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/11/21 06:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 06:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 06:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/11/21 06:09	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/11/21 06:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/11/21 06:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 06:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/11/21 06:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 06:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/11/21 06:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/11/21 06:09	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: DUP-1-20210507		Lab ID: 92537784004		Collected: 05/07/21 00:00		Received: 05/07/21 17:54		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/11/21 06:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/11/21 06:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/11/21 06:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 06:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 06:09	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/11/21 06:09	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/11/21 06:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/11/21 06:09	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/11/21 06:09	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/11/21 06:09	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/11/21 06:09	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/11/21 06:09	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/11/21 06:09	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/11/21 06:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/11/21 06:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/11/21 06:09	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/11/21 06:09	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/11/21 06:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/11/21 06:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/11/21 06:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/11/21 06:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 06:09	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 06:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/11/21 06:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/11/21 06:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/11/21 06:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/11/21 06:09	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/11/21 06:09	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/11/21 06:09	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/11/21 06:09	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		05/11/21 06:09	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		05/11/21 06:09	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		05/11/21 06:09	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-52		Lab ID: 92537784005		Collected: 05/07/21 10:30		Received: 05/07/21 17:54		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)	1230	ug/L	50.0	50.0	1		05/10/21 21:16		N2
Aliphatic (C05-C08)	1090	ug/L	50.0	50.0	1		05/10/21 21:16		N2
Aliphatic (C09-C12)	133	ug/L	50.0	50.0	1		05/10/21 21:16		N2
Aliphatic(C09-C12) Adjusted	121	ug/L	50.0	50.0	1		05/10/21 21:16		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/10/21 21:16		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		05/10/21 21:16	460-00-4	
4-Bromofluorobenzene (PID) (S)	100	%	70-130		1		05/10/21 21:16	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	05/12/21 17:36	05/14/21 18:56	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	144	ug/L	0.50	0.34	1		05/11/21 05:15	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/11/21 05:15	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/11/21 05:15	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/11/21 05:15	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/11/21 05:15	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/11/21 05:15	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/11/21 05:15	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/11/21 05:15	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/11/21 05:15	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/11/21 05:15	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/11/21 05:15	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/11/21 05:15	75-00-3	
Chloroform	1.2	ug/L	0.50	0.35	1		05/11/21 05:15	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/11/21 05:15	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 05:15	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 05:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/11/21 05:15	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/11/21 05:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/11/21 05:15	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/11/21 05:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 05:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 05:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/11/21 05:15	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/11/21 05:15	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/11/21 05:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 05:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/11/21 05:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 05:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/11/21 05:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/11/21 05:15	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-52		Lab ID: 92537784005		Collected: 05/07/21 10:30		Received: 05/07/21 17:54		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/11/21 05:15	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/11/21 05:15	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/11/21 05:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 05:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 05:15	10061-02-6	
Diisopropyl ether	26.7	ug/L	0.50	0.31	1		05/11/21 05:15	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/11/21 05:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/11/21 05:15	87-68-3	
Isopropylbenzene (Cumene)	0.43J	ug/L	0.50	0.33	1		05/11/21 05:15	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/11/21 05:15	75-09-2	
Methyl-tert-butyl ether	3.5	ug/L	0.50	0.42	1		05/11/21 05:15	1634-04-4	
Naphthalene	0.88J	ug/L	2.0	0.64	1		05/11/21 05:15	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/11/21 05:15	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/11/21 05:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/11/21 05:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/11/21 05:15	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/11/21 05:15	127-18-4	
Toluene	23.1	ug/L	0.50	0.48	1		05/11/21 05:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/11/21 05:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/11/21 05:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/11/21 05:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 05:15	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 05:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/11/21 05:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/11/21 05:15	96-18-4	
1,2,4-Trimethylbenzene	3.1	ug/L	0.50	0.50	1		05/11/21 05:15	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/11/21 05:15	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/11/21 05:15	75-01-4	
m&p-Xylene	20.4	ug/L	1.0	0.71	1		05/11/21 05:15	179601-23-1	
o-Xylene	32.2	ug/L	0.50	0.34	1		05/11/21 05:15	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		05/11/21 05:15	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		05/11/21 05:15	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/11/21 05:15	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-61D Lab ID: 92537784006 Collected: 05/07/21 10:48 Received: 05/07/21 17:54 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		05/10/21 21:45		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/10/21 21:45		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/10/21 21:45		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/10/21 21:45		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/10/21 21:45		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		05/10/21 21:45	460-00-4	
4-Bromofluorobenzene (PID) (S)	102	%	70-130		1		05/10/21 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	05/12/21 17:36	05/14/21 18:59	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/11/21 05:33	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/11/21 05:33	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/11/21 05:33	74-97-5	
Bromodichloromethane	2.8	ug/L	0.50	0.31	1		05/11/21 05:33	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/11/21 05:33	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/11/21 05:33	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/11/21 05:33	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/11/21 05:33	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/11/21 05:33	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/11/21 05:33	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/11/21 05:33	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/11/21 05:33	75-00-3	
Chloroform	12.7	ug/L	0.50	0.35	1		05/11/21 05:33	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/11/21 05:33	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 05:33	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 05:33	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/11/21 05:33	96-12-8	
Dibromochloromethane	0.67	ug/L	0.50	0.36	1		05/11/21 05:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/11/21 05:33	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/11/21 05:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 05:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 05:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/11/21 05:33	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/11/21 05:33	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/11/21 05:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 05:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/11/21 05:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 05:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/11/21 05:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/11/21 05:33	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-61D		Lab ID: 92537784006		Collected: 05/07/21 10:48		Received: 05/07/21 17:54		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/11/21 05:33	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/11/21 05:33	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/11/21 05:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 05:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 05:33	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/11/21 05:33	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/11/21 05:33	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/11/21 05:33	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/11/21 05:33	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/11/21 05:33	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/11/21 05:33	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/11/21 05:33	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/11/21 05:33	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/11/21 05:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/11/21 05:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/11/21 05:33	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/11/21 05:33	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/11/21 05:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/11/21 05:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/11/21 05:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/11/21 05:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 05:33	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 05:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/11/21 05:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/11/21 05:33	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/11/21 05:33	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/11/21 05:33	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/11/21 05:33	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/11/21 05:33	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/11/21 05:33	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		05/11/21 05:33	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		05/11/21 05:33	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		05/11/21 05:33	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-71 Lab ID: 92537784007 Collected: 05/07/21 10:40 Received: 05/07/21 17:54 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)	387	ug/L	50.0	50.0	1		05/10/21 22:13		N2
Aliphatic (C05-C08)	329	ug/L	50.0	50.0	1		05/10/21 22:13		N2
Aliphatic (C09-C12)	57.7	ug/L	50.0	50.0	1		05/10/21 22:13		N2
Aliphatic(C09-C12) Adjusted	57.7	ug/L	50.0	50.0	1		05/10/21 22:13		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/10/21 22:13		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1		05/10/21 22:13	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		05/10/21 22:13	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	64.1	ug/L	5.0	4.5	1	05/12/21 17:36	05/14/21 19:02	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	16.7	ug/L	0.50	0.34	1		05/11/21 05:51	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/11/21 05:51	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/11/21 05:51	74-97-5	
Bromodichloromethane	0.73	ug/L	0.50	0.31	1		05/11/21 05:51	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/11/21 05:51	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/11/21 05:51	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/11/21 05:51	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/11/21 05:51	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/11/21 05:51	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/11/21 05:51	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/11/21 05:51	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/11/21 05:51	75-00-3	
Chloroform	4.4	ug/L	0.50	0.35	1		05/11/21 05:51	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/11/21 05:51	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 05:51	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 05:51	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/11/21 05:51	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/11/21 05:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/11/21 05:51	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/11/21 05:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 05:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 05:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/11/21 05:51	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/11/21 05:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/11/21 05:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 05:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/11/21 05:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 05:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/11/21 05:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/11/21 05:51	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-71		Lab ID: 92537784007		Collected: 05/07/21 10:40		Received: 05/07/21 17:54		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/11/21 05:51	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/11/21 05:51	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/11/21 05:51	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 05:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 05:51	10061-02-6	
Diisopropyl ether	3.5	ug/L	0.50	0.31	1		05/11/21 05:51	108-20-3	
Ethylbenzene	3.3	ug/L	0.50	0.30	1		05/11/21 05:51	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/11/21 05:51	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/11/21 05:51	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/11/21 05:51	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/11/21 05:51	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/11/21 05:51	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/11/21 05:51	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/11/21 05:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/11/21 05:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/11/21 05:51	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/11/21 05:51	127-18-4	
Toluene	54.2	ug/L	0.50	0.48	1		05/11/21 05:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/11/21 05:51	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/11/21 05:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/11/21 05:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 05:51	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 05:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/11/21 05:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/11/21 05:51	96-18-4	
1,2,4-Trimethylbenzene	1.1	ug/L	0.50	0.50	1		05/11/21 05:51	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/11/21 05:51	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/11/21 05:51	75-01-4	
m&p-Xylene	11.4	ug/L	1.0	0.71	1		05/11/21 05:51	179601-23-1	
o-Xylene	7.3	ug/L	0.50	0.34	1		05/11/21 05:51	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		05/11/21 05:51	17060-07-0	
4-Bromofluorobenzene (S)	102	%	70-130		1		05/11/21 05:51	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/11/21 05:51	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-59		Lab ID: 92537784008		Collected: 05/07/21 11:40		Received: 05/07/21 17:54		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		05/10/21 22:44		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/10/21 22:44		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/10/21 22:44		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/10/21 22:44		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/10/21 22:44		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	88	%	70-130		1		05/10/21 22:44	460-00-4	
4-Bromofluorobenzene (PID) (S)	88	%	70-130		1		05/10/21 22:44	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	05/12/21 17:36	05/14/21 19:06	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/11/21 03:10	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/11/21 03:10	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/11/21 03:10	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/11/21 03:10	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/11/21 03:10	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/11/21 03:10	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/11/21 03:10	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/11/21 03:10	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/11/21 03:10	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/11/21 03:10	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/11/21 03:10	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/11/21 03:10	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/11/21 03:10	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/11/21 03:10	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 03:10	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 03:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/11/21 03:10	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/11/21 03:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/11/21 03:10	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/11/21 03:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 03:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 03:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/11/21 03:10	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/11/21 03:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/11/21 03:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 03:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/11/21 03:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 03:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/11/21 03:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/11/21 03:10	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-59		Lab ID: 92537784008		Collected: 05/07/21 11:40		Received: 05/07/21 17:54		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/11/21 03:10	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/11/21 03:10	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/11/21 03:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 03:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 03:10	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/11/21 03:10	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/11/21 03:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/11/21 03:10	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/11/21 03:10	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/11/21 03:10	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/11/21 03:10	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/11/21 03:10	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/11/21 03:10	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/11/21 03:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/11/21 03:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/11/21 03:10	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/11/21 03:10	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/11/21 03:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/11/21 03:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/11/21 03:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/11/21 03:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 03:10	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 03:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/11/21 03:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/11/21 03:10	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/11/21 03:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/11/21 03:10	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/11/21 03:10	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/11/21 03:10	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/11/21 03:10	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		05/11/21 03:10	17060-07-0	
4-Bromofluorobenzene (S)	104	%	70-130		1		05/11/21 03:10	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/11/21 03:10	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-25D		Lab ID: 92537784009		Collected: 05/07/21 13:28		Received: 05/07/21 17:54		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		05/10/21 23:12		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/10/21 23:12		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/10/21 23:12		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/10/21 23:12		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/10/21 23:12		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1		05/10/21 23:12	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		05/10/21 23:12	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	05/12/21 17:36	05/14/21 19:09	7439-92-1	
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	0.34	1		05/11/21 03:28	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/11/21 03:28	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/11/21 03:28	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/11/21 03:28	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/11/21 03:28	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/11/21 03:28	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/11/21 03:28	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/11/21 03:28	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/11/21 03:28	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/11/21 03:28	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/11/21 03:28	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/11/21 03:28	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/11/21 03:28	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/11/21 03:28	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 03:28	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 03:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/11/21 03:28	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/11/21 03:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/11/21 03:28	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/11/21 03:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 03:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 03:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/11/21 03:28	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/11/21 03:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/11/21 03:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 03:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/11/21 03:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 03:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/11/21 03:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/11/21 03:28	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-25D		Lab ID: 92537784009		Collected: 05/07/21 13:28		Received: 05/07/21 17:54		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/11/21 03:28	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/11/21 03:28	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/11/21 03:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 03:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 03:28	10061-02-6	
Diisopropyl ether	1.2	ug/L	0.50	0.31	1		05/11/21 03:28	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/11/21 03:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/11/21 03:28	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/11/21 03:28	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/11/21 03:28	75-09-2	
Methyl-tert-butyl ether	0.44J	ug/L	0.50	0.42	1		05/11/21 03:28	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/11/21 03:28	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/11/21 03:28	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/11/21 03:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/11/21 03:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/11/21 03:28	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/11/21 03:28	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/11/21 03:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/11/21 03:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/11/21 03:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/11/21 03:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 03:28	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 03:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/11/21 03:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/11/21 03:28	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/11/21 03:28	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/11/21 03:28	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/11/21 03:28	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/11/21 03:28	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/11/21 03:28	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		05/11/21 03:28	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		05/11/21 03:28	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		05/11/21 03:28	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-43		Lab ID: 92537784010		Collected: 05/07/21 14:25		Received: 05/07/21 17:54		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		05/10/21 23:41		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/10/21 23:41		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/10/21 23:41		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/10/21 23:41		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/10/21 23:41		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	109	%	70-130		1		05/10/21 23:41	460-00-4	
4-Bromofluorobenzene (PID) (S)	109	%	70-130		1		05/10/21 23:41	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	7.7	ug/L	5.0	4.5	1	05/12/21 17:36	05/14/21 19:12	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/11/21 03:46	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/11/21 03:46	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/11/21 03:46	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/11/21 03:46	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/11/21 03:46	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/11/21 03:46	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/11/21 03:46	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/11/21 03:46	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/11/21 03:46	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/11/21 03:46	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/11/21 03:46	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/11/21 03:46	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/11/21 03:46	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/11/21 03:46	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 03:46	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 03:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/11/21 03:46	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/11/21 03:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/11/21 03:46	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/11/21 03:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 03:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 03:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/11/21 03:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/11/21 03:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/11/21 03:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 03:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/11/21 03:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 03:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/11/21 03:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/11/21 03:46	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-43		Lab ID: 92537784010		Collected: 05/07/21 14:25		Received: 05/07/21 17:54		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/11/21 03:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/11/21 03:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/11/21 03:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 03:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 03:46	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/11/21 03:46	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/11/21 03:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/11/21 03:46	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/11/21 03:46	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/11/21 03:46	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/11/21 03:46	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/11/21 03:46	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/11/21 03:46	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/11/21 03:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/11/21 03:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/11/21 03:46	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/11/21 03:46	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/11/21 03:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/11/21 03:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/11/21 03:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/11/21 03:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 03:46	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 03:46	79-01-6	
Trichlorofluoromethane	0.55J	ug/L	1.0	0.30	1		05/11/21 03:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/11/21 03:46	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/11/21 03:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/11/21 03:46	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/11/21 03:46	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/11/21 03:46	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/11/21 03:46	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		05/11/21 03:46	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		05/11/21 03:46	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/11/21 03:46	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-58 Lab ID: 92537784011 Collected: 05/07/21 14:20 Received: 05/07/21 17:54 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		05/11/21 00:09		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/11/21 00:09		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/11/21 00:09		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/11/21 00:09		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/11/21 00:09		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	108	%	70-130		1		05/11/21 00:09	460-00-4	
4-Bromofluorobenzene (PID) (S)	109	%	70-130		1		05/11/21 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	05/12/21 17:36	05/14/21 19:15	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/11/21 04:04	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/11/21 04:04	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/11/21 04:04	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/11/21 04:04	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/11/21 04:04	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/11/21 04:04	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/11/21 04:04	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/11/21 04:04	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/11/21 04:04	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/11/21 04:04	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/11/21 04:04	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/11/21 04:04	75-00-3	
Chloroform	1.8	ug/L	0.50	0.35	1		05/11/21 04:04	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/11/21 04:04	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 04:04	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 04:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/11/21 04:04	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/11/21 04:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/11/21 04:04	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/11/21 04:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 04:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 04:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/11/21 04:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/11/21 04:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/11/21 04:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 04:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/11/21 04:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 04:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/11/21 04:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/11/21 04:04	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-58		Lab ID: 92537784011		Collected: 05/07/21 14:20		Received: 05/07/21 17:54		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/11/21 04:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/11/21 04:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/11/21 04:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 04:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 04:04	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/11/21 04:04	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/11/21 04:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/11/21 04:04	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/11/21 04:04	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/11/21 04:04	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/11/21 04:04	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/11/21 04:04	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/11/21 04:04	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/11/21 04:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/11/21 04:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/11/21 04:04	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/11/21 04:04	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/11/21 04:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/11/21 04:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/11/21 04:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/11/21 04:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 04:04	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 04:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/11/21 04:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/11/21 04:04	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/11/21 04:04	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/11/21 04:04	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/11/21 04:04	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/11/21 04:04	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/11/21 04:04	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		05/11/21 04:04	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		05/11/21 04:04	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/11/21 04:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-59D Lab ID: 92537784012 Collected: 05/07/21 15:32 Received: 05/07/21 17:54 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		05/11/21 00:38		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/11/21 00:38		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/11/21 00:38		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/11/21 00:38		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/11/21 00:38		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	110	%	70-130		1		05/11/21 00:38	460-00-4	
4-Bromofluorobenzene (PID) (S)	110	%	70-130		1		05/11/21 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	05/12/21 17:36	05/14/21 19:19	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/11/21 01:40	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/11/21 01:40	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/11/21 01:40	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/11/21 01:40	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/11/21 01:40	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/11/21 01:40	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/11/21 01:40	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/11/21 01:40	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/11/21 01:40	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/11/21 01:40	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/11/21 01:40	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/11/21 01:40	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/11/21 01:40	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/11/21 01:40	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 01:40	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 01:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/11/21 01:40	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/11/21 01:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/11/21 01:40	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/11/21 01:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 01:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 01:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/11/21 01:40	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/11/21 01:40	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/11/21 01:40	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 01:40	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/11/21 01:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 01:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/11/21 01:40	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/11/21 01:40	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-59D		Lab ID: 92537784012		Collected: 05/07/21 15:32		Received: 05/07/21 17:54		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/11/21 01:40	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/11/21 01:40	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/11/21 01:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 01:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 01:40	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/11/21 01:40	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/11/21 01:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/11/21 01:40	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/11/21 01:40	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/11/21 01:40	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/11/21 01:40	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/11/21 01:40	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/11/21 01:40	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/11/21 01:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/11/21 01:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/11/21 01:40	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/11/21 01:40	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/11/21 01:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/11/21 01:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/11/21 01:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/11/21 01:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 01:40	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 01:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/11/21 01:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/11/21 01:40	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/11/21 01:40	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/11/21 01:40	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/11/21 01:40	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/11/21 01:40	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/11/21 01:40	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		05/11/21 01:40	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		05/11/21 01:40	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		05/11/21 01:40	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-57D Lab ID: 92537784013 Collected: 05/07/21 16:15 Received: 05/07/21 17:54 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		05/11/21 01:06		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/11/21 01:06		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/11/21 01:06		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/11/21 01:06		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/11/21 01:06		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	107	%	70-130		1		05/11/21 01:06	460-00-4	
4-Bromofluorobenzene (PID) (S)	108	%	70-130		1		05/11/21 01:06	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	19.4	ug/L	5.0	4.5	1	05/12/21 17:36	05/14/21 19:34	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/11/21 04:21	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/11/21 04:21	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/11/21 04:21	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/11/21 04:21	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/11/21 04:21	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/11/21 04:21	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/11/21 04:21	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/11/21 04:21	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/11/21 04:21	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/11/21 04:21	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/11/21 04:21	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/11/21 04:21	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/11/21 04:21	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/11/21 04:21	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 04:21	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 04:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/11/21 04:21	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/11/21 04:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/11/21 04:21	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/11/21 04:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 04:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 04:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/11/21 04:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/11/21 04:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/11/21 04:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 04:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/11/21 04:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 04:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/11/21 04:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/11/21 04:21	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-57D		Lab ID: 92537784013		Collected: 05/07/21 16:15		Received: 05/07/21 17:54		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/11/21 04:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/11/21 04:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/11/21 04:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 04:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 04:21	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/11/21 04:21	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/11/21 04:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/11/21 04:21	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/11/21 04:21	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/11/21 04:21	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/11/21 04:21	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/11/21 04:21	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/11/21 04:21	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/11/21 04:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/11/21 04:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/11/21 04:21	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/11/21 04:21	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/11/21 04:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/11/21 04:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/11/21 04:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/11/21 04:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 04:21	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 04:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/11/21 04:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/11/21 04:21	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/11/21 04:21	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/11/21 04:21	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/11/21 04:21	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/11/21 04:21	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/11/21 04:21	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		05/11/21 04:21	17060-07-0	
4-Bromofluorobenzene (S)	100	%	70-130		1		05/11/21 04:21	460-00-4	
Toluene-d8 (S)	104	%	70-130		1		05/11/21 04:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-02		Lab ID: 92537784014		Collected: 05/07/21 10:40		Received: 05/07/21 17:54		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		05/11/21 01:34		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/11/21 01:34		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/11/21 01:34		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/11/21 01:34		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/11/21 01:34		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130		1		05/11/21 01:34	460-00-4	
4-Bromofluorobenzene (PID) (S)	98	%	70-130		1		05/11/21 01:34	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	05/12/21 17:36	05/14/21 19:38	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/11/21 01:58	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/11/21 01:58	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/11/21 01:58	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/11/21 01:58	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/11/21 01:58	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/11/21 01:58	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/11/21 01:58	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/11/21 01:58	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/11/21 01:58	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/11/21 01:58	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/11/21 01:58	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/11/21 01:58	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/11/21 01:58	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/11/21 01:58	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 01:58	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 01:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/11/21 01:58	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/11/21 01:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/11/21 01:58	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/11/21 01:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 01:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 01:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/11/21 01:58	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/11/21 01:58	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/11/21 01:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 01:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/11/21 01:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 01:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/11/21 01:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/11/21 01:58	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-02		Lab ID: 92537784014		Collected: 05/07/21 10:40		Received: 05/07/21 17:54		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/11/21 01:58	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/11/21 01:58	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/11/21 01:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 01:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 01:58	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/11/21 01:58	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/11/21 01:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/11/21 01:58	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/11/21 01:58	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/11/21 01:58	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/11/21 01:58	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/11/21 01:58	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/11/21 01:58	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/11/21 01:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/11/21 01:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/11/21 01:58	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/11/21 01:58	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/11/21 01:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/11/21 01:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/11/21 01:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/11/21 01:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 01:58	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 01:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/11/21 01:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/11/21 01:58	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/11/21 01:58	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/11/21 01:58	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/11/21 01:58	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/11/21 01:58	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/11/21 01:58	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		05/11/21 01:58	17060-07-0	
4-Bromofluorobenzene (S)	102	%	70-130		1		05/11/21 01:58	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		05/11/21 01:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-04 Lab ID: 92537784015 Collected: 05/07/21 12:30 Received: 05/07/21 17:54 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		05/11/21 02:03		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/11/21 02:03		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/11/21 02:03		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/11/21 02:03		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/11/21 02:03		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		05/11/21 02:03	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		05/11/21 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	05/12/21 17:36	05/14/21 19:41	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/11/21 02:16	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/11/21 02:16	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/11/21 02:16	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/11/21 02:16	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/11/21 02:16	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/11/21 02:16	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/11/21 02:16	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/11/21 02:16	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/11/21 02:16	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/11/21 02:16	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/11/21 02:16	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/11/21 02:16	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/11/21 02:16	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/11/21 02:16	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 02:16	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 02:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/11/21 02:16	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/11/21 02:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/11/21 02:16	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/11/21 02:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 02:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 02:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/11/21 02:16	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/11/21 02:16	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/11/21 02:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 02:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/11/21 02:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 02:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/11/21 02:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/11/21 02:16	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-04		Lab ID: 92537784015		Collected: 05/07/21 12:30		Received: 05/07/21 17:54		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/11/21 02:16	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/11/21 02:16	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/11/21 02:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 02:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 02:16	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/11/21 02:16	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/11/21 02:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/11/21 02:16	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/11/21 02:16	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/11/21 02:16	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/11/21 02:16	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/11/21 02:16	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/11/21 02:16	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/11/21 02:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/11/21 02:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/11/21 02:16	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/11/21 02:16	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/11/21 02:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/11/21 02:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/11/21 02:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/11/21 02:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 02:16	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 02:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/11/21 02:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/11/21 02:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/11/21 02:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/11/21 02:16	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/11/21 02:16	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/11/21 02:16	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/11/21 02:16	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		05/11/21 02:16	17060-07-0	
4-Bromofluorobenzene (S)	104	%	70-130		1		05/11/21 02:16	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/11/21 02:16	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-15		Lab ID: 92537784016		Collected: 05/07/21 15:20		Received: 05/07/21 17:54		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		05/11/21 02:31		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/11/21 02:31		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/11/21 02:31		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/11/21 02:31		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/11/21 02:31		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	110	%	70-130		1		05/11/21 02:31	460-00-4	
4-Bromofluorobenzene (PID) (S)	110	%	70-130		1		05/11/21 02:31	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	05/12/21 17:36	05/14/21 19:44	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/11/21 02:34	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/11/21 02:34	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/11/21 02:34	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/11/21 02:34	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/11/21 02:34	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/11/21 02:34	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/11/21 02:34	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/11/21 02:34	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/11/21 02:34	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/11/21 02:34	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/11/21 02:34	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/11/21 02:34	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/11/21 02:34	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/11/21 02:34	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 02:34	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 02:34	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/11/21 02:34	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/11/21 02:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/11/21 02:34	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/11/21 02:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 02:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 02:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/11/21 02:34	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/11/21 02:34	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/11/21 02:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 02:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/11/21 02:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 02:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/11/21 02:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/11/21 02:34	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-15		Lab ID: 92537784016		Collected: 05/07/21 15:20		Received: 05/07/21 17:54		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/11/21 02:34	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/11/21 02:34	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/11/21 02:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 02:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 02:34	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/11/21 02:34	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/11/21 02:34	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/11/21 02:34	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/11/21 02:34	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/11/21 02:34	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/11/21 02:34	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/11/21 02:34	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/11/21 02:34	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/11/21 02:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/11/21 02:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/11/21 02:34	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/11/21 02:34	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/11/21 02:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/11/21 02:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/11/21 02:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/11/21 02:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 02:34	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 02:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/11/21 02:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/11/21 02:34	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/11/21 02:34	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/11/21 02:34	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/11/21 02:34	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/11/21 02:34	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/11/21 02:34	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		05/11/21 02:34	17060-07-0	
4-Bromofluorobenzene (S)	102	%	70-130		1		05/11/21 02:34	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/11/21 02:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-07D Lab ID: 92537784017 Collected: 05/07/21 14:40 Received: 05/07/21 17:54 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		05/11/21 20:37		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/11/21 20:37		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/11/21 20:37		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/11/21 20:37		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/11/21 20:37		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		05/11/21 20:37	460-00-4	
4-Bromofluorobenzene (PID) (S)	99	%	70-130		1		05/11/21 20:37	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	05/12/21 17:36	05/14/21 19:47	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/11/21 02:52	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/11/21 02:52	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/11/21 02:52	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/11/21 02:52	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/11/21 02:52	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/11/21 02:52	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/11/21 02:52	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/11/21 02:52	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/11/21 02:52	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/11/21 02:52	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/11/21 02:52	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/11/21 02:52	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/11/21 02:52	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/11/21 02:52	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 02:52	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 02:52	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/11/21 02:52	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/11/21 02:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/11/21 02:52	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/11/21 02:52	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 02:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 02:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/11/21 02:52	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/11/21 02:52	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/11/21 02:52	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 02:52	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/11/21 02:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 02:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/11/21 02:52	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/11/21 02:52	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-07D		Lab ID: 92537784017		Collected: 05/07/21 14:40		Received: 05/07/21 17:54		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/11/21 02:52	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/11/21 02:52	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/11/21 02:52	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 02:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 02:52	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/11/21 02:52	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/11/21 02:52	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/11/21 02:52	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/11/21 02:52	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/11/21 02:52	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/11/21 02:52	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/11/21 02:52	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/11/21 02:52	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/11/21 02:52	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/11/21 02:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/11/21 02:52	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/11/21 02:52	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/11/21 02:52	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/11/21 02:52	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/11/21 02:52	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/11/21 02:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 02:52	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 02:52	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/11/21 02:52	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/11/21 02:52	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/11/21 02:52	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/11/21 02:52	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/11/21 02:52	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/11/21 02:52	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/11/21 02:52	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		05/11/21 02:52	17060-07-0	
4-Bromofluorobenzene (S)	102	%	70-130		1		05/11/21 02:52	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		05/11/21 02:52	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: FB-1-20210507 Lab ID: 92537784018 Collected: 05/07/21 11:05 Received: 05/07/21 17:54 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		05/11/21 21:05		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/11/21 21:05		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/11/21 21:05		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/11/21 21:05		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/11/21 21:05		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1		05/11/21 21:05	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		05/11/21 21:05	460-00-4	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/12/21 00:22	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/12/21 00:22	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/12/21 00:22	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/12/21 00:22	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/12/21 00:22	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/12/21 00:22	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/12/21 00:22	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/12/21 00:22	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/12/21 00:22	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/12/21 00:22	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/12/21 00:22	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/12/21 00:22	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/12/21 00:22	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/12/21 00:22	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/12/21 00:22	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/12/21 00:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/12/21 00:22	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/12/21 00:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/12/21 00:22	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/12/21 00:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/12/21 00:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/12/21 00:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/12/21 00:22	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/12/21 00:22	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/12/21 00:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/12/21 00:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/12/21 00:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/12/21 00:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/12/21 00:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/12/21 00:22	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/12/21 00:22	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/12/21 00:22	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/12/21 00:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/12/21 00:22	10061-01-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: FB-1-20210507 Lab ID: 92537784018 Collected: 05/07/21 11:05 Received: 05/07/21 17:54 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-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/12/21 00:22	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/12/21 00:22	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/12/21 00:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/12/21 00:22	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/12/21 00:22	98-82-8	
Methylene Chloride	2.8	ug/L	2.0	2.0	1		05/12/21 00:22	75-09-2	C0
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/12/21 00:22	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/12/21 00:22	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/12/21 00:22	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/12/21 00:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/12/21 00:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/12/21 00:22	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/12/21 00:22	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/12/21 00:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/12/21 00:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/12/21 00:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/12/21 00:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/12/21 00:22	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/12/21 00:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/12/21 00:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/12/21 00:22	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/12/21 00:22	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/12/21 00:22	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/12/21 00:22	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/12/21 00:22	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/12/21 00:22	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		05/12/21 00:22	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130		1		05/12/21 00:22	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/12/21 00:22	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: Trip Blank		Lab ID: 92537784019		Collected: 05/07/21 00:00		Received: 05/07/21 17:54		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		05/10/21 23:53	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/10/21 23:53	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/10/21 23:53	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/10/21 23:53	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/10/21 23:53	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/10/21 23:53	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/10/21 23:53	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/10/21 23:53	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/10/21 23:53	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/10/21 23:53	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/10/21 23:53	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/10/21 23:53	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/10/21 23:53	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/10/21 23:53	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/10/21 23:53	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/10/21 23:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/10/21 23:53	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/10/21 23:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/10/21 23:53	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/10/21 23:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/10/21 23:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/10/21 23:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/10/21 23:53	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/10/21 23:53	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/10/21 23:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/10/21 23:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/10/21 23:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/10/21 23:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/10/21 23:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/10/21 23:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/10/21 23:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/10/21 23:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/10/21 23:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/10/21 23:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/10/21 23:53	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/10/21 23:53	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/10/21 23:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/10/21 23:53	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/10/21 23:53	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/10/21 23:53	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/10/21 23:53	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/10/21 23:53	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/10/21 23:53	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/10/21 23:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/10/21 23:53	630-20-6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: Trip Blank		Lab ID: 92537784019		Collected: 05/07/21 00:00		Received: 05/07/21 17:54		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		05/10/21 23:53	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/10/21 23:53	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/10/21 23:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/10/21 23:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/10/21 23:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/10/21 23:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/10/21 23:53	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/10/21 23:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/10/21 23:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/10/21 23:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/10/21 23:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/10/21 23:53	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/10/21 23:53	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/10/21 23:53	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/10/21 23:53	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		05/10/21 23:53	17060-07-0	
4-Bromofluorobenzene (S)	102	%	70-130		1		05/10/21 23:53	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/10/21 23:53	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: Trip Blank		Lab ID: 92537784020		Collected: 05/07/21 00:00		Received: 05/07/21 17:54		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		05/11/21 13:33	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/11/21 13:33	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/11/21 13:33	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/11/21 13:33	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/11/21 13:33	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/11/21 13:33	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/11/21 13:33	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/11/21 13:33	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/11/21 13:33	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/11/21 13:33	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/11/21 13:33	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/11/21 13:33	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/11/21 13:33	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/11/21 13:33	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 13:33	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 13:33	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/11/21 13:33	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/11/21 13:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/11/21 13:33	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/11/21 13:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 13:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 13:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/11/21 13:33	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/11/21 13:33	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/11/21 13:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 13:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/11/21 13:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 13:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/11/21 13:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/11/21 13:33	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/11/21 13:33	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/11/21 13:33	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/11/21 13:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 13:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 13:33	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/11/21 13:33	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/11/21 13:33	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/11/21 13:33	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/11/21 13:33	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/11/21 13:33	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/11/21 13:33	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/11/21 13:33	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/11/21 13:33	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/11/21 13:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/11/21 13:33	630-20-6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: Trip Blank		Lab ID: 92537784020		Collected: 05/07/21 00:00		Received: 05/07/21 17:54		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		05/11/21 13:33	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/11/21 13:33	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/11/21 13:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/11/21 13:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/11/21 13:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/11/21 13:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 13:33	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 13:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/11/21 13:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/11/21 13:33	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/11/21 13:33	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/11/21 13:33	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/11/21 13:33	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/11/21 13:33	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/11/21 13:33	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		05/11/21 13:33	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		05/11/21 13:33	460-00-4	
Toluene-d8 (S)	107	%	70-130		1		05/11/21 13:33	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-09 Lab ID: 92537784021 Collected: 05/07/21 11:40 Received: 05/07/21 17:54 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		05/11/21 21:34		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/11/21 21:34		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/11/21 21:34		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/11/21 21:34		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/11/21 21:34		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		05/11/21 21:34	460-00-4	
4-Bromofluorobenzene (PID) (S)	99	%	70-130		1		05/11/21 21:34	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	05/12/21 17:36	05/14/21 21:16	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/11/21 14:09	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/11/21 14:09	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/11/21 14:09	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/11/21 14:09	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/11/21 14:09	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/11/21 14:09	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/11/21 14:09	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/11/21 14:09	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/11/21 14:09	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/11/21 14:09	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/11/21 14:09	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/11/21 14:09	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/11/21 14:09	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/11/21 14:09	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 14:09	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/11/21 14:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/11/21 14:09	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/11/21 14:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/11/21 14:09	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/11/21 14:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 14:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/11/21 14:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/11/21 14:09	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/11/21 14:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/11/21 14:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 14:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/11/21 14:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 14:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/11/21 14:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/11/21 14:09	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-09		Lab ID: 92537784021		Collected: 05/07/21 11:40		Received: 05/07/21 17:54		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/11/21 14:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/11/21 14:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/11/21 14:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 14:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/11/21 14:09	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/11/21 14:09	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/11/21 14:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/11/21 14:09	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/11/21 14:09	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/11/21 14:09	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/11/21 14:09	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/11/21 14:09	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/11/21 14:09	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/11/21 14:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/11/21 14:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/11/21 14:09	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/11/21 14:09	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/11/21 14:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/11/21 14:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/11/21 14:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/11/21 14:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/11/21 14:09	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/11/21 14:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/11/21 14:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/11/21 14:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/11/21 14:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/11/21 14:09	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/11/21 14:09	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/11/21 14:09	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/11/21 14:09	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		05/11/21 14:09	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130		1		05/11/21 14:09	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/11/21 14:09	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-29		Lab ID: 92537784022		Collected: 05/07/21 09:15		Received: 05/07/21 17:54		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)	9310	ug/L	125	125	2.5		05/12/21 23:25		N2
Aliphatic (C05-C08)	8060	ug/L	125	125	2.5		05/12/21 23:25		N2
Aliphatic (C09-C12)	1250	ug/L	125	125	2.5		05/12/21 23:25		N2
Aliphatic(C09-C12) Adjusted	1100	ug/L	125	125	2.5		05/12/21 23:25		N2
Aromatic (C09-C10)	151	ug/L	125	125	2.5		05/12/21 23:25		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	84	%	70-130		2.5		05/12/21 23:25	460-00-4	
4-Bromofluorobenzene (PID) (S)	84	%	70-130		2.5		05/12/21 23:25	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	05/12/21 17:36	05/14/21 21:44	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	785	ug/L	5.0	3.4	10		05/12/21 14:37	71-43-2	
Bromobenzene	ND	ug/L	5.0	2.9	10		05/12/21 14:37	108-86-1	
Bromochloromethane	ND	ug/L	5.0	4.7	10		05/12/21 14:37	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	3.1	10		05/12/21 14:37	75-27-4	
Bromoform	ND	ug/L	5.0	3.4	10		05/12/21 14:37	75-25-2	
Bromomethane	ND	ug/L	50.0	16.6	10		05/12/21 14:37	74-83-9	
n-Butylbenzene	ND	ug/L	5.0	4.9	10		05/12/21 14:37	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	4.0	10		05/12/21 14:37	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	3.2	10		05/12/21 14:37	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	3.3	10		05/12/21 14:37	56-23-5	
Chlorobenzene	ND	ug/L	5.0	2.8	10		05/12/21 14:37	108-90-7	
Chloroethane	ND	ug/L	10.0	6.5	10		05/12/21 14:37	75-00-3	
Chloroform	ND	ug/L	5.0	3.5	10		05/12/21 14:37	67-66-3	
Chloromethane	ND	ug/L	10.0	5.4	10		05/12/21 14:37	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	3.2	10		05/12/21 14:37	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	3.2	10		05/12/21 14:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	3.4	10		05/12/21 14:37	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	3.6	10		05/12/21 14:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	2.7	10		05/12/21 14:37	106-93-4	
Dibromomethane	ND	ug/L	5.0	3.9	10		05/12/21 14:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	3.4	10		05/12/21 14:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	3.4	10		05/12/21 14:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	3.3	10		05/12/21 14:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	3.5	10		05/12/21 14:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	3.7	10		05/12/21 14:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	3.2	10		05/12/21 14:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	3.5	10		05/12/21 14:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	3.8	10		05/12/21 14:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	4.0	10		05/12/21 14:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	3.6	10		05/12/21 14:37	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-29		Lab ID: 92537784022		Collected: 05/07/21 09:15		Received: 05/07/21 17:54		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	5.0	2.8	10		05/12/21 14:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	3.9	10		05/12/21 14:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	4.3	10		05/12/21 14:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	3.6	10		05/12/21 14:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	3.6	10		05/12/21 14:37	10061-02-6	
Diisopropyl ether	96.6	ug/L	5.0	3.1	10		05/12/21 14:37	108-20-3	
Ethylbenzene	34.0	ug/L	5.0	3.0	10		05/12/21 14:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	20.0	15.3	10		05/12/21 14:37	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	3.3	10		05/12/21 14:37	98-82-8	
Methylene Chloride	ND	ug/L	20.0	19.5	10		05/12/21 14:37	75-09-2	R1
Methyl-tert-butyl ether	8.9	ug/L	5.0	4.2	10		05/12/21 14:37	1634-04-4	
Naphthalene	7.4J	ug/L	20.0	6.4	10		05/12/21 14:37	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	3.4	10		05/12/21 14:37	103-65-1	
Styrene	ND	ug/L	5.0	2.9	10		05/12/21 14:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	3.1	10		05/12/21 14:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.2	10		05/12/21 14:37	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.9	10		05/12/21 14:37	127-18-4	
Toluene	1170	ug/L	5.0	4.8	10		05/12/21 14:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	20.0	8.1	10		05/12/21 14:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	20.0	6.4	10		05/12/21 14:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	3.3	10		05/12/21 14:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	3.2	10		05/12/21 14:37	79-00-5	
Trichloroethene	ND	ug/L	5.0	3.8	10		05/12/21 14:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	3.0	10		05/12/21 14:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.6	10		05/12/21 14:37	96-18-4	
1,2,4-Trimethylbenzene	45.0	ug/L	5.0	5.0	10		05/12/21 14:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	3.3	10		05/12/21 14:37	108-67-8	
Vinyl chloride	ND	ug/L	10.0	3.9	10		05/12/21 14:37	75-01-4	
m&p-Xylene	381	ug/L	10.0	7.1	10		05/12/21 14:37	179601-23-1	
o-Xylene	216	ug/L	5.0	3.4	10		05/12/21 14:37	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130		10		05/12/21 14:37	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		10		05/12/21 14:37	460-00-4	
Toluene-d8 (S)	101	%	70-130		10		05/12/21 14:37	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-41 Lab ID: 92537784023 Collected: 05/07/21 12:50 Received: 05/07/21 17:54 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		05/11/21 22:31		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/11/21 22:31		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/11/21 22:31		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/11/21 22:31		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/11/21 22:31		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1		05/11/21 22:31	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		05/11/21 22:31	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	4.6J	ug/L	5.0	4.5	1	05/12/21 17:36	05/14/21 21:48	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	0.87	ug/L	0.50	0.34	1		05/12/21 12:48	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/12/21 12:48	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/12/21 12:48	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/12/21 12:48	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/12/21 12:48	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/12/21 12:48	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/12/21 12:48	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/12/21 12:48	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/12/21 12:48	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/12/21 12:48	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/12/21 12:48	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/12/21 12:48	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/12/21 12:48	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/12/21 12:48	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/12/21 12:48	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/12/21 12:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/12/21 12:48	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/12/21 12:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/12/21 12:48	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/12/21 12:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/12/21 12:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/12/21 12:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/12/21 12:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/12/21 12:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/12/21 12:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/12/21 12:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/12/21 12:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/12/21 12:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/12/21 12:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/12/21 12:48	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Sample: MW-41		Lab ID: 92537784023		Collected: 05/07/21 12:50		Received: 05/07/21 17:54		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/12/21 12:48	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/12/21 12:48	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/12/21 12:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/12/21 12:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/12/21 12:48	10061-02-6	
Diisopropyl ether	0.71	ug/L	0.50	0.31	1		05/12/21 12:48	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/12/21 12:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/12/21 12:48	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/12/21 12:48	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/12/21 12:48	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/12/21 12:48	1634-04-4	
Naphthalene	0.81J	ug/L	2.0	0.64	1		05/12/21 12:48	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/12/21 12:48	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/12/21 12:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/12/21 12:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/12/21 12:48	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/12/21 12:48	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/12/21 12:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/12/21 12:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/12/21 12:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/12/21 12:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/12/21 12:48	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/12/21 12:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/12/21 12:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/12/21 12:48	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/12/21 12:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/12/21 12:48	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/12/21 12:48	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/12/21 12:48	179601-23-1	
o-Xylene	0.44J	ug/L	0.50	0.34	1		05/12/21 12:48	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		05/12/21 12:48	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		05/12/21 12:48	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/12/21 12:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

QC Batch:	619469	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92537784001, 92537784002, 92537784003, 92537784004, 92537784005, 92537784006, 92537784007, 92537784008, 92537784009, 92537784010, 92537784011, 92537784012, 92537784013, 92537784014, 92537784015, 92537784016		

METHOD BLANK: 3259156 Matrix: Water

Associated Lab Samples: 92537784001, 92537784002, 92537784003, 92537784004, 92537784005, 92537784006, 92537784007, 92537784008, 92537784009, 92537784010, 92537784011, 92537784012, 92537784013, 92537784014, 92537784015, 92537784016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/10/21 18:26	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/10/21 18:26	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/10/21 18:26	N2
4-Bromofluorobenzene (FID) (S)	%	103	70-130		05/10/21 18:26	
4-Bromofluorobenzene (PID) (S)	%	102	70-130		05/10/21 18:26	

LABORATORY CONTROL SAMPLE & LCSD: 3259157

LABORATORY CONTROL SAMPLE & LCSD: 3259157			3259158							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	290	277	97	92	70-130	5	25	N2
Aliphatic (C09-C12)	ug/L	300	348	313	116	104	70-130	10	25	N2
Aromatic (C09-C10)	ug/L	100	108	98.0	108	98	70-130	9	25	N2
4-Bromofluorobenzene (FID) (S)	%				100	102	70-130			
4-Bromofluorobenzene (PID) (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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

QC Batch: 619708

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92537784017, 92537784018, 92537784021, 92537784023

METHOD BLANK: 3260395

Matrix: Water

Associated Lab Samples: 92537784017, 92537784018, 92537784021, 92537784023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/11/21 18:15	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/11/21 18:15	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/11/21 18:15	N2
4-Bromofluorobenzene (FID) (S)	%	99	70-130		05/11/21 18:15	
4-Bromofluorobenzene (PID) (S)	%	100	70-130		05/11/21 18:15	

LABORATORY CONTROL SAMPLE & LCSD: 3260396

3260397

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	276	282	92	94	70-130	2	25	N2
Aliphatic (C09-C12)	ug/L	300	316	325	105	108	70-130	3	25	N2
Aromatic (C09-C10)	ug/L	100	97.9	105	98	105	70-130	7	25	N2
4-Bromofluorobenzene (FID) (S)	%				106	105	70-130			
4-Bromofluorobenzene (PID) (S)	%				104	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

QC Batch: 619972

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92537784022

METHOD BLANK: 3261756

Matrix: Water

Associated Lab Samples: 92537784022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/12/21 18:38	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/12/21 18:38	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/12/21 18:38	N2
4-Bromofluorobenzene (FID) (S)	%	100	70-130		05/12/21 18:38	
4-Bromofluorobenzene (PID) (S)	%	102	70-130		05/12/21 18:38	

LABORATORY CONTROL SAMPLE & LCSD: 3261757

3261758

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	326	313	109	104	70-130	4	25	N2
Aliphatic (C09-C12)	ug/L	300	339	354	113	118	70-130	4	25	N2
Aromatic (C09-C10)	ug/L	100	108	112	108	112	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				101	108	70-130			
4-Bromofluorobenzene (PID) (S)	%				100	106	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

QC Batch:	619958	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3010A	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Asheville
Associated Lab Samples:	92537784001, 92537784002, 92537784003, 92537784004, 92537784005, 92537784006, 92537784007, 92537784008, 92537784009, 92537784010, 92537784011, 92537784012, 92537784013, 92537784014, 92537784015, 92537784016, 92537784017		

METHOD BLANK:	3261652	Matrix:	Water
Associated Lab Samples:	92537784001, 92537784002, 92537784003, 92537784004, 92537784005, 92537784006, 92537784007, 92537784008, 92537784009, 92537784010, 92537784011, 92537784012, 92537784013, 92537784014, 92537784015, 92537784016, 92537784017		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	05/14/21 18:15	

LABORATORY CONTROL SAMPLE: 3261653						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	475	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:													3261654	3261655				
			92537489024	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	496	500	98	99	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

QC Batch: 619959

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92537784021, 92537784022, 92537784023

METHOD BLANK: 3261658

Matrix: Water

Associated Lab Samples: 92537784021, 92537784022, 92537784023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	05/14/21 21:10	

LABORATORY CONTROL SAMPLE: 3261659

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	489	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3261660 3261661

Parameter	Units	92537784021 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	506	102	100	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

QC Batch:	619401	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92537784001, 92537784002, 92537784003, 92537784004, 92537784005, 92537784006, 92537784007, 92537784008, 92537784009, 92537784010, 92537784011, 92537784012, 92537784013, 92537784014, 92537784015, 92537784016, 92537784017, 92537784019		

METHOD BLANK: 3258893

Matrix: Water

Associated Lab Samples: 92537784001, 92537784002, 92537784003, 92537784004, 92537784005, 92537784006, 92537784007, 92537784008, 92537784009, 92537784010, 92537784011, 92537784012, 92537784013, 92537784014, 92537784015, 92537784016, 92537784017, 92537784019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/10/21 23:35	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/10/21 23:35	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/10/21 23:35	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/10/21 23:35	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/10/21 23:35	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/10/21 23:35	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/10/21 23:35	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/10/21 23:35	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/10/21 23:35	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/10/21 23:35	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/10/21 23:35	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/10/21 23:35	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/10/21 23:35	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/10/21 23:35	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/10/21 23:35	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/10/21 23:35	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/10/21 23:35	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/10/21 23:35	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/10/21 23:35	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/10/21 23:35	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/10/21 23:35	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/10/21 23:35	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/10/21 23:35	
Benzene	ug/L	ND	0.50	0.34	05/10/21 23:35	
Bromobenzene	ug/L	ND	0.50	0.29	05/10/21 23:35	
Bromochloromethane	ug/L	ND	0.50	0.47	05/10/21 23:35	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/10/21 23:35	
Bromoform	ug/L	ND	0.50	0.34	05/10/21 23:35	
Bromomethane	ug/L	ND	5.0	1.7	05/10/21 23:35	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/10/21 23:35	
Chlorobenzene	ug/L	ND	0.50	0.28	05/10/21 23:35	
Chloroethane	ug/L	ND	1.0	0.65	05/10/21 23:35	
Chloroform	ug/L	ND	0.50	0.35	05/10/21 23:35	
Chloromethane	ug/L	ND	1.0	0.54	05/10/21 23:35	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/10/21 23:35	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/10/21 23:35	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/10/21 23:35	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

METHOD BLANK: 3258893

Matrix: Water

Associated Lab Samples: 92537784001, 92537784002, 92537784003, 92537784004, 92537784005, 92537784006, 92537784007, 92537784008, 92537784009, 92537784010, 92537784011, 92537784012, 92537784013, 92537784014, 92537784015, 92537784016, 92537784017, 92537784019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	0.50	0.39	05/10/21 23:35	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/10/21 23:35	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/10/21 23:35	
Ethylbenzene	ug/L	ND	0.50	0.30	05/10/21 23:35	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/10/21 23:35	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/10/21 23:35	
m&p-Xylene	ug/L	ND	1.0	0.71	05/10/21 23:35	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/10/21 23:35	
Methylene Chloride	ug/L	ND	2.0	2.0	05/10/21 23:35	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/10/21 23:35	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/10/21 23:35	
Naphthalene	ug/L	ND	2.0	0.64	05/10/21 23:35	
o-Xylene	ug/L	ND	0.50	0.34	05/10/21 23:35	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/10/21 23:35	
Styrene	ug/L	ND	0.50	0.29	05/10/21 23:35	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/10/21 23:35	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/10/21 23:35	
Toluene	ug/L	ND	0.50	0.48	05/10/21 23:35	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/10/21 23:35	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/10/21 23:35	
Trichloroethene	ug/L	ND	0.50	0.38	05/10/21 23:35	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/10/21 23:35	
Vinyl chloride	ug/L	ND	1.0	0.39	05/10/21 23:35	
1,2-Dichloroethane-d4 (S)	%	97	70-130		05/10/21 23:35	
4-Bromofluorobenzene (S)	%	105	70-130		05/10/21 23:35	
Toluene-d8 (S)	%	102	70-130		05/10/21 23:35	

LABORATORY CONTROL SAMPLE: 3258894

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	45.1	90	60-140	
1,1,1-Trichloroethane	ug/L	50	46.0	92	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	42.8	86	60-140	
1,1,2-Trichloroethane	ug/L	50	48.2	96	60-140	
1,1-Dichloroethane	ug/L	50	45.4	91	60-140	
1,1-Dichloroethene	ug/L	50	46.5	93	60-140	
1,1-Dichloropropene	ug/L	50	47.9	96	60-140	
1,2,3-Trichlorobenzene	ug/L	50	45.2	90	60-140	
1,2,3-Trichloropropane	ug/L	50	43.9	88	60-140	
1,2,4-Trichlorobenzene	ug/L	50	45.4	91	60-140	
1,2,4-Trimethylbenzene	ug/L	50	42.0	84	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	44.2	88	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

LABORATORY CONTROL SAMPLE: 3258894

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	45.9	92	60-140	
1,2-Dichlorobenzene	ug/L	50	43.6	87	60-140	
1,2-Dichloroethane	ug/L	50	45.8	92	60-140	
1,2-Dichloropropane	ug/L	50	47.7	95	60-140	
1,3,5-Trimethylbenzene	ug/L	50	42.8	86	60-140	
1,3-Dichlorobenzene	ug/L	50	43.8	88	60-140	
1,3-Dichloropropane	ug/L	50	45.0	90	60-140	
1,4-Dichlorobenzene	ug/L	50	43.5	87	60-140	
2,2-Dichloropropane	ug/L	50	42.5	85	60-140	
2-Chlorotoluene	ug/L	50	43.1	86	60-140	
4-Chlorotoluene	ug/L	50	41.5	83	60-140	
Benzene	ug/L	50	46.8	94	60-140	
Bromobenzene	ug/L	50	45.0	90	60-140	
Bromochloromethane	ug/L	50	48.6	97	60-140	
Bromodichloromethane	ug/L	50	45.3	91	60-140	
Bromoform	ug/L	50	47.0	94	60-140	
Bromomethane	ug/L	50	61.7	123	60-140	
Carbon tetrachloride	ug/L	50	49.8	100	60-140	
Chlorobenzene	ug/L	50	45.7	91	60-140	
Chloroethane	ug/L	50	42.1	84	60-140	
Chloroform	ug/L	50	45.7	91	60-140	
Chloromethane	ug/L	50	45.0	90	60-140	
cis-1,2-Dichloroethene	ug/L	50	45.8	92	60-140	
cis-1,3-Dichloropropene	ug/L	50	45.1	90	60-140	
Dibromochloromethane	ug/L	50	46.8	94	60-140	
Dibromomethane	ug/L	50	49.0	98	60-140	
Dichlorodifluoromethane	ug/L	50	50.6	101	60-140	
Diisopropyl ether	ug/L	50	42.0	84	60-140	
Ethylbenzene	ug/L	50	44.0	88	60-140	
Hexachloro-1,3-butadiene	ug/L	50	45.6	91	60-140	
Isopropylbenzene (Cumene)	ug/L	50	44.9	90	60-140	
m&p-Xylene	ug/L	100	86.8	87	60-140	
Methyl-tert-butyl ether	ug/L	50	49.1	98	60-140	
Methylene Chloride	ug/L	50	44.5	89	60-140	
n-Butylbenzene	ug/L	50	41.5	83	60-140	
n-Propylbenzene	ug/L	50	42.4	85	60-140	
Naphthalene	ug/L	50	43.7	87	60-140	
o-Xylene	ug/L	50	43.6	87	60-140	
sec-Butylbenzene	ug/L	50	42.1	84	60-140	
Styrene	ug/L	50	44.9	90	60-140	
tert-Butylbenzene	ug/L	50	36.1	72	60-140	
Tetrachloroethene	ug/L	50	45.6	91	60-140	
Toluene	ug/L	50	44.7	89	60-140	
trans-1,2-Dichloroethene	ug/L	50	46.0	92	60-140	
trans-1,3-Dichloropropene	ug/L	50	43.9	88	60-140	
Trichloroethene	ug/L	50	48.0	96	60-140	
Trichlorofluoromethane	ug/L	50	46.7	93	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

LABORATORY CONTROL SAMPLE: 3258894

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Vinyl chloride	ug/L	50	46.3	93	60-140	
1,2-Dichloroethane-d4 (S)	%			92	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3258895 3258896

Parameter	Units	92537784002 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	17.7	18.7	89	94	60-140	6	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	18.8	19.8	94	99	60-140	5	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	18.4	18.9	92	95	60-140	3	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	19.6	20.5	98	102	60-140	4	30	
1,1-Dichloroethane	ug/L	ND	20	20	18.0	19.3	90	97	60-140	7	30	
1,1-Dichloroethene	ug/L	ND	20	20	19.9	20.7	100	103	60-140	4	30	
1,1-Dichloropropene	ug/L	ND	20	20	17.3	18.4	87	92	60-140	6	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	18.0	19.3	90	96	60-140	7	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	18.2	18.2	91	91	60-140	0	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	17.6	18.6	88	93	60-140	6	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	19.1	18.7	96	94	60-140	2	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	17.7	19.0	88	95	60-140	7	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	18.4	20.1	92	101	60-140	9	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	16.5	17.9	83	89	60-140	8	30	
1,2-Dichloroethane	ug/L	ND	20	20	16.5	17.1	82	86	60-140	4	30	
1,2-Dichloropropane	ug/L	ND	20	20	18.1	21.0	90	105	60-140	15	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	17.9	18.4	90	92	60-140	3	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	16.5	17.7	82	88	60-140	7	30	
1,3-Dichloropropane	ug/L	ND	20	20	18.6	20.3	93	102	60-140	9	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	16.8	17.9	84	89	60-140	6	30	
2,2-Dichloropropane	ug/L	ND	20	20	16.1	16.7	80	84	60-140	4	30	
2-Chlorotoluene	ug/L	ND	20	20	17.0	18.2	85	91	60-140	7	30	
4-Chlorotoluene	ug/L	ND	20	20	16.6	17.2	83	86	60-140	3	30	
Benzene	ug/L	ND	20	20	18.3	19.1	92	95	60-140	4	30	
Bromobenzene	ug/L	ND	20	20	17.4	18.5	87	92	60-140	6	30	
Bromochloromethane	ug/L	ND	20	20	18.1	18.9	90	95	60-140	5	30	
Bromodichloromethane	ug/L	ND	20	20	18.5	20.9	92	105	60-140	12	30	
Bromoform	ug/L	ND	20	20	16.8	18.1	84	90	60-140	7	30	
Bromomethane	ug/L	ND	20	20	19.6	22.4	96	110	60-140	13	30	
Carbon tetrachloride	ug/L	ND	20	20	18.5	19.8	92	99	60-140	7	30	
Chlorobenzene	ug/L	ND	20	20	17.8	18.7	89	94	60-140	5	30	
Chloroethane	ug/L	ND	20	20	19.8	20.8	99	104	60-140	5	30	
Chloroform	ug/L	ND	20	20	18.9	18.9	94	95	60-140	0	30	
Chloromethane	ug/L	ND	20	20	17.7	19.4	88	96	60-140	9	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.0	19.0	90	95	60-140	5	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3258895	3258896								
		92537784002	MS Spike	MSD Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
cis-1,3-Dichloropropene	ug/L	ND	20	20	17.8	20.0	89	100	60-140	12	30	
Dibromochloromethane	ug/L	ND	20	20	18.2	20.4	91	102	60-140	11	30	
Dibromomethane	ug/L	ND	20	20	18.4	20.7	92	103	60-140	11	30	
Dichlorodifluoromethane	ug/L	ND	20	20	16.1	17.2	81	86	60-140	7	30	
Diisopropyl ether	ug/L	ND	20	20	17.2	18.1	86	90	60-140	5	30	
Ethylbenzene	ug/L	ND	20	20	18.6	19.0	93	95	60-140	2	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	17.3	18.8	87	94	60-140	8	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	18.5	19.4	92	97	60-140	5	30	
m&p-Xylene	ug/L	ND	40	40	37.4	38.2	94	96	60-140	2	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	19.4	19.1	97	96	60-140	1	30	
Methylene Chloride	ug/L	ND	20	20	19.8	19.0	99	95	60-140	4	30	
n-Butylbenzene	ug/L	ND	20	20	17.1	17.8	86	89	60-140	4	30	
n-Propylbenzene	ug/L	ND	20	20	17.0	17.7	85	88	60-140	4	30	
Naphthalene	ug/L	ND	20	20	23.9	20.6	120	103	60-140	15	30	
o-Xylene	ug/L	ND	20	20	19.0	19.1	95	96	60-140	1	30	
sec-Butylbenzene	ug/L	ND	20	20	17.0	17.7	85	88	60-140	4	30	
Styrene	ug/L	ND	20	20	18.1	18.8	90	94	60-140	4	30	
tert-Butylbenzene	ug/L	ND	20	20	14.9	15.7	75	79	60-140	5	30	
Tetrachloroethene	ug/L	ND	20	20	16.2	19.2	81	96	60-140	17	30	
Toluene	ug/L	ND	20	20	18.2	20.1	91	100	60-140	10	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.6	19.2	98	96	60-140	2	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	17.7	19.2	88	96	60-140	8	30	
Trichloroethene	ug/L	ND	20	20	18.2	19.2	91	96	60-140	5	30	
Trichlorofluoromethane	ug/L	ND	20	20	18.9	19.7	95	98	60-140	4	30	
Vinyl chloride	ug/L	ND	20	20	18.2	19.9	91	99	60-140	9	30	
1,2-Dichloroethane-d4 (S)	%						103	105	70-130			
4-Bromofluorobenzene (S)	%						103	101	70-130			
Toluene-d8 (S)	%						100	107	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

QC Batch: 619610

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92537784020, 92537784021

METHOD BLANK: 3259624

Matrix: Water

Associated Lab Samples: 92537784020, 92537784021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/11/21 13:15	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/11/21 13:15	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/11/21 13:15	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/11/21 13:15	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/11/21 13:15	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/11/21 13:15	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/11/21 13:15	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/11/21 13:15	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/11/21 13:15	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/11/21 13:15	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/11/21 13:15	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/11/21 13:15	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/11/21 13:15	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/11/21 13:15	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/11/21 13:15	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/11/21 13:15	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/11/21 13:15	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/11/21 13:15	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/11/21 13:15	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/11/21 13:15	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/11/21 13:15	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/11/21 13:15	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/11/21 13:15	
Benzene	ug/L	ND	0.50	0.34	05/11/21 13:15	
Bromobenzene	ug/L	ND	0.50	0.29	05/11/21 13:15	
Bromochloromethane	ug/L	ND	0.50	0.47	05/11/21 13:15	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/11/21 13:15	
Bromoform	ug/L	ND	0.50	0.34	05/11/21 13:15	
Bromomethane	ug/L	ND	5.0	1.7	05/11/21 13:15	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/11/21 13:15	
Chlorobenzene	ug/L	ND	0.50	0.28	05/11/21 13:15	
Chloroethane	ug/L	ND	1.0	0.65	05/11/21 13:15	
Chloroform	ug/L	ND	0.50	0.35	05/11/21 13:15	
Chloromethane	ug/L	ND	1.0	0.54	05/11/21 13:15	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/11/21 13:15	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/11/21 13:15	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/11/21 13:15	
Dibromomethane	ug/L	ND	0.50	0.39	05/11/21 13:15	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/11/21 13:15	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/11/21 13:15	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

METHOD BLANK: 3259624

Matrix: Water

Associated Lab Samples: 92537784020, 92537784021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/11/21 13:15	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/11/21 13:15	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/11/21 13:15	
m&p-Xylene	ug/L	ND	1.0	0.71	05/11/21 13:15	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/11/21 13:15	
Methylene Chloride	ug/L	ND	2.0	2.0	05/11/21 13:15	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/11/21 13:15	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/11/21 13:15	
Naphthalene	ug/L	ND	2.0	0.64	05/11/21 13:15	
o-Xylene	ug/L	ND	0.50	0.34	05/11/21 13:15	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/11/21 13:15	
Styrene	ug/L	ND	0.50	0.29	05/11/21 13:15	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/11/21 13:15	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/11/21 13:15	
Toluene	ug/L	ND	0.50	0.48	05/11/21 13:15	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/11/21 13:15	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/11/21 13:15	
Trichloroethene	ug/L	ND	0.50	0.38	05/11/21 13:15	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/11/21 13:15	
Vinyl chloride	ug/L	ND	1.0	0.39	05/11/21 13:15	
1,2-Dichloroethane-d4 (S)	%	100	70-130		05/11/21 13:15	
4-Bromofluorobenzene (S)	%	99	70-130		05/11/21 13:15	
Toluene-d8 (S)	%	102	70-130		05/11/21 13:15	

LABORATORY CONTROL SAMPLE: 3259625

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	46.6	93	60-140	
1,1,1-Trichloroethane	ug/L	50	46.9	94	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.4	95	60-140	
1,1,2-Trichloroethane	ug/L	50	47.6	95	60-140	
1,1-Dichloroethane	ug/L	50	46.4	93	60-140	
1,1-Dichloroethene	ug/L	50	49.7	99	60-140	
1,1-Dichloropropene	ug/L	50	46.5	93	60-140	
1,2,3-Trichlorobenzene	ug/L	50	52.1	104	60-140	
1,2,3-Trichloropropane	ug/L	50	45.9	92	60-140	
1,2,4-Trichlorobenzene	ug/L	50	51.2	102	60-140	
1,2,4-Trimethylbenzene	ug/L	50	47.6	95	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	50.3	101	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	48.2	96	60-140	
1,2-Dichlorobenzene	ug/L	50	47.2	94	60-140	
1,2-Dichloroethane	ug/L	50	42.6	85	60-140	
1,2-Dichloropropane	ug/L	50	50.4	101	60-140	
1,3,5-Trimethylbenzene	ug/L	50	47.2	94	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

LABORATORY CONTROL SAMPLE: 3259625

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	47.2	94	60-140	
1,3-Dichloropropane	ug/L	50	46.8	94	60-140	
1,4-Dichlorobenzene	ug/L	50	47.3	95	60-140	
2,2-Dichloropropane	ug/L	50	47.8	96	60-140	
2-Chlorotoluene	ug/L	50	46.6	93	60-140	
4-Chlorotoluene	ug/L	50	45.8	92	60-140	
Benzene	ug/L	50	46.1	92	60-140	
Bromobenzene	ug/L	50	46.4	93	60-140	
Bromochloromethane	ug/L	50	47.0	94	60-140	
Bromodichloromethane	ug/L	50	49.6	99	60-140	
Bromoform	ug/L	50	46.9	94	60-140	
Bromomethane	ug/L	50	48.4	97	60-140	
Carbon tetrachloride	ug/L	50	47.6	95	60-140	
Chlorobenzene	ug/L	50	46.4	93	60-140	
Chloroethane	ug/L	50	45.6	91	60-140	
Chloroform	ug/L	50	45.9	92	60-140	
Chloromethane	ug/L	50	47.0	94	60-140	
cis-1,2-Dichloroethene	ug/L	50	46.1	92	60-140	
cis-1,3-Dichloropropene	ug/L	50	47.8	96	60-140	
Dibromochloromethane	ug/L	50	48.5	97	60-140	
Dibromomethane	ug/L	50	48.9	98	60-140	
Dichlorodifluoromethane	ug/L	50	50.6	101	60-140	
Diisopropyl ether	ug/L	50	45.7	91	60-140	
Ethylbenzene	ug/L	50	46.7	93	60-140	
Hexachloro-1,3-butadiene	ug/L	50	53.1	106	60-140	
Isopropylbenzene (Cumene)	ug/L	50	49.1	98	60-140	
m&p-Xylene	ug/L	100	93.6	94	60-140	
Methyl-tert-butyl ether	ug/L	50	48.2	96	60-140	
Methylene Chloride	ug/L	50	47.7	95	60-140	
n-Butylbenzene	ug/L	50	49.2	98	60-140	
n-Propylbenzene	ug/L	50	45.4	91	60-140	
Naphthalene	ug/L	50	52.1	104	60-140	
o-Xylene	ug/L	50	46.9	94	60-140	
sec-Butylbenzene	ug/L	50	46.3	93	60-140	
Styrene	ug/L	50	48.6	97	60-140	
tert-Butylbenzene	ug/L	50	39.7	79	60-140	
Tetrachloroethene	ug/L	50	46.6	93	60-140	
Toluene	ug/L	50	45.9	92	60-140	
trans-1,2-Dichloroethene	ug/L	50	47.3	95	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.1	96	60-140	
Trichloroethene	ug/L	50	46.2	92	60-140	
Trichlorofluoromethane	ug/L	50	42.5	85	60-140	
Vinyl chloride	ug/L	50	48.4	97	60-140	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3259632 3259633											
Parameter	Units	92537784021 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	20.8	21.3	104	106	60-140	2	30
1,1,1-Trichloroethane	ug/L	ND	20	20	21.9	23.7	109	118	60-140	8	30
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	21.0	20.6	105	103	60-140	2	30
1,1,2-Trichloroethane	ug/L	ND	20	20	21.1	21.2	105	106	60-140	1	30
1,1-Dichloroethane	ug/L	ND	20	20	21.0	23.8	105	119	60-140	12	30
1,1-Dichloroethene	ug/L	ND	20	20	23.4	23.5	117	118	60-140	1	30
1,1-Dichloropropene	ug/L	ND	20	20	21.0	23.6	105	118	60-140	11	30
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20.3	21.3	102	107	60-140	5	30
1,2,3-Trichloropropane	ug/L	ND	20	20	20.6	20.0	103	100	60-140	3	30
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20.7	21.4	104	107	60-140	3	30
1,2,4-Trimethylbenzene	ug/L	ND	20	20	21.1	21.9	106	110	60-140	4	30
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20.7	20.0	103	100	60-140	4	30
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.4	21.3	102	106	60-140	4	30
1,2-Dichlorobenzene	ug/L	ND	20	20	20.2	20.5	101	102	60-140	1	30
1,2-Dichloroethane	ug/L	ND	20	20	18.8	19.3	94	96	60-140	3	30
1,2-Dichloropropane	ug/L	ND	20	20	20.8	21.4	104	107	60-140	3	30
1,3,5-Trimethylbenzene	ug/L	ND	20	20	22.2	21.9	111	110	60-140	1	30
1,3-Dichlorobenzene	ug/L	ND	20	20	20.3	20.8	101	104	60-140	3	30
1,3-Dichloropropane	ug/L	ND	20	20	20.3	21.3	101	106	60-140	5	30
1,4-Dichlorobenzene	ug/L	ND	20	20	20.6	20.9	103	105	60-140	2	30
2,2-Dichloropropane	ug/L	ND	20	20	20.9	22.8	105	114	60-140	9	30
2-Chlorotoluene	ug/L	ND	20	20	21.8	21.4	109	107	60-140	2	30
4-Chlorotoluene	ug/L	ND	20	20	20.2	20.7	101	104	60-140	3	30
Benzene	ug/L	ND	20	20	21.3	21.5	107	108	60-140	1	30
Bromobenzene	ug/L	ND	20	20	21.5	21.2	108	106	60-140	2	30
Bromochloromethane	ug/L	ND	20	20	20.5	22.5	103	112	60-140	9	30
Bromodichloromethane	ug/L	ND	20	20	20.8	21.4	104	107	60-140	3	30
Bromoform	ug/L	ND	20	20	19.3	19.7	97	99	60-140	2	30
Bromomethane	ug/L	ND	20	20	19.9	23.1	100	115	60-140	15	30
Carbon tetrachloride	ug/L	ND	20	20	21.3	23.4	107	117	60-140	9	30
Chlorobenzene	ug/L	ND	20	20	21.2	21.6	106	108	60-140	2	30
Chloroethane	ug/L	ND	20	20	21.7	23.0	109	115	60-140	6	30
Chloroform	ug/L	ND	20	20	20.7	23.8	104	119	60-140	14	30
Chloromethane	ug/L	ND	20	20	20.0	20.4	100	102	60-140	2	30
cis-1,2-Dichloroethene	ug/L	ND	20	20	21.1	23.4	105	117	60-140	10	30
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.8	21.2	104	106	60-140	2	30
Dibromochloromethane	ug/L	ND	20	20	20.6	21.6	103	108	60-140	5	30
Dibromomethane	ug/L	ND	20	20	20.8	21.4	104	107	60-140	3	30
Dichlorodifluoromethane	ug/L	ND	20	20	19.4	19.2	97	96	60-140	1	30
Diisopropyl ether	ug/L	ND	20	20	20.2	22.9	101	114	60-140	13	30
Ethylbenzene	ug/L	ND	20	20	21.7	22.1	108	110	60-140	2	30
Hexachloro-1,3-butadiene	ug/L	ND	20	20	23.1	22.2	116	111	60-140	4	30
Isopropylbenzene (Cumene)	ug/L	ND	20	20	23.0	22.8	115	114	60-140	1	30
m&p-Xylene	ug/L	ND	40	40	43.5	44.2	109	111	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3259632 3259633												
		92537784021	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	20.7	22.7	103	113	60-140	9	30	
Methylene Chloride	ug/L	ND	20	20	20.8	23.1	104	115	60-140	10	30	
n-Butylbenzene	ug/L	ND	20	20	21.7	21.3	109	106	60-140	2	30	
n-Propylbenzene	ug/L	ND	20	20	22.3	21.3	112	106	60-140	5	30	
Naphthalene	ug/L	ND	20	20	19.4	20.5	97	103	60-140	6	30	
o-Xylene	ug/L	ND	20	20	21.7	21.8	108	109	60-140	1	30	
sec-Butylbenzene	ug/L	ND	20	20	21.5	21.1	107	106	60-140	2	30	
Styrene	ug/L	ND	20	20	21.7	21.8	108	109	60-140	1	30	
tert-Butylbenzene	ug/L	ND	20	20	18.5	18.7	93	94	60-140	1	30	
Tetrachloroethene	ug/L	ND	20	20	20.9	22.1	104	111	60-140	6	30	
Toluene	ug/L	ND	20	20	21.2	21.6	106	108	60-140	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	21.5	23.8	108	119	60-140	10	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.5	20.9	103	104	60-140	2	30	
Trichloroethene	ug/L	ND	20	20	21.5	21.9	108	109	60-140	2	30	
Trichlorofluoromethane	ug/L	ND	20	20	21.5	22.3	107	111	60-140	4	30	
Vinyl chloride	ug/L	ND	20	20	21.6	22.2	108	111	60-140	3	30	
1,2-Dichloroethane-d4 (S)	%						103	102	70-130			
4-Bromofluorobenzene (S)	%						104	101	70-130			
Toluene-d8 (S)	%						102	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/7/21)
Pace Project No.: 92537784

QC Batch:	619615	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92537784018

METHOD BLANK: 3259643 Matrix: Water

Associated Lab Samples: 92537784018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/12/21 00:04	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/12/21 00:04	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/12/21 00:04	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/12/21 00:04	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/12/21 00:04	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/12/21 00:04	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/12/21 00:04	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/12/21 00:04	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/12/21 00:04	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/12/21 00:04	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/12/21 00:04	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/12/21 00:04	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/12/21 00:04	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/12/21 00:04	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/12/21 00:04	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/12/21 00:04	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/12/21 00:04	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/12/21 00:04	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/12/21 00:04	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/12/21 00:04	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/12/21 00:04	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/12/21 00:04	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/12/21 00:04	
Benzene	ug/L	ND	0.50	0.34	05/12/21 00:04	
Bromobenzene	ug/L	ND	0.50	0.29	05/12/21 00:04	
Bromochloromethane	ug/L	ND	0.50	0.47	05/12/21 00:04	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/12/21 00:04	
Bromoform	ug/L	ND	0.50	0.34	05/12/21 00:04	
Bromomethane	ug/L	ND	5.0	1.7	05/12/21 00:04	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/12/21 00:04	
Chlorobenzene	ug/L	ND	0.50	0.28	05/12/21 00:04	
Chloroethane	ug/L	ND	1.0	0.65	05/12/21 00:04	
Chloroform	ug/L	ND	0.50	0.35	05/12/21 00:04	
Chloromethane	ug/L	ND	1.0	0.54	05/12/21 00:04	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/12/21 00:04	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/12/21 00:04	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/12/21 00:04	
Dibromomethane	ug/L	ND	0.50	0.39	05/12/21 00:04	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/12/21 00:04	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/12/21 00:04	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

METHOD BLANK: 3259643

Matrix: Water

Associated Lab Samples: 92537784018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/12/21 00:04	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/12/21 00:04	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/12/21 00:04	
m&p-Xylene	ug/L	ND	1.0	0.71	05/12/21 00:04	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/12/21 00:04	
Methylene Chloride	ug/L	ND	2.0	2.0	05/12/21 00:04	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/12/21 00:04	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/12/21 00:04	
Naphthalene	ug/L	ND	2.0	0.64	05/12/21 00:04	
o-Xylene	ug/L	ND	0.50	0.34	05/12/21 00:04	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/12/21 00:04	
Styrene	ug/L	ND	0.50	0.29	05/12/21 00:04	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/12/21 00:04	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/12/21 00:04	
Toluene	ug/L	ND	0.50	0.48	05/12/21 00:04	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/12/21 00:04	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/12/21 00:04	
Trichloroethene	ug/L	ND	0.50	0.38	05/12/21 00:04	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/12/21 00:04	
Vinyl chloride	ug/L	ND	1.0	0.39	05/12/21 00:04	
1,2-Dichloroethane-d4 (S)	%	102	70-130		05/12/21 00:04	
4-Bromofluorobenzene (S)	%	99	70-130		05/12/21 00:04	
Toluene-d8 (S)	%	93	70-130		05/12/21 00:04	

LABORATORY CONTROL SAMPLE: 3259644

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	46.9	94	60-140	
1,1,1-Trichloroethane	ug/L	50	48.2	96	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	46.3	93	60-140	
1,1,2-Trichloroethane	ug/L	50	48.2	96	60-140	
1,1-Dichloroethane	ug/L	50	48.2	96	60-140	
1,1-Dichloroethene	ug/L	50	47.7	95	60-140	
1,1-Dichloropropene	ug/L	50	47.4	95	60-140	
1,2,3-Trichlorobenzene	ug/L	50	48.8	98	60-140	
1,2,3-Trichloropropane	ug/L	50	44.5	89	60-140	
1,2,4-Trichlorobenzene	ug/L	50	49.2	98	60-140	
1,2,4-Trimethylbenzene	ug/L	50	47.5	95	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	48.4	97	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	48.6	97	60-140	
1,2-Dichlorobenzene	ug/L	50	46.7	93	60-140	
1,2-Dichloroethane	ug/L	50	43.2	86	60-140	
1,2-Dichloropropane	ug/L	50	46.7	93	60-140	
1,3,5-Trimethylbenzene	ug/L	50	47.2	94	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

LABORATORY CONTROL SAMPLE: 3259644

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	47.4	95	60-140	
1,3-Dichloropropane	ug/L	50	47.1	94	60-140	
1,4-Dichlorobenzene	ug/L	50	47.2	94	60-140	
2,2-Dichloropropane	ug/L	50	49.7	99	60-140	
2-Chlorotoluene	ug/L	50	46.6	93	60-140	
4-Chlorotoluene	ug/L	50	46.6	93	60-140	
Benzene	ug/L	50	51.2	102	60-140	
Bromobenzene	ug/L	50	46.8	94	60-140	
Bromochloromethane	ug/L	50	46.8	94	60-140	
Bromodichloromethane	ug/L	50	48.4	97	60-140	
Bromoform	ug/L	50	47.1	94	60-140	
Bromomethane	ug/L	50	47.7	95	60-140	
Carbon tetrachloride	ug/L	50	50.2	100	60-140	
Chlorobenzene	ug/L	50	46.9	94	60-140	
Chloroethane	ug/L	50	44.1	88	60-140	
Chloroform	ug/L	50	46.5	93	60-140	
Chloromethane	ug/L	50	46.2	92	60-140	
cis-1,2-Dichloroethene	ug/L	50	48.0	96	60-140	
cis-1,3-Dichloropropene	ug/L	50	48.5	97	60-140	
Dibromochloromethane	ug/L	50	48.8	98	60-140	
Dibromomethane	ug/L	50	48.7	97	60-140	
Dichlorodifluoromethane	ug/L	50	45.5	91	60-140	
Diisopropyl ether	ug/L	50	48.2	96	60-140	
Ethylbenzene	ug/L	50	47.0	94	60-140	
Hexachloro-1,3-butadiene	ug/L	50	46.1	92	60-140	
Isopropylbenzene (Cumene)	ug/L	50	49.1	98	60-140	
m&p-Xylene	ug/L	100	95.4	95	60-140	
Methyl-tert-butyl ether	ug/L	50	48.1	96	60-140	
Methylene Chloride	ug/L	50	49.7	99	60-140	
n-Butylbenzene	ug/L	50	46.5	93	60-140	
n-Propylbenzene	ug/L	50	45.4	91	60-140	
Naphthalene	ug/L	50	49.5	99	60-140	
o-Xylene	ug/L	50	47.2	94	60-140	
sec-Butylbenzene	ug/L	50	44.5	89	60-140	
Styrene	ug/L	50	49.5	99	60-140	
tert-Butylbenzene	ug/L	50	39.2	78	60-140	
Tetrachloroethene	ug/L	50	47.1	94	60-140	
Toluene	ug/L	50	47.6	95	60-140	
trans-1,2-Dichloroethene	ug/L	50	48.4	97	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.8	98	60-140	
Trichloroethene	ug/L	50	47.4	95	60-140	
Trichlorofluoromethane	ug/L	50	41.7	83	60-140	
Vinyl chloride	ug/L	50	47.5	95	60-140	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Toluene-d8 (S)	%			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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3260904 3260905											
Parameter	Units	92537328007 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	1000	1000	1100	1040	110	104	60-140	6	30
1,1,1-Trichloroethane	ug/L	ND	1000	1000	1090	1090	109	109	60-140	0	30
1,1,2,2-Tetrachloroethane	ug/L	ND	1000	1000	1050	951	105	95	60-140	10	30
1,1,2-Trichloroethane	ug/L	ND	1000	1000	1040	1050	104	105	60-140	2	30
1,1-Dichloroethane	ug/L	ND	1000	1000	1060	1050	106	105	60-140	1	30
1,1-Dichloroethene	ug/L	ND	1000	1000	1210	1090	121	109	60-140	10	30
1,1-Dichloropropene	ug/L	ND	1000	1000	1090	1080	109	108	60-140	0	30
1,2,3-Trichlorobenzene	ug/L	ND	1000	1000	1370	1160	137	116	60-140	16	30
1,2,3-Trichloropropane	ug/L	ND	1000	1000	1170	989	117	99	60-140	17	30
1,2,4-Trichlorobenzene	ug/L	ND	1000	1000	1290	1140	129	114	60-140	13	30
1,2,4-Trimethylbenzene	ug/L	3160	1000	1000	12700	11300	954	811	60-140	12	30 E,M1
1,2-Dibromo-3-chloropropane	ug/L	ND	1000	1000	1150	1050	115	105	60-140	9	30
1,2-Dibromoethane (EDB)	ug/L	ND	1000	1000	1100	1030	110	103	60-140	7	30
1,2-Dichlorobenzene	ug/L	ND	1000	1000	1100	1020	110	102	60-140	8	30
1,2-Dichloroethane	ug/L	ND	1000	1000	981	935	98	93	60-140	5	30
1,2-Dichloropropane	ug/L	ND	1000	1000	1080	1070	108	107	60-140	1	30
1,3,5-Trimethylbenzene	ug/L	ND	1000	1000	4600	4160	460	416	60-140	10	30 M1
1,3-Dichlorobenzene	ug/L	ND	1000	1000	1100	1040	110	104	60-140	6	30
1,3-Dichloropropane	ug/L	ND	1000	1000	1050	1030	105	103	60-140	2	30
1,4-Dichlorobenzene	ug/L	ND	1000	1000	1110	1040	111	104	60-140	6	30
2,2-Dichloropropane	ug/L	ND	1000	1000	1250	1200	125	120	60-140	5	30
2-Chlorotoluene	ug/L	ND	1000	1000	1380	1380	138	138	60-140	0	30
4-Chlorotoluene	ug/L	ND	1000	1000	1000	960	100	96	60-140	4	30
Benzene	ug/L	2610	1000	1000	3540	3680	93	107	60-140	4	30
Bromobenzene	ug/L	ND	1000	1000	1080	1070	108	107	60-140	1	30
Bromochloromethane	ug/L	ND	1000	1000	1040	1010	104	101	60-140	3	30
Bromodichloromethane	ug/L	ND	1000	1000	1110	1070	111	107	60-140	4	30
Bromoform	ug/L	ND	1000	1000	1120	1020	112	102	60-140	10	30
Bromomethane	ug/L	ND	1000	1000	1240	1170	124	117	60-140	6	30
Carbon tetrachloride	ug/L	ND	1000	1000	1170	1100	117	110	60-140	6	30
Chlorobenzene	ug/L	ND	1000	1000	1080	1040	108	104	60-140	5	30
Chloroethane	ug/L	ND	1000	1000	1170	1060	117	106	60-140	9	30
Chloroform	ug/L	ND	1000	1000	1060	1080	106	108	60-140	1	30
Chloromethane	ug/L	ND	1000	1000	1360	1120	136	112	60-140	19	30
cis-1,2-Dichloroethene	ug/L	ND	1000	1000	1060	1060	106	106	60-140	1	30
cis-1,3-Dichloropropene	ug/L	ND	1000	1000	1110	1070	111	107	60-140	4	30
Dibromochloromethane	ug/L	ND	1000	1000	1140	1070	114	107	60-140	7	30
Dibromomethane	ug/L	ND	1000	1000	1100	994	110	99	60-140	10	30
Dichlorodifluoromethane	ug/L	ND	1000	1000	1050	989	105	99	60-140	6	30
Diisopropyl ether	ug/L	ND	1000	1000	1030	1040	103	104	60-140	1	30
Ethylbenzene	ug/L	2820	1000	1000	7060	6820	425	400	60-140	4	30 M1
Hexachloro-1,3-butadiene	ug/L	ND	1000	1000	1300	1150	130	115	60-140	12	30
Isopropylbenzene (Cumene)	ug/L	136	1000	1000	1690	1520	155	139	60-140	10	30 M1
m&p-Xylene	ug/L	8950	2000	2000	21200	19800	614	540	60-140	7	30 E,M1

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3260904 3260905											
Parameter	Units	92537328007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	178	1000	1000	1230	1190	106	102	60-140	3	30
Methylene Chloride	ug/L	ND	1000	1000	1070	1070	107	107	60-140	0	30
n-Butylbenzene	ug/L	ND	1000	1000	2010	1680	201	168	60-140	18	30 M1
n-Propylbenzene	ug/L	ND	1000	1000	2940	2740	294	274	60-140	7	30 M1
Naphthalene	ug/L	663	1000	1000	3220	2950	256	229	60-140	9	30 M1
o-Xylene	ug/L	3800	1000	1000	9120	8610	532	481	60-140	6	30 M1
sec-Butylbenzene	ug/L	ND	1000	1000	1150	1050	115	105	60-140	9	30
Styrene	ug/L	ND	1000	1000	1190	1120	117	110	60-140	6	30
tert-Butylbenzene	ug/L	ND	1000	1000	949	928	95	93	60-140	2	30
Tetrachloroethene	ug/L	ND	1000	1000	1160	1060	116	106	60-140	8	30
Toluene	ug/L	7500	1000	1000	11600	11700	414	420	60-140	1	30 E,M1
trans-1,2-Dichloroethene	ug/L	ND	1000	1000	1100	1100	110	110	60-140	0	30
trans-1,3-Dichloropropene	ug/L	ND	1000	1000	1130	1060	113	106	60-140	6	30
Trichloroethene	ug/L	ND	1000	1000	1120	1060	112	106	60-140	5	30
Trichlorofluoromethane	ug/L	ND	1000	1000	1150	1050	115	105	60-140	9	30
Vinyl chloride	ug/L	ND	1000	1000	1140	1020	114	102	60-140	11	30
1,2-Dichloroethane-d4 (S)	%						102	102	70-130		
4-Bromofluorobenzene (S)	%						102	100	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

QC Batch: 619854

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92537784022, 92537784023

METHOD BLANK: 3261079

Matrix: Water

Associated Lab Samples: 92537784022, 92537784023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/12/21 11:18	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/12/21 11:18	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/12/21 11:18	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/12/21 11:18	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/12/21 11:18	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/12/21 11:18	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/12/21 11:18	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/12/21 11:18	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/12/21 11:18	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/12/21 11:18	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/12/21 11:18	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/12/21 11:18	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/12/21 11:18	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/12/21 11:18	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/12/21 11:18	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/12/21 11:18	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/12/21 11:18	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/12/21 11:18	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/12/21 11:18	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/12/21 11:18	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/12/21 11:18	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/12/21 11:18	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/12/21 11:18	
Benzene	ug/L	ND	0.50	0.34	05/12/21 11:18	
Bromobenzene	ug/L	ND	0.50	0.29	05/12/21 11:18	
Bromochloromethane	ug/L	ND	0.50	0.47	05/12/21 11:18	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/12/21 11:18	
Bromoform	ug/L	ND	0.50	0.34	05/12/21 11:18	
Bromomethane	ug/L	ND	5.0	1.7	05/12/21 11:18	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/12/21 11:18	
Chlorobenzene	ug/L	ND	0.50	0.28	05/12/21 11:18	
Chloroethane	ug/L	ND	1.0	0.65	05/12/21 11:18	
Chloroform	ug/L	ND	0.50	0.35	05/12/21 11:18	
Chloromethane	ug/L	ND	1.0	0.54	05/12/21 11:18	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/12/21 11:18	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/12/21 11:18	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/12/21 11:18	
Dibromomethane	ug/L	ND	0.50	0.39	05/12/21 11:18	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/12/21 11:18	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/12/21 11:18	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

METHOD BLANK: 3261079

Matrix: Water

Associated Lab Samples: 92537784022, 92537784023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/12/21 11:18	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/12/21 11:18	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/12/21 11:18	
m&p-Xylene	ug/L	ND	1.0	0.71	05/12/21 11:18	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/12/21 11:18	
Methylene Chloride	ug/L	ND	2.0	2.0	05/12/21 11:18	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/12/21 11:18	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/12/21 11:18	
Naphthalene	ug/L	0.83J	2.0	0.64	05/12/21 11:18	
o-Xylene	ug/L	ND	0.50	0.34	05/12/21 11:18	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/12/21 11:18	
Styrene	ug/L	ND	0.50	0.29	05/12/21 11:18	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/12/21 11:18	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/12/21 11:18	
Toluene	ug/L	ND	0.50	0.48	05/12/21 11:18	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/12/21 11:18	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/12/21 11:18	
Trichloroethene	ug/L	ND	0.50	0.38	05/12/21 11:18	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/12/21 11:18	
Vinyl chloride	ug/L	ND	1.0	0.39	05/12/21 11:18	
1,2-Dichloroethane-d4 (S)	%	101	70-130		05/12/21 11:18	
4-Bromofluorobenzene (S)	%	99	70-130		05/12/21 11:18	
Toluene-d8 (S)	%	101	70-130		05/12/21 11:18	

LABORATORY CONTROL SAMPLE: 3261080

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.5	101	60-140	
1,1,1-Trichloroethane	ug/L	50	50.2	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	51.1	102	60-140	
1,1,2-Trichloroethane	ug/L	50	50.1	100	60-140	
1,1-Dichloroethane	ug/L	50	48.3	97	60-140	
1,1-Dichloroethene	ug/L	50	53.4	107	60-140	
1,1-Dichloropropene	ug/L	50	47.6	95	60-140	
1,2,3-Trichlorobenzene	ug/L	50	50.4	101	60-140	
1,2,3-Trichloropropane	ug/L	50	49.8	100	60-140	
1,2,4-Trichlorobenzene	ug/L	50	50.5	101	60-140	
1,2,4-Trimethylbenzene	ug/L	50	49.9	100	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	49.7	99	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.0	100	60-140	
1,2-Dichlorobenzene	ug/L	50	49.1	98	60-140	
1,2-Dichloroethane	ug/L	50	44.6	89	60-140	
1,2-Dichloropropane	ug/L	50	48.3	97	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.1	98	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

LABORATORY CONTROL SAMPLE: 3261080

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.2	98	60-140	
1,3-Dichloropropane	ug/L	50	48.4	97	60-140	
1,4-Dichlorobenzene	ug/L	50	49.4	99	60-140	
2,2-Dichloropropane	ug/L	50	53.1	106	60-140	
2-Chlorotoluene	ug/L	50	49.4	99	60-140	
4-Chlorotoluene	ug/L	50	47.5	95	60-140	
Benzene	ug/L	50	48.6	97	60-140	
Bromobenzene	ug/L	50	48.6	97	60-140	
Bromochloromethane	ug/L	50	49.1	98	60-140	
Bromodichloromethane	ug/L	50	51.7	103	60-140	
Bromoform	ug/L	50	51.4	103	60-140	
Bromomethane	ug/L	50	52.6	105	60-140	
Carbon tetrachloride	ug/L	50	51.8	104	60-140	
Chlorobenzene	ug/L	50	49.3	99	60-140	
Chloroethane	ug/L	50	49.0	98	60-140	
Chloroform	ug/L	50	49.0	98	60-140	
Chloromethane	ug/L	50	54.0	108	60-140	
cis-1,2-Dichloroethene	ug/L	50	48.2	96	60-140	
cis-1,3-Dichloropropene	ug/L	50	50.9	102	60-140	
Dibromochloromethane	ug/L	50	53.2	106	60-140	
Dibromomethane	ug/L	50	51.3	103	60-140	
Dichlorodifluoromethane	ug/L	50	53.6	107	60-140	
Diisopropyl ether	ug/L	50	45.9	92	60-140	
Ethylbenzene	ug/L	50	49.1	98	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.0	96	60-140	
Isopropylbenzene (Cumene)	ug/L	50	54.9	110	60-140	
m&p-Xylene	ug/L	100	99.7	100	60-140	
Methyl-tert-butyl ether	ug/L	50	50.8	102	60-140	
Methylene Chloride	ug/L	50	54.7	109	60-140	
n-Butylbenzene	ug/L	50	50.1	100	60-140	
n-Propylbenzene	ug/L	50	47.5	95	60-140	
Naphthalene	ug/L	50	50.5	101	60-140	
o-Xylene	ug/L	50	50.0	100	60-140	
sec-Butylbenzene	ug/L	50	47.6	95	60-140	
Styrene	ug/L	50	51.5	103	60-140	
tert-Butylbenzene	ug/L	50	41.2	82	60-140	
Tetrachloroethene	ug/L	50	50.9	102	60-140	
Toluene	ug/L	50	48.2	96	60-140	
trans-1,2-Dichloroethene	ug/L	50	54.3	109	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.0	104	60-140	
Trichloroethene	ug/L	50	50.0	100	60-140	
Trichlorofluoromethane	ug/L	50	46.3	93	60-140	
Vinyl chloride	ug/L	50	53.9	108	60-140	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			109	70-130	
Toluene-d8 (S)	%			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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3261081 3261082											
Parameter	Units	92537784022 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	200	200	229	185	114	92	60-140	21	30
1,1,1-Trichloroethane	ug/L	ND	200	200	238	191	119	95	60-140	22	30
1,1,2,2-Tetrachloroethane	ug/L	ND	200	200	213	183	107	91	60-140	15	30
1,1,2-Trichloroethane	ug/L	ND	200	200	231	192	115	96	60-140	18	30
1,1-Dichloroethane	ug/L	ND	200	200	226	190	113	95	60-140	17	30
1,1-Dichloroethene	ug/L	ND	200	200	265	213	133	107	60-140	22	30
1,1-Dichloropropene	ug/L	ND	200	200	226	188	113	94	60-140	19	30
1,2,3-Trichlorobenzene	ug/L	ND	200	200	216	188	108	94	60-140	14	30
1,2,3-Trichloropropane	ug/L	ND	200	200	217	184	108	92	60-140	16	30
1,2,4-Trichlorobenzene	ug/L	ND	200	200	231	187	115	94	60-140	21	30
1,2,4-Trimethylbenzene	ug/L	45.0	200	200	278	239	117	97	60-140	15	30
1,2-Dibromo-3-chloropropane	ug/L	ND	200	200	230	189	115	95	60-140	20	30
1,2-Dibromoethane (EDB)	ug/L	ND	200	200	230	190	115	95	60-140	19	30
1,2-Dichlorobenzene	ug/L	ND	200	200	231	182	116	91	60-140	24	30
1,2-Dichloroethane	ug/L	ND	200	200	205	167	102	84	60-140	20	30
1,2-Dichloropropane	ug/L	ND	200	200	228	192	114	96	60-140	17	30
1,3,5-Trimethylbenzene	ug/L	ND	200	200	251	210	125	105	60-140	18	30
1,3-Dichlorobenzene	ug/L	ND	200	200	222	182	111	91	60-140	20	30
1,3-Dichloropropane	ug/L	ND	200	200	224	173	112	86	60-140	26	30
1,4-Dichlorobenzene	ug/L	ND	200	200	224	186	112	93	60-140	18	30
2,2-Dichloropropane	ug/L	ND	200	200	209	176	105	88	60-140	17	30
2-Chlorotoluene	ug/L	ND	200	200	234	189	117	94	60-140	21	30
4-Chlorotoluene	ug/L	ND	200	200	220	183	110	91	60-140	18	30
Benzene	ug/L	785	200	200	1000	998	108	106	60-140	0	30
Bromobenzene	ug/L	ND	200	200	230	188	115	94	60-140	20	30
Bromochloromethane	ug/L	ND	200	200	221	188	110	94	60-140	16	30
Bromodichloromethane	ug/L	ND	200	200	231	197	116	98	60-140	16	30
Bromoform	ug/L	ND	200	200	220	175	110	88	60-140	23	30
Bromomethane	ug/L	ND	200	200	241	222	120	111	60-140	8	30
Carbon tetrachloride	ug/L	ND	200	200	239	203	119	101	60-140	16	30
Chlorobenzene	ug/L	ND	200	200	228	190	114	95	60-140	18	30
Chloroethane	ug/L	ND	200	200	252	212	126	106	60-140	17	30
Chloroform	ug/L	ND	200	200	226	188	113	94	60-140	18	30
Chloromethane	ug/L	ND	200	200	239	209	120	104	60-140	14	30
cis-1,2-Dichloroethene	ug/L	ND	200	200	227	187	113	94	60-140	19	30
cis-1,3-Dichloropropene	ug/L	ND	200	200	222	190	111	95	60-140	16	30
Dibromochloromethane	ug/L	ND	200	200	236	180	118	90	60-140	27	30
Dibromomethane	ug/L	ND	200	200	229	199	114	100	60-140	14	30
Dichlorodifluoromethane	ug/L	ND	200	200	226	188	113	94	60-140	18	30
Diisopropyl ether	ug/L	96.6	200	200	356	275	130	89	60-140	26	30
Ethylbenzene	ug/L	34.0	200	200	263	226	115	96	60-140	15	30
Hexachloro-1,3-butadiene	ug/L	ND	200	200	240	189	120	94	60-140	24	30
Isopropylbenzene (Cumene)	ug/L	ND	200	200	239	197	120	98	60-140	19	30
m&p-Xylene	ug/L	381	400	400	874	760	123	95	60-140	14	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3261081 3261082													
Parameter	Units	92537784022	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
Methyl-tert-butyl ether	ug/L	8.9	200	200	252	196	122	93	60-140	25	30		
Methylene Chloride	ug/L	ND	200	200	263	191	132	96	60-140	32	30	R1	
n-Butylbenzene	ug/L	ND	200	200	242	190	121	95	60-140	24	30		
n-Propylbenzene	ug/L	ND	200	200	224	188	112	94	60-140	17	30		
Naphthalene	ug/L	7.4J	200	200	213	187	103	90	60-140	13	30		
o-Xylene	ug/L	216	200	200	446	409	115	97	60-140	9	30		
sec-Butylbenzene	ug/L	ND	200	200	225	192	112	96	60-140	16	30		
Styrene	ug/L	ND	200	200	230	191	115	96	60-140	19	30		
tert-Butylbenzene	ug/L	ND	200	200	201	165	100	83	60-140	19	30		
Tetrachloroethene	ug/L	ND	200	200	237	178	118	89	60-140	28	30		
Toluene	ug/L	1170	200	200	1370	1390	100	109	60-140	1	30		
trans-1,2-Dichloroethene	ug/L	ND	200	200	258	195	129	98	60-140	28	30		
trans-1,3-Dichloropropene	ug/L	ND	200	200	222	186	111	93	60-140	17	30		
Trichloroethene	ug/L	ND	200	200	237	199	119	100	60-140	17	30		
Trichlorofluoromethane	ug/L	ND	200	200	247	208	123	104	60-140	17	30		
Vinyl chloride	ug/L	ND	200	200	250	209	125	105	60-140	18	30		
1,2-Dichloroethane-d4 (S)	%						100	101	70-130				
4-Bromofluorobenzene (S)	%						100	100	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

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.

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.

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92537784001	MW-69	MADEP VPH	619469		
92537784002	MW-30	MADEP VPH	619469		
92537784003	MW-12	MADEP VPH	619469		
92537784004	DUP-1-20210507	MADEP VPH	619469		
92537784005	MW-52	MADEP VPH	619469		
92537784006	MW-61D	MADEP VPH	619469		
92537784007	MW-71	MADEP VPH	619469		
92537784008	MW-59	MADEP VPH	619469		
92537784009	MW-25D	MADEP VPH	619469		
92537784010	MW-43	MADEP VPH	619469		
92537784011	MW-58	MADEP VPH	619469		
92537784012	MW-59D	MADEP VPH	619469		
92537784013	MW-57D	MADEP VPH	619469		
92537784014	MW-02	MADEP VPH	619469		
92537784015	MW-04	MADEP VPH	619469		
92537784016	MW-15	MADEP VPH	619469		
92537784017	MW-07D	MADEP VPH	619708		
92537784018	FB-1-20210507	MADEP VPH	619708		
92537784021	MW-09	MADEP VPH	619708		
92537784022	MW-29	MADEP VPH	619972		
92537784023	MW-41	MADEP VPH	619708		
92537784001	MW-69	EPA 3010A	619958	EPA 6010D	620070
92537784002	MW-30	EPA 3010A	619958	EPA 6010D	620070
92537784003	MW-12	EPA 3010A	619958	EPA 6010D	620070
92537784004	DUP-1-20210507	EPA 3010A	619958	EPA 6010D	620070
92537784005	MW-52	EPA 3010A	619958	EPA 6010D	620070
92537784006	MW-61D	EPA 3010A	619958	EPA 6010D	620070
92537784007	MW-71	EPA 3010A	619958	EPA 6010D	620070
92537784008	MW-59	EPA 3010A	619958	EPA 6010D	620070
92537784009	MW-25D	EPA 3010A	619958	EPA 6010D	620070
92537784010	MW-43	EPA 3010A	619958	EPA 6010D	620070
92537784011	MW-58	EPA 3010A	619958	EPA 6010D	620070
92537784012	MW-59D	EPA 3010A	619958	EPA 6010D	620070
92537784013	MW-57D	EPA 3010A	619958	EPA 6010D	620070
92537784014	MW-02	EPA 3010A	619958	EPA 6010D	620070
92537784015	MW-04	EPA 3010A	619958	EPA 6010D	620070
92537784016	MW-15	EPA 3010A	619958	EPA 6010D	620070
92537784017	MW-07D	EPA 3010A	619958	EPA 6010D	620070
92537784021	MW-09	EPA 3010A	619959	EPA 6010D	620071
92537784022	MW-29	EPA 3010A	619959	EPA 6010D	620071
92537784023	MW-41	EPA 3010A	619959	EPA 6010D	620071
92537784001	MW-69	SM 6200B	619401		
92537784002	MW-30	SM 6200B	619401		
92537784003	MW-12	SM 6200B	619401		
92537784004	DUP-1-20210507	SM 6200B	619401		
92537784005	MW-52	SM 6200B	619401		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville (5/7/21)

Pace Project No.: 92537784

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92537784006	MW-61D	SM 6200B	619401		
92537784007	MW-71	SM 6200B	619401		
92537784008	MW-59	SM 6200B	619401		
92537784009	MW-25D	SM 6200B	619401		
92537784010	MW-43	SM 6200B	619401		
92537784011	MW-58	SM 6200B	619401		
92537784012	MW-59D	SM 6200B	619401		
92537784013	MW-57D	SM 6200B	619401		
92537784014	MW-02	SM 6200B	619401		
92537784015	MW-04	SM 6200B	619401		
92537784016	MW-15	SM 6200B	619401		
92537784017	MW-07D	SM 6200B	619401		
92537784018	FB-1-20210507	SM 6200B	619615		
92537784019	Trip Blank	SM 6200B	619401		
92537784020	Trip Blank	SM 6200B	619610		
92537784021	MW-09	SM 6200B	619610		
92537784022	MW-29	SM 6200B	619854		
92537784023	MW-41	SM 6200B	619854		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

	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

Client Name:

Project #:

WO# : 92537784

Courier: ☐ FedEx ☐ UPS ☐ USPS ☒ Client
☐ Commercial ☒ Pace ☐ Other: _____



92537784

Custody Seal Present? ☐ Yes ☒ No Seals Intact? ☐ Yes ☒ No

Date/Initials Person Examining Contents: 5/10/21 HD

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen?

☐ Yes ☐ No ☒ N/A

Thermometer:

☒ IR Gun ID:

927064

Type of Ice:

☒ Wet

☐ Blue

☐ None

Cooler Temp:

4.8, 3.2

Correction Factor:

Add/Subtract (°C) 0.0°C

Temp should be above freezing to 6°C

☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C):

4.8, 3.2

USDA Regulated Soil (☒ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?

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

Received ³ 5/10/21 extra samples not listed on COC. MW-06 collected at 5/6/21 1605,
MW-09 collected 5/7/21 1140, MW-29 collected at 5/7/21 0915, and MW-41
collected 5/7/21 at 1250.

Lot ID of split containers: _____

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____

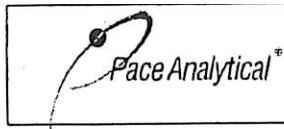
Date/Time: _____

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#: 92537784

PM: NMG

Due Date: 05/14/21

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)	
1																	6												
2																	6												
3																	6												
4																	6												
5																	6												
6																	6												
7																	6												
8																	6												
9																	6												
10																	6												
11																	6												
12																	6												

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.

Project #

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

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

2/2

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)-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																6												
2																6												
3																6												
4																6												
5																6												
6																2												
7																2												
8																6												
9																6												
10																6												
11																6												
12																6												

Extra samples 11/14/21

#11/14/21

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.

[illegible]Page 83 of 84

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A		Section B		Section C	
Required Client Information:		Required Project Information:		Invoice Information:	
Company:	AECOM	Report To:	Andrew Wreschnig	Attention:	
Address:	6000 Fairview Road	Copy To:		Company Name:	
	Suite 200, Charlotte, NC 28226			Address:	
Email:		Purchase Order #:		Pace Quote:	
Fax	(704)522-0330	Project Name:	CPC Huntersville	Pace Project Manager:	nicole.gasiorowski@pacelabs.com,
Requested Due Date:		Project #:	12518	Pace Profile #:	NC
				Regulatory Agency	
				State / Location	
				NC	
				Page : 1 Of 1	

[illegible]

May 06, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC Huntersville (5/3/21)
Pace Project No.: 92536428

Dear Andrew Wreschnig:

Enclosed are the analytical results for sample(s) received by the laboratory on May 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,



Nicole Gasiorowski
nicole.gasiorowski@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: 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 (5/3/21)

Pace Project No.: 92536428

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536428

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92536428001	MW-46	Water	05/03/21 09:30	05/03/21 15:30
92536428002	MW-50	Water	05/03/21 12:10	05/03/21 15:30
92536428003	FB-1-20210503	Water	05/03/21 14:00	05/03/21 15:30
92536428004	Trip Blank	Water	05/03/21 00:00	05/03/21 15:30

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536428

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92536428001	MW-46	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92536428002	MW-50	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92536428003	FB-1-20210503	MADEP VPH	LMB	7	PASI-C
		SM 6200B	SAS	63	PASI-C
92536428004	Trip Blank	SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536428

Sample: MW-46 Lab ID: 92536428001 Collected: 05/03/21 09:30 Received: 05/03/21 15:30 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		05/03/21 21:17		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/03/21 21:17		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/03/21 21:17		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/03/21 21:17		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/03/21 21:17		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		05/03/21 21:17	460-00-4	
4-Bromofluorobenzene (PID) (S)	95	%	70-130		1		05/03/21 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	05/04/21 16:23	05/05/21 13:21	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/04/21 16:47	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/04/21 16:47	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/04/21 16:47	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/04/21 16:47	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/04/21 16:47	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/04/21 16:47	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/04/21 16:47	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/04/21 16:47	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/04/21 16:47	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/04/21 16:47	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/04/21 16:47	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/04/21 16:47	75-00-3	
Chloroform	1.5	ug/L	0.50	0.35	1		05/04/21 16:47	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/04/21 16:47	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/04/21 16:47	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/04/21 16:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/04/21 16:47	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/04/21 16:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/04/21 16:47	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/04/21 16:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/04/21 16:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/04/21 16:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/04/21 16:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/04/21 16:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/04/21 16:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/04/21 16:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/04/21 16:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/04/21 16:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/04/21 16:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/04/21 16:47	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536428

Sample: MW-46		Lab ID: 92536428001		Collected: 05/03/21 09:30		Received: 05/03/21 15:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/04/21 16:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/04/21 16:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/04/21 16:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/04/21 16:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/04/21 16:47	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/04/21 16:47	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/04/21 16:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/04/21 16:47	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/04/21 16:47	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/04/21 16:47	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/04/21 16:47	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/04/21 16:47	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/04/21 16:47	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/04/21 16:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/04/21 16:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/04/21 16:47	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/04/21 16:47	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/04/21 16:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/04/21 16:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/04/21 16:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/04/21 16:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/04/21 16:47	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/04/21 16:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/04/21 16:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/04/21 16:47	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/04/21 16:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/04/21 16:47	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/04/21 16:47	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/04/21 16:47	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/04/21 16:47	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		05/04/21 16:47	17060-07-0	
4-Bromofluorobenzene (S)	90	%	70-130		1		05/04/21 16:47	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/04/21 16:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536428

Sample: MW-50		Lab ID: 92536428002		Collected: 05/03/21 12:10		Received: 05/03/21 15:30		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)	17500	ug/L	200	200	4		05/05/21 16:23		N2
Aliphatic (C05-C08)	13500	ug/L	200	200	4		05/05/21 16:23		N2
Aliphatic (C09-C12)	4060	ug/L	200	200	4		05/05/21 16:23		N2
Aliphatic(C09-C12) Adjusted	3570	ug/L	200	200	4		05/05/21 16:23		N2
Aromatic (C09-C10)	491	ug/L	200	200	4		05/05/21 16:23		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		4		05/05/21 16:23	460-00-4	
4-Bromofluorobenzene (PID) (S)	99	%	70-130		4		05/05/21 16:23	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	05/04/21 16:23	05/05/21 13:37	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	1250	ug/L	5.0	3.4	10		05/05/21 14:16	71-43-2	
Bromobenzene	ND	ug/L	5.0	2.9	10		05/05/21 14:16	108-86-1	
Bromochloromethane	ND	ug/L	5.0	4.7	10		05/05/21 14:16	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	3.1	10		05/05/21 14:16	75-27-4	
Bromoform	ND	ug/L	5.0	3.4	10		05/05/21 14:16	75-25-2	
Bromomethane	ND	ug/L	50.0	16.6	10		05/05/21 14:16	74-83-9	
n-Butylbenzene	ND	ug/L	5.0	4.9	10		05/05/21 14:16	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	4.0	10		05/05/21 14:16	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	3.2	10		05/05/21 14:16	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	3.3	10		05/05/21 14:16	56-23-5	
Chlorobenzene	ND	ug/L	5.0	2.8	10		05/05/21 14:16	108-90-7	
Chloroethane	ND	ug/L	10.0	6.5	10		05/05/21 14:16	75-00-3	
Chloroform	ND	ug/L	5.0	3.5	10		05/05/21 14:16	67-66-3	
Chloromethane	ND	ug/L	10.0	5.4	10		05/05/21 14:16	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	3.2	10		05/05/21 14:16	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	3.2	10		05/05/21 14:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	3.4	10		05/05/21 14:16	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	3.6	10		05/05/21 14:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	2.7	10		05/05/21 14:16	106-93-4	
Dibromomethane	ND	ug/L	5.0	3.9	10		05/05/21 14:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	3.4	10		05/05/21 14:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	3.4	10		05/05/21 14:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	3.3	10		05/05/21 14:16	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	3.5	10		05/05/21 14:16	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	3.7	10		05/05/21 14:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	3.2	10		05/05/21 14:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	3.5	10		05/05/21 14:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	3.8	10		05/05/21 14:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	4.0	10		05/05/21 14:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	3.6	10		05/05/21 14:16	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536428

Sample: MW-50		Lab ID: 92536428002		Collected: 05/03/21 12:10		Received: 05/03/21 15:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	5.0	2.8	10		05/05/21 14:16	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	3.9	10		05/05/21 14:16	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	4.3	10		05/05/21 14:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	3.6	10		05/05/21 14:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	3.6	10		05/05/21 14:16	10061-02-6	
Diisopropyl ether	137	ug/L	5.0	3.1	10		05/05/21 14:16	108-20-3	
Ethylbenzene	57.1	ug/L	5.0	3.0	10		05/05/21 14:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	20.0	15.3	10		05/05/21 14:16	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	3.3	10		05/05/21 14:16	98-82-8	
Methylene Chloride	44.2	ug/L	20.0	19.5	10		05/05/21 14:16	75-09-2	
Methyl-tert-butyl ether	38.1	ug/L	5.0	4.2	10		05/05/21 14:16	1634-04-4	
Naphthalene	32.0	ug/L	20.0	6.4	10		05/05/21 14:16	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	3.4	10		05/05/21 14:16	103-65-1	
Styrene	ND	ug/L	5.0	2.9	10		05/05/21 14:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	3.1	10		05/05/21 14:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.2	10		05/05/21 14:16	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.9	10		05/05/21 14:16	127-18-4	
Toluene	1310	ug/L	5.0	4.8	10		05/05/21 14:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	20.0	8.1	10		05/05/21 14:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	20.0	6.4	10		05/05/21 14:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	3.3	10		05/05/21 14:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	3.2	10		05/05/21 14:16	79-00-5	
Trichloroethene	ND	ug/L	5.0	3.8	10		05/05/21 14:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	3.0	10		05/05/21 14:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.6	10		05/05/21 14:16	96-18-4	
1,2,4-Trimethylbenzene	171	ug/L	5.0	5.0	10		05/05/21 14:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	3.3	10		05/05/21 14:16	108-67-8	
Vinyl chloride	ND	ug/L	10.0	3.9	10		05/05/21 14:16	75-01-4	
m&p-Xylene	1010	ug/L	10.0	7.1	10		05/05/21 14:16	179601-23-1	
o-Xylene	526	ug/L	5.0	3.4	10		05/05/21 14:16	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		10		05/05/21 14:16	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		10		05/05/21 14:16	460-00-4	
Toluene-d8 (S)	101	%	70-130		10		05/05/21 14:16	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536428

Sample: FB-1-20210503 Lab ID: 92536428003 Collected: 05/03/21 14:00 Received: 05/03/21 15:30 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		05/03/21 20:18		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/03/21 20:18		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/03/21 20:18		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/03/21 20:18		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/03/21 20:18		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1		05/03/21 20:18	460-00-4	
4-Bromofluorobenzene (PID) (S)	99	%	70-130		1		05/03/21 20:18	460-00-4	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/04/21 13:10	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/04/21 13:10	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/04/21 13:10	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/04/21 13:10	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/04/21 13:10	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/04/21 13:10	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/04/21 13:10	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/04/21 13:10	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/04/21 13:10	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/04/21 13:10	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/04/21 13:10	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/04/21 13:10	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/04/21 13:10	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/04/21 13:10	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/04/21 13:10	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/04/21 13:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/04/21 13:10	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/04/21 13:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/04/21 13:10	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/04/21 13:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/04/21 13:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/04/21 13:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/04/21 13:10	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/04/21 13:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/04/21 13:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/04/21 13:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/04/21 13:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/04/21 13:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/04/21 13:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/04/21 13:10	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/04/21 13:10	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/04/21 13:10	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/04/21 13:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/04/21 13:10	10061-01-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536428

Sample: FB-1-20210503		Lab ID: 92536428003		Collected: 05/03/21 14:00		Received: 05/03/21 15:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/04/21 13:10	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/04/21 13:10	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/04/21 13:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/04/21 13:10	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/04/21 13:10	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/04/21 13:10	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/04/21 13:10	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/04/21 13:10	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/04/21 13:10	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/04/21 13:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/04/21 13:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/04/21 13:10	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/04/21 13:10	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/04/21 13:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/04/21 13:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/04/21 13:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/04/21 13:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/04/21 13:10	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/04/21 13:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/04/21 13:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/04/21 13:10	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/04/21 13:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/04/21 13:10	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/04/21 13:10	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/04/21 13:10	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/04/21 13:10	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		05/04/21 13:10	17060-07-0	
4-Bromofluorobenzene (S)	100	%	70-130		1		05/04/21 13:10	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/04/21 13:10	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536428

Sample: Trip Blank		Lab ID: 92536428004		Collected: 05/03/21 00:00		Received: 05/03/21 15:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	0.34	1		05/04/21 13:29	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/04/21 13:29	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/04/21 13:29	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/04/21 13:29	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/04/21 13:29	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/04/21 13:29	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/04/21 13:29	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/04/21 13:29	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/04/21 13:29	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/04/21 13:29	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/04/21 13:29	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/04/21 13:29	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/04/21 13:29	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/04/21 13:29	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/04/21 13:29	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/04/21 13:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/04/21 13:29	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/04/21 13:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/04/21 13:29	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/04/21 13:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/04/21 13:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/04/21 13:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/04/21 13:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/04/21 13:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/04/21 13:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/04/21 13:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/04/21 13:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/04/21 13:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/04/21 13:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/04/21 13:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/04/21 13:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/04/21 13:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/04/21 13:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/04/21 13:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/04/21 13:29	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/04/21 13:29	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/04/21 13:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/04/21 13:29	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/04/21 13:29	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/04/21 13:29	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/04/21 13:29	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/04/21 13:29	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/04/21 13:29	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/04/21 13:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/04/21 13:29	630-20-6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536428

Sample: Trip Blank		Lab ID: 92536428004		Collected: 05/03/21 00:00		Received: 05/03/21 15:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/04/21 13:29	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/04/21 13:29	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/04/21 13:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/04/21 13:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/04/21 13:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/04/21 13:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/04/21 13:29	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/04/21 13:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/04/21 13:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/04/21 13:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/04/21 13:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/04/21 13:29	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/04/21 13:29	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/04/21 13:29	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/04/21 13:29	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		05/04/21 13:29	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		05/04/21 13:29	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/04/21 13:29	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536428

QC Batch: 617857

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92536428001, 92536428003

METHOD BLANK: 3250803

Matrix: Water

Associated Lab Samples: 92536428001, 92536428003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/03/21 15:34	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/03/21 15:34	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/03/21 15:34	N2
4-Bromofluorobenzene (FID) (S)	%	101	70-130		05/03/21 15:34	
4-Bromofluorobenzene (PID) (S)	%	97	70-130		05/03/21 15:34	

LABORATORY CONTROL SAMPLE & LCSD: 3250804

3250805

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	275	255	92	85	70-130	8	25	N2
Aliphatic (C09-C12)	ug/L	300	375	361	125	120	70-130	4	25	N2
Aromatic (C09-C10)	ug/L	100	110	106	110	106	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				105	98	70-130			
4-Bromofluorobenzene (PID) (S)	%				99	92	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536428

QC Batch:	618417	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92536428002

METHOD BLANK: 3253800 Matrix: Water

Associated Lab Samples: 92536428002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/05/21 15:26	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/05/21 15:26	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/05/21 15:26	N2
4-Bromofluorobenzene (FID) (S)	%	101	70-130		05/05/21 15:26	
4-Bromofluorobenzene (PID) (S)	%	103	70-130		05/05/21 15:26	

LABORATORY CONTROL SAMPLE & LCSD: 3253801

LABORATORY CONTROL SAMPLE & LCSD: 3253801			3253802							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	331	328	110	109	70-130	1	25	N2
Aliphatic (C09-C12)	ug/L	300	335	339	112	113	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	110	108	110	108	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				102	99	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536428

QC Batch: 618025

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92536428001, 92536428002

METHOD BLANK: 3251488

Matrix: Water

Associated Lab Samples: 92536428001, 92536428002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	05/05/21 13:08	

LABORATORY CONTROL SAMPLE: 3251489

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	478	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3251490 3251491

Parameter	Units	92536428001 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	477	470	95	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536428

QC Batch:	618075	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92536428001, 92536428003, 92536428004

METHOD BLANK: 3251897 Matrix: Water

Associated Lab Samples: 92536428001, 92536428003, 92536428004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/04/21 12:52	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/04/21 12:52	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/04/21 12:52	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/04/21 12:52	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/04/21 12:52	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/04/21 12:52	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/04/21 12:52	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/04/21 12:52	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/04/21 12:52	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/04/21 12:52	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/04/21 12:52	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/04/21 12:52	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/04/21 12:52	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/04/21 12:52	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/04/21 12:52	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/04/21 12:52	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/04/21 12:52	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/04/21 12:52	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/04/21 12:52	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/04/21 12:52	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/04/21 12:52	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/04/21 12:52	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/04/21 12:52	
Benzene	ug/L	ND	0.50	0.34	05/04/21 12:52	
Bromobenzene	ug/L	ND	0.50	0.29	05/04/21 12:52	
Bromochloromethane	ug/L	ND	0.50	0.47	05/04/21 12:52	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/04/21 12:52	
Bromoform	ug/L	ND	0.50	0.34	05/04/21 12:52	
Bromomethane	ug/L	ND	5.0	1.7	05/04/21 12:52	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/04/21 12:52	
Chlorobenzene	ug/L	ND	0.50	0.28	05/04/21 12:52	
Chloroethane	ug/L	ND	1.0	0.65	05/04/21 12:52	
Chloroform	ug/L	ND	0.50	0.35	05/04/21 12:52	
Chloromethane	ug/L	ND	1.0	0.54	05/04/21 12:52	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/04/21 12:52	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/04/21 12:52	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/04/21 12:52	
Dibromomethane	ug/L	ND	0.50	0.39	05/04/21 12:52	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/04/21 12:52	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/04/21 12:52	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536428

METHOD BLANK: 3251897

Matrix: Water

Associated Lab Samples: 92536428001, 92536428003, 92536428004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/04/21 12:52	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/04/21 12:52	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/04/21 12:52	
m&p-Xylene	ug/L	ND	1.0	0.71	05/04/21 12:52	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/04/21 12:52	
Methylene Chloride	ug/L	ND	2.0	2.0	05/04/21 12:52	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/04/21 12:52	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/04/21 12:52	
Naphthalene	ug/L	ND	2.0	0.64	05/04/21 12:52	
o-Xylene	ug/L	ND	0.50	0.34	05/04/21 12:52	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/04/21 12:52	
Styrene	ug/L	ND	0.50	0.29	05/04/21 12:52	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/04/21 12:52	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/04/21 12:52	
Toluene	ug/L	ND	0.50	0.48	05/04/21 12:52	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/04/21 12:52	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/04/21 12:52	
Trichloroethene	ug/L	ND	0.50	0.38	05/04/21 12:52	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/04/21 12:52	
Vinyl chloride	ug/L	ND	1.0	0.39	05/04/21 12:52	
1,2-Dichloroethane-d4 (S)	%	103	70-130		05/04/21 12:52	
4-Bromofluorobenzene (S)	%	97	70-130		05/04/21 12:52	
Toluene-d8 (S)	%	101	70-130		05/04/21 12:52	

LABORATORY CONTROL SAMPLE: 3251898

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.0	104	60-140	
1,1,1-Trichloroethane	ug/L	50	53.1	106	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	52.0	104	60-140	
1,1,2-Trichloroethane	ug/L	50	48.6	97	60-140	
1,1-Dichloroethane	ug/L	50	58.2	116	60-140	
1,1-Dichloroethene	ug/L	50	56.4	113	60-140	
1,1-Dichloropropene	ug/L	50	56.2	112	60-140	
1,2,3-Trichlorobenzene	ug/L	50	44.9	90	60-140	
1,2,3-Trichloropropane	ug/L	50	51.3	103	60-140	
1,2,4-Trichlorobenzene	ug/L	50	46.6	93	60-140	
1,2,4-Trimethylbenzene	ug/L	50	50.2	100	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.9	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	54.6	109	60-140	
1,2-Dichlorobenzene	ug/L	50	46.8	94	60-140	
1,2-Dichloroethane	ug/L	50	46.9	94	60-140	
1,2-Dichloropropane	ug/L	50	56.4	113	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.9	100	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536428

LABORATORY CONTROL SAMPLE: 3251898

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	47.5	95	60-140	
1,3-Dichloropropane	ug/L	50	56.0	112	60-140	
1,4-Dichlorobenzene	ug/L	50	47.7	95	60-140	
2,2-Dichloropropane	ug/L	50	53.8	108	60-140	
2-Chlorotoluene	ug/L	50	50.2	100	60-140	
4-Chlorotoluene	ug/L	50	49.0	98	60-140	
Benzene	ug/L	50	53.5	107	60-140	
Bromobenzene	ug/L	50	50.4	101	60-140	
Bromochloromethane	ug/L	50	54.7	109	60-140	
Bromodichloromethane	ug/L	50	51.6	103	60-140	
Bromoform	ug/L	50	53.8	108	60-140	
Bromomethane	ug/L	50	41.5	83	60-140	
Carbon tetrachloride	ug/L	50	48.9	98	60-140	
Chlorobenzene	ug/L	50	51.7	103	60-140	
Chloroethane	ug/L	50	39.3	79	60-140	
Chloroform	ug/L	50	47.9	96	60-140	
Chloromethane	ug/L	50	55.7	111	60-140	
cis-1,2-Dichloroethene	ug/L	50	56.9	114	60-140	
cis-1,3-Dichloropropene	ug/L	50	51.2	102	60-140	
Dibromochloromethane	ug/L	50	57.8	116	60-140	
Dibromomethane	ug/L	50	48.7	97	60-140	
Dichlorodifluoromethane	ug/L	50	50.1	100	60-140	
Diisopropyl ether	ug/L	50	60.6	121	60-140	
Ethylbenzene	ug/L	50	50.8	102	60-140	
Hexachloro-1,3-butadiene	ug/L	50	47.9	96	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.5	101	60-140	
m&p-Xylene	ug/L	100	102	102	60-140	
Methyl-tert-butyl ether	ug/L	50	51.6	103	60-140	
Methylene Chloride	ug/L	50	56.9	114	60-140	
n-Butylbenzene	ug/L	50	49.4	99	60-140	
n-Propylbenzene	ug/L	50	49.7	99	60-140	
Naphthalene	ug/L	50	46.7	93	60-140	
o-Xylene	ug/L	50	50.0	100	60-140	
sec-Butylbenzene	ug/L	50	48.5	97	60-140	
Styrene	ug/L	50	52.3	105	60-140	
tert-Butylbenzene	ug/L	50	41.7	83	60-140	
Tetrachloroethene	ug/L	50	50.7	101	60-140	
Toluene	ug/L	50	46.7	93	60-140	
trans-1,2-Dichloroethene	ug/L	50	58.3	117	60-140	
trans-1,3-Dichloropropene	ug/L	50	50.0	100	60-140	
Trichloroethene	ug/L	50	48.7	97	60-140	
Trichlorofluoromethane	ug/L	50	38.3	77	60-140	
Vinyl chloride	ug/L	50	55.9	112	60-140	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			93	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536428

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3251899 3251900											
Parameter	Units	92534964003 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	2500	2500	2130	2730	85	109	60-140	25	30
1,1,1-Trichloroethane	ug/L	ND	2500	2500	2300	3050	92	122	60-140	28	30
1,1,2,2-Tetrachloroethane	ug/L	ND	2500	2500	2240	2820	89	113	60-140	23	30
1,1,2-Trichloroethane	ug/L	ND	2500	2500	2220	2770	89	111	60-140	22	30
1,1-Dichloroethane	ug/L	ND	2500	2500	2570	3300	103	132	60-140	25	30
1,1-Dichloroethene	ug/L	ND	2500	2500	2590	3440	104	138	60-140	28	30
1,1-Dichloropropene	ug/L	ND	2500	2500	2460	3280	98	131	60-140	29	30
1,2,3-Trichlorobenzene	ug/L	ND	2500	2500	1700	2200	68	88	60-140	26	30
1,2,3-Trichloropropane	ug/L	ND	2500	2500	2230	2730	89	109	60-140	20	30
1,2,4-Trichlorobenzene	ug/L	ND	2500	2500	1740	2230	70	89	60-140	25	30
1,2,4-Trimethylbenzene	ug/L	99.1	2500	2500	2270	2790	87	108	60-140	21	30
1,2-Dibromo-3-chloropropane	ug/L	ND	2500	2500	1960	2570	78	103	60-140	27	30
1,2-Dibromoethane (EDB)	ug/L	ND	2500	2500	2330	2990	93	119	60-140	25	30
1,2-Dichlorobenzene	ug/L	ND	2500	2500	1870	2410	75	96	60-140	25	30
1,2-Dichloroethane	ug/L	ND	2500	2500	1980	2570	79	103	60-140	26	30
1,2-Dichloropropane	ug/L	ND	2500	2500	2450	3120	98	125	60-140	24	30
1,3,5-Trimethylbenzene	ug/L	ND	2500	2500	2220	2760	89	110	60-140	21	30
1,3-Dichlorobenzene	ug/L	ND	2500	2500	1980	2440	79	98	60-140	21	30
1,3-Dichloropropane	ug/L	ND	2500	2500	2500	3110	100	124	60-140	22	30
1,4-Dichlorobenzene	ug/L	ND	2500	2500	1940	2410	78	96	60-140	21	30
2,2-Dichloropropane	ug/L	ND	2500	2500	2130	2790	85	112	60-140	27	30
2-Chlorotoluene	ug/L	ND	2500	2500	2190	2750	88	110	60-140	22	30
4-Chlorotoluene	ug/L	ND	2500	2500	2070	2580	83	103	60-140	22	30
Benzene	ug/L	233	2500	2500	2630	3390	96	126	60-140	25	30
Bromobenzene	ug/L	ND	2500	2500	2160	2680	87	107	60-140	21	30
Bromochloromethane	ug/L	ND	2500	2500	2280	2970	91	119	60-140	26	30
Bromodichloromethane	ug/L	ND	2500	2500	2150	2760	86	111	60-140	25	30
Bromoform	ug/L	ND	2500	2500	2020	2570	81	103	60-140	24	30
Bromomethane	ug/L	ND	2500	2500	2130	2680	85	107	60-140	23	30
Carbon tetrachloride	ug/L	ND	2500	2500	2120	2730	85	109	60-140	25	30
Chlorobenzene	ug/L	ND	2500	2500	2240	2850	90	114	60-140	24	30
Chloroethane	ug/L	ND	2500	2500	2290	2830	92	113	60-140	21	30
Chloroform	ug/L	ND	2500	2500	2080	2700	83	108	60-140	26	30
Chloromethane	ug/L	ND	2500	2500	2160	2830	86	113	60-140	27	30
cis-1,2-Dichloroethene	ug/L	ND	2500	2500	2560	3260	102	130	60-140	24	30
cis-1,3-Dichloropropene	ug/L	ND	2500	2500	2220	2830	89	113	60-140	24	30
Dibromochloromethane	ug/L	ND	2500	2500	2280	2950	91	118	60-140	26	30
Dibromomethane	ug/L	ND	2500	2500	2130	2610	85	104	60-140	20	30
Dichlorodifluoromethane	ug/L	ND	2500	2500	2040	2680	81	107	60-140	27	30
Diisopropyl ether	ug/L	632	2500	2500	3190	4390	102	150	60-140	32	30 M1, R1
Ethylbenzene	ug/L	ND	2500	2500	2290	2880	91	114	60-140	23	30
Hexachloro-1,3-butadiene	ug/L	ND	2500	2500	2010	2460	81	98	60-140	20	30
Isopropylbenzene (Cumene)	ug/L	ND	2500	2500	2200	2810	88	112	60-140	24	30
m&p-Xylene	ug/L	143	5000	5000	4650	5880	90	115	60-140	23	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536428

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3251899	3251900								
Parameter	Units	92534964003	MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Max	Qual
		Result	Spike	Spike								
Methyl-tert-butyl ether	ug/L	15000	2500	2500	17400	27700	96	509	60-140	46	30	E,M1, R1
Methylene Chloride	ug/L	ND	2500	2500	2640	3380	96	126	60-140	25	30	
n-Butylbenzene	ug/L	ND	2500	2500	2070	2660	83	106	60-140	25	30	
n-Propylbenzene	ug/L	ND	2500	2500	2220	2740	89	109	60-140	21	30	
Naphthalene	ug/L	ND	2500	2500	1640	2140	61	81	60-140	26	30	
o-Xylene	ug/L	ND	2500	2500	2180	2800	85	110	60-140	25	30	
sec-Butylbenzene	ug/L	ND	2500	2500	2190	2710	88	108	60-140	21	30	
Styrene	ug/L	ND	2500	2500	2190	2780	87	111	60-140	24	30	
tert-Butylbenzene	ug/L	ND	2500	2500	1850	2290	74	92	60-140	22	30	
Tetrachloroethene	ug/L	ND	2500	2500	2260	2880	91	115	60-140	24	30	
Toluene	ug/L	ND	2500	2500	2210	2810	86	111	60-140	24	30	
trans-1,2-Dichloroethene	ug/L	ND	2500	2500	2600	3410	104	136	60-140	27	30	
trans-1,3-Dichloropropene	ug/L	ND	2500	2500	2110	2690	84	108	60-140	24	30	
Trichloroethene	ug/L	ND	2500	2500	2200	2750	88	110	60-140	22	30	
Trichlorofluoromethane	ug/L	ND	2500	2500	2000	2610	80	104	60-140	26	30	
Vinyl chloride	ug/L	ND	2500	2500	2240	3060	89	122	60-140	31	30	R1
1,2-Dichloroethane-d4 (S)	%						102	103	70-130			
4-Bromofluorobenzene (S)	%						99	100	70-130			
Toluene-d8 (S)	%						101	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)
Pace Project No.: 92536428

QC Batch:	618323	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92536428002

METHOD BLANK: 3253184 Matrix: Water

Associated Lab Samples: 92536428002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/05/21 11:52	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/05/21 11:52	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/05/21 11:52	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/05/21 11:52	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/05/21 11:52	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/05/21 11:52	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/05/21 11:52	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/05/21 11:52	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/05/21 11:52	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/05/21 11:52	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/05/21 11:52	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/05/21 11:52	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/05/21 11:52	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/05/21 11:52	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/05/21 11:52	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/05/21 11:52	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/05/21 11:52	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/05/21 11:52	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/05/21 11:52	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/05/21 11:52	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/05/21 11:52	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/05/21 11:52	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/05/21 11:52	
Benzene	ug/L	ND	0.50	0.34	05/05/21 11:52	
Bromobenzene	ug/L	ND	0.50	0.29	05/05/21 11:52	
Bromochloromethane	ug/L	ND	0.50	0.47	05/05/21 11:52	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/05/21 11:52	
Bromoform	ug/L	ND	0.50	0.34	05/05/21 11:52	
Bromomethane	ug/L	ND	5.0	1.7	05/05/21 11:52	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/05/21 11:52	
Chlorobenzene	ug/L	ND	0.50	0.28	05/05/21 11:52	
Chloroethane	ug/L	ND	1.0	0.65	05/05/21 11:52	
Chloroform	ug/L	ND	0.50	0.35	05/05/21 11:52	
Chloromethane	ug/L	ND	1.0	0.54	05/05/21 11:52	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/05/21 11:52	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/05/21 11:52	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/05/21 11:52	
Dibromomethane	ug/L	ND	0.50	0.39	05/05/21 11:52	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/05/21 11:52	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/05/21 11:52	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536428

METHOD BLANK: 3253184

Matrix: Water

Associated Lab Samples: 92536428002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/05/21 11:52	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/05/21 11:52	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/05/21 11:52	
m&p-Xylene	ug/L	ND	1.0	0.71	05/05/21 11:52	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/05/21 11:52	
Methylene Chloride	ug/L	ND	2.0	2.0	05/05/21 11:52	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/05/21 11:52	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/05/21 11:52	
Naphthalene	ug/L	ND	2.0	0.64	05/05/21 11:52	
o-Xylene	ug/L	ND	0.50	0.34	05/05/21 11:52	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/05/21 11:52	
Styrene	ug/L	ND	0.50	0.29	05/05/21 11:52	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/05/21 11:52	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/05/21 11:52	
Toluene	ug/L	ND	0.50	0.48	05/05/21 11:52	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/05/21 11:52	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/05/21 11:52	
Trichloroethene	ug/L	ND	0.50	0.38	05/05/21 11:52	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/05/21 11:52	
Vinyl chloride	ug/L	ND	1.0	0.39	05/05/21 11:52	
1,2-Dichloroethane-d4 (S)	%	104	70-130		05/05/21 11:52	
4-Bromofluorobenzene (S)	%	100	70-130		05/05/21 11:52	
Toluene-d8 (S)	%	98	70-130		05/05/21 11:52	

LABORATORY CONTROL SAMPLE: 3253185

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	50.0	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	50.1	100	60-140	
1,1,2-Trichloroethane	ug/L	50	49.8	100	60-140	
1,1-Dichloroethane	ug/L	50	55.6	111	60-140	
1,1-Dichloroethene	ug/L	50	57.4	115	60-140	
1,1-Dichloropropene	ug/L	50	53.6	107	60-140	
1,2,3-Trichlorobenzene	ug/L	50	43.8	88	60-140	
1,2,3-Trichloropropane	ug/L	50	48.7	97	60-140	
1,2,4-Trichlorobenzene	ug/L	50	45.3	91	60-140	
1,2,4-Trimethylbenzene	ug/L	50	49.9	100	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	51.3	103	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	51.9	104	60-140	
1,2-Dichlorobenzene	ug/L	50	45.2	90	60-140	
1,2-Dichloroethane	ug/L	50	43.5	87	60-140	
1,2-Dichloropropane	ug/L	50	52.7	105	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.1	98	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536428

LABORATORY CONTROL SAMPLE: 3253185

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	46.1	92	60-140	
1,3-Dichloropropane	ug/L	50	54.6	109	60-140	
1,4-Dichlorobenzene	ug/L	50	45.7	91	60-140	
2,2-Dichloropropane	ug/L	50	51.6	103	60-140	
2-Chlorotoluene	ug/L	50	50.9	102	60-140	
4-Chlorotoluene	ug/L	50	47.7	95	60-140	
Benzene	ug/L	50	52.3	105	60-140	
Bromobenzene	ug/L	50	48.3	97	60-140	
Bromochloromethane	ug/L	50	51.4	103	60-140	
Bromodichloromethane	ug/L	50	49.2	98	60-140	
Bromoform	ug/L	50	50.4	101	60-140	
Bromomethane	ug/L	50	41.6	83	60-140	
Carbon tetrachloride	ug/L	50	47.8	96	60-140	
Chlorobenzene	ug/L	50	49.7	99	60-140	
Chloroethane	ug/L	50	39.6	79	60-140	
Chloroform	ug/L	50	46.8	94	60-140	
Chloromethane	ug/L	50	64.1	128	60-140	
cis-1,2-Dichloroethene	ug/L	50	55.2	110	60-140	
cis-1,3-Dichloropropene	ug/L	50	53.6	107	60-140	
Dibromochloromethane	ug/L	50	54.2	108	60-140	
Dibromomethane	ug/L	50	44.9	90	60-140	
Dichlorodifluoromethane	ug/L	50	48.7	97	60-140	
Diisopropyl ether	ug/L	50	58.5	117	60-140	
Ethylbenzene	ug/L	50	49.6	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	47.4	95	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.4	97	60-140	
m&p-Xylene	ug/L	100	99.5	99	60-140	
Methyl-tert-butyl ether	ug/L	50	48.7	97	60-140	
Methylene Chloride	ug/L	50	55.1	110	60-140	
n-Butylbenzene	ug/L	50	48.7	97	60-140	
n-Propylbenzene	ug/L	50	49.6	99	60-140	
Naphthalene	ug/L	50	44.1	88	60-140	
o-Xylene	ug/L	50	48.3	97	60-140	
sec-Butylbenzene	ug/L	50	47.5	95	60-140	
Styrene	ug/L	50	50.7	101	60-140	
tert-Butylbenzene	ug/L	50	40.6	81	60-140	
Tetrachloroethene	ug/L	50	49.1	98	60-140	
Toluene	ug/L	50	49.2	98	60-140	
trans-1,2-Dichloroethene	ug/L	50	56.9	114	60-140	
trans-1,3-Dichloropropene	ug/L	50	51.6	103	60-140	
Trichloroethene	ug/L	50	47.6	95	60-140	
Trichlorofluoromethane	ug/L	50	37.3	75	60-140	
Vinyl chloride	ug/L	50	58.9	118	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536428

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253186				3253187								
		92536183003	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Parameter	Units	Result										
1,1,1,2-Tetrachloroethane	ug/L	ND	500	500	551	558	110	112	60-140	1	30	
1,1,1-Trichloroethane	ug/L	ND	500	500	592	613	118	123	60-140	3	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	500	500	577	551	115	110	60-140	5	30	
1,1,2-Trichloroethane	ug/L	ND	500	500	579	568	116	114	60-140	2	30	
1,1-Dichloroethane	ug/L	ND	500	500	672	674	134	135	60-140	0	30	
1,1-Dichloroethene	ug/L	ND	500	500	714	703	143	141	60-140	2	30	M1
1,1-Dichloropropene	ug/L	ND	500	500	649	645	130	129	60-140	1	30	
1,2,3-Trichlorobenzene	ug/L	ND	500	500	432	482	86	96	60-140	11	30	
1,2,3-Trichloropropane	ug/L	ND	500	500	557	539	111	108	60-140	3	30	
1,2,4-Trichlorobenzene	ug/L	ND	500	500	461	493	92	99	60-140	7	30	
1,2,4-Trimethylbenzene	ug/L	ND	500	500	558	568	112	114	60-140	2	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	500	500	510	534	102	107	60-140	5	30	
1,2-Dibromoethane (EDB)	ug/L	ND	500	500	603	605	121	121	60-140	0	30	
1,2-Dichlorobenzene	ug/L	ND	500	500	487	502	97	100	60-140	3	30	
1,2-Dichloroethane	ug/L	ND	500	500	510	520	102	104	60-140	2	30	
1,2-Dichloropropane	ug/L	ND	500	500	644	657	129	131	60-140	2	30	
1,3,5-Trimethylbenzene	ug/L	ND	500	500	563	571	113	114	60-140	1	30	
1,3-Dichlorobenzene	ug/L	ND	500	500	497	505	99	101	60-140	2	30	
1,3-Dichloropropane	ug/L	ND	500	500	648	644	130	129	60-140	1	30	
1,4-Dichlorobenzene	ug/L	ND	500	500	490	508	98	102	60-140	4	30	
2,2-Dichloropropane	ug/L	ND	500	500	513	528	103	106	60-140	3	30	
2-Chlorotoluene	ug/L	ND	500	500	564	576	113	115	60-140	2	30	
4-Chlorotoluene	ug/L	ND	500	500	538	546	108	109	60-140	2	30	
Benzene	ug/L	ND	500	500	622	617	124	123	60-140	1	30	
Bromobenzene	ug/L	ND	500	500	545	564	109	113	60-140	3	30	
Bromochloromethane	ug/L	ND	500	500	586	606	117	121	60-140	3	30	
Bromodichloromethane	ug/L	ND	500	500	567	567	113	113	60-140	0	30	
Bromoform	ug/L	ND	500	500	513	510	103	102	60-140	1	30	
Bromomethane	ug/L	ND	500	500	474	557	95	111	60-140	16	30	
Carbon tetrachloride	ug/L	ND	500	500	546	550	109	110	60-140	1	30	
Chlorobenzene	ug/L	ND	500	500	577	578	115	116	60-140	0	30	
Chloroethane	ug/L	ND	500	500	557	580	111	116	60-140	4	30	
Chloroform	ug/L	ND	500	500	542	550	108	110	60-140	1	30	
Chloromethane	ug/L	ND	500	500	709	694	142	139	60-140	2	30	M1
cis-1,2-Dichloroethene	ug/L	ND	500	500	659	681	132	136	60-140	3	30	
cis-1,3-Dichloropropene	ug/L	ND	500	500	554	582	111	116	60-140	5	30	
Dibromochloromethane	ug/L	ND	500	500	588	602	118	120	60-140	2	30	
Dibromomethane	ug/L	ND	500	500	533	528	107	106	60-140	1	30	
Dichlorodifluoromethane	ug/L	ND	500	500	555	546	111	109	60-140	2	30	
Diisopropyl ether	ug/L	99.9	500	500	789	808	138	142	60-140	2	30	M1
Ethylbenzene	ug/L	ND	500	500	583	580	117	116	60-140	1	30	
Hexachloro-1,3-butadiene	ug/L	ND	500	500	527	558	105	112	60-140	6	30	
Isopropylbenzene (Cumene)	ug/L	ND	500	500	569	557	114	111	60-140	2	30	
m&p-Xylene	ug/L	ND	1000	1000	1160	1150	116	115	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536428

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253186 3253187											
Parameter	Units	92536183003		MS		MSD		MS		MSD	
		Result	Conc.	Spike	Conc.	Result	Conc.	% Rec	% Rec	% Rec	Max
								Limits	RPD	RPD	Qual
Methyl-tert-butyl ether	ug/L	3400	500	500	500	4080	4070	137	135	60-140	0 30
Methylene Chloride	ug/L	148	500	500	500	785	764	127	123	60-140	3 30
n-Butylbenzene	ug/L	ND	500	500	500	543	557	109	111	60-140	3 30
n-Propylbenzene	ug/L	ND	500	500	500	567	571	113	114	60-140	1 30
Naphthalene	ug/L	ND	500	500	500	415	459	83	92	60-140	10 30
o-Xylene	ug/L	ND	500	500	500	553	549	111	110	60-140	1 30
sec-Butylbenzene	ug/L	ND	500	500	500	553	561	111	112	60-140	1 30
Styrene	ug/L	ND	500	500	500	559	550	112	110	60-140	2 30
tert-Butylbenzene	ug/L	ND	500	500	500	477	485	95	97	60-140	2 30
Tetrachloroethene	ug/L	ND	500	500	500	574	570	115	114	60-140	1 30
Toluene	ug/L	ND	500	500	500	548	574	110	115	60-140	5 30
trans-1,2-Dichloroethene	ug/L	ND	500	500	500	685	690	137	138	60-140	1 30
trans-1,3-Dichloropropene	ug/L	ND	500	500	500	538	543	108	109	60-140	1 30
Trichloroethene	ug/L	ND	500	500	500	557	557	111	111	60-140	0 30
Trichlorofluoromethane	ug/L	ND	500	500	500	518	525	104	105	60-140	1 30
Vinyl chloride	ug/L	ND	500	500	500	709	692	142	138	60-140	3 30 M1
1,2-Dichloroethane-d4 (S)	%							100	102	70-130	
4-Bromofluorobenzene (S)	%							99	96	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536428

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.

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536428

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92536428001	MW-46	MADEP VPH	617857		
92536428002	MW-50	MADEP VPH	618417		
92536428003	FB-1-20210503	MADEP VPH	617857		
92536428001	MW-46	EPA 3010A	618025	EPA 6010D	618226
92536428002	MW-50	EPA 3010A	618025	EPA 6010D	618226
92536428001	MW-46	SM 6200B	618075		
92536428002	MW-50	SM 6200B	618323		
92536428003	FB-1-20210503	SM 6200B	618075		
92536428004	Trip Blank	SM 6200B	618075		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

	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# : 92536428

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client
☐ Commercial ☐ Pace ☐ Other: _____



92536428

Custody Seal Present? ☐ Yes ☒ No Seals Intact? ☐ Yes ☒ No

Date/Initials Person Examining Contents: 5/3/21 JD

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen?

Thermometer:

☐ Yes ☐ No ☒ N/A

IR Gun ID:

927064

Type of Ice:

☒ Wet ☐ Blue ☐ None

Cooler Temp:

1.3

Correction Factor:

Add/Subtract (°C) 0.0°C

Temp should be above freezing to 6°C

☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C):

1.3

USDA Regulated Soil (☒ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?

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

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____

Date: _____

Project Manager SRF Review: _____

Date: _____ Page 28 of 30



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# : 92536428

PM: NMG

Due Date: 05/06/21

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 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													
2						✓										7													
3																2													
4																7													
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.

CHAIN-OF-CUSTODY / Analytical Request Document

[illegible][illegible]

May 06, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC Huntersville (5/3/21)
Pace Project No.: 92536429

Dear Andrew Wreschnig:

Enclosed are the analytical results for sample(s) received by the laboratory on May 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,



Nicole Gasiorowski
nicole.gasiorowski@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: 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 (5/3/21)

Pace Project No.: 92536429

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536429

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92536429001	MW-67	Water	05/03/21 09:25	05/03/21 15:30
92536429002	MW-42	Water	05/03/21 12:20	05/03/21 15:30
92536429003	Trip Blank	Water	05/03/21 00:00	05/03/21 15:30

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536429

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92536429001	MW-67	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92536429002	MW-42	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92536429003	Trip Blank	SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536429

Sample: MW-67 Lab ID: 92536429001 Collected: 05/03/21 09:25 Received: 05/03/21 15:30 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		05/03/21 22:14		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/03/21 22:14		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/03/21 22:14		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/03/21 22:14		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/03/21 22:14		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		05/03/21 22:14	460-00-4	
4-Bromofluorobenzene (PID) (S)	97	%	70-130		1		05/03/21 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	05/04/21 16:23	05/05/21 13:40	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/05/21 14:52	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/05/21 14:52	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/05/21 14:52	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/05/21 14:52	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/05/21 14:52	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/05/21 14:52	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/05/21 14:52	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/05/21 14:52	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/05/21 14:52	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/05/21 14:52	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/05/21 14:52	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/05/21 14:52	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/05/21 14:52	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/05/21 14:52	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 14:52	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 14:52	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/05/21 14:52	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/05/21 14:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/05/21 14:52	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/05/21 14:52	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 14:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 14:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/05/21 14:52	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/05/21 14:52	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/05/21 14:52	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 14:52	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/05/21 14:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 14:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/05/21 14:52	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/05/21 14:52	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536429

Sample: MW-67		Lab ID: 92536429001		Collected: 05/03/21 09:25		Received: 05/03/21 15:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/05/21 14:52	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/05/21 14:52	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/05/21 14:52	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 14:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 14:52	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/05/21 14:52	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/05/21 14:52	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/05/21 14:52	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/05/21 14:52	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/05/21 14:52	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/05/21 14:52	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/05/21 14:52	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/05/21 14:52	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/05/21 14:52	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/05/21 14:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/05/21 14:52	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/05/21 14:52	127-18-4	
Toluene	0.75	ug/L	0.50	0.48	1		05/05/21 14:52	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/05/21 14:52	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/05/21 14:52	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/05/21 14:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 14:52	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 14:52	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/05/21 14:52	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/05/21 14:52	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/05/21 14:52	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/05/21 14:52	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/05/21 14:52	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/05/21 14:52	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/05/21 14:52	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		05/05/21 14:52	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		05/05/21 14:52	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/05/21 14:52	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536429

Sample: MW-42		Lab ID: 92536429002		Collected: 05/03/21 12:20		Received: 05/03/21 15:30		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		05/03/21 22:43		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/03/21 22:43		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/03/21 22:43		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/03/21 22:43		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/03/21 22:43		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		05/03/21 22:43	460-00-4	
4-Bromofluorobenzene (PID) (S)	96	%	70-130		1		05/03/21 22:43	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	05/04/21 16:23	05/05/21 13:43	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/04/21 17:42	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/04/21 17:42	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/04/21 17:42	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/04/21 17:42	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/04/21 17:42	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/04/21 17:42	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/04/21 17:42	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/04/21 17:42	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/04/21 17:42	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/04/21 17:42	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/04/21 17:42	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/04/21 17:42	75-00-3	
Chloroform	3.7	ug/L	0.50	0.35	1		05/04/21 17:42	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/04/21 17:42	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/04/21 17:42	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/04/21 17:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/04/21 17:42	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/04/21 17:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/04/21 17:42	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/04/21 17:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/04/21 17:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/04/21 17:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/04/21 17:42	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/04/21 17:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/04/21 17:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/04/21 17:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/04/21 17:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/04/21 17:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/04/21 17:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/04/21 17:42	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536429

Sample: MW-42		Lab ID: 92536429002		Collected: 05/03/21 12:20		Received: 05/03/21 15:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/04/21 17:42	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/04/21 17:42	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/04/21 17:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/04/21 17:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/04/21 17:42	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/04/21 17:42	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/04/21 17:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/04/21 17:42	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/04/21 17:42	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/04/21 17:42	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/04/21 17:42	1634-04-4	
Naphthalene	0.88J	ug/L	2.0	0.64	1		05/04/21 17:42	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/04/21 17:42	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/04/21 17:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/04/21 17:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/04/21 17:42	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/04/21 17:42	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/04/21 17:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/04/21 17:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/04/21 17:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/04/21 17:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/04/21 17:42	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/04/21 17:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/04/21 17:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/04/21 17:42	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/04/21 17:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/04/21 17:42	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/04/21 17:42	75-01-4	
m&p-Xylene	0.74J	ug/L	1.0	0.71	1		05/04/21 17:42	179601-23-1	
o-Xylene	0.39J	ug/L	0.50	0.34	1		05/04/21 17:42	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		05/04/21 17:42	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130		1		05/04/21 17:42	460-00-4	
Toluene-d8 (S)	93	%	70-130		1		05/04/21 17:42	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536429

Sample: Trip Blank		Lab ID: 92536429003		Collected: 05/03/21 00:00		Received: 05/03/21 15:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	0.34	1		05/04/21 13:47	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/04/21 13:47	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/04/21 13:47	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/04/21 13:47	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/04/21 13:47	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/04/21 13:47	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/04/21 13:47	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/04/21 13:47	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/04/21 13:47	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/04/21 13:47	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/04/21 13:47	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/04/21 13:47	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/04/21 13:47	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/04/21 13:47	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/04/21 13:47	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/04/21 13:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/04/21 13:47	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/04/21 13:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/04/21 13:47	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/04/21 13:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/04/21 13:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/04/21 13:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/04/21 13:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/04/21 13:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/04/21 13:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/04/21 13:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/04/21 13:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/04/21 13:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/04/21 13:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/04/21 13:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/04/21 13:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/04/21 13:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/04/21 13:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/04/21 13:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/04/21 13:47	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/04/21 13:47	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/04/21 13:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/04/21 13:47	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/04/21 13:47	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/04/21 13:47	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/04/21 13:47	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/04/21 13:47	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/04/21 13:47	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/04/21 13:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/04/21 13:47	630-20-6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536429

Sample: Trip Blank		Lab ID: 92536429003		Collected: 05/03/21 00:00		Received: 05/03/21 15:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/04/21 13:47	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/04/21 13:47	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/04/21 13:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/04/21 13:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/04/21 13:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/04/21 13:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/04/21 13:47	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/04/21 13:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/04/21 13:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/04/21 13:47	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/04/21 13:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/04/21 13:47	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/04/21 13:47	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/04/21 13:47	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/04/21 13:47	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		05/04/21 13:47	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130		1		05/04/21 13:47	460-00-4	
Toluene-d8 (S)	93	%	70-130		1		05/04/21 13:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536429

QC Batch:	617857	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92536429001, 92536429002

METHOD BLANK: 3250803 Matrix: Water

Associated Lab Samples: 92536429001, 92536429002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/03/21 15:34	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/03/21 15:34	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/03/21 15:34	N2
4-Bromofluorobenzene (FID) (S)	%	101	70-130		05/03/21 15:34	
4-Bromofluorobenzene (PID) (S)	%	97	70-130		05/03/21 15:34	

LABORATORY CONTROL SAMPLE & LCSD: 3250804

		3250805								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	275	255	92	85	70-130	8	25	N2
Aliphatic (C09-C12)	ug/L	300	375	361	125	120	70-130	4	25	N2
Aromatic (C09-C10)	ug/L	100	110	106	110	106	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				105	98	70-130			
4-Bromofluorobenzene (PID) (S)	%				99	92	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536429

QC Batch: 618025

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92536429001, 92536429002

METHOD BLANK: 3251488

Matrix: Water

Associated Lab Samples: 92536429001, 92536429002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	05/05/21 13:08	

LABORATORY CONTROL SAMPLE: 3251489

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	478	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3251490 3251491

Parameter	Units	92536428001 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	477	470	95	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536429

QC Batch: 618075

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92536429002, 92536429003

METHOD BLANK: 3251897

Matrix: Water

Associated Lab Samples: 92536429002, 92536429003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/04/21 12:52	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/04/21 12:52	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/04/21 12:52	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/04/21 12:52	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/04/21 12:52	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/04/21 12:52	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/04/21 12:52	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/04/21 12:52	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/04/21 12:52	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/04/21 12:52	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/04/21 12:52	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/04/21 12:52	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/04/21 12:52	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/04/21 12:52	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/04/21 12:52	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/04/21 12:52	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/04/21 12:52	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/04/21 12:52	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/04/21 12:52	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/04/21 12:52	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/04/21 12:52	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/04/21 12:52	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/04/21 12:52	
Benzene	ug/L	ND	0.50	0.34	05/04/21 12:52	
Bromobenzene	ug/L	ND	0.50	0.29	05/04/21 12:52	
Bromochloromethane	ug/L	ND	0.50	0.47	05/04/21 12:52	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/04/21 12:52	
Bromoform	ug/L	ND	0.50	0.34	05/04/21 12:52	
Bromomethane	ug/L	ND	5.0	1.7	05/04/21 12:52	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/04/21 12:52	
Chlorobenzene	ug/L	ND	0.50	0.28	05/04/21 12:52	
Chloroethane	ug/L	ND	1.0	0.65	05/04/21 12:52	
Chloroform	ug/L	ND	0.50	0.35	05/04/21 12:52	
Chloromethane	ug/L	ND	1.0	0.54	05/04/21 12:52	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/04/21 12:52	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/04/21 12:52	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/04/21 12:52	
Dibromomethane	ug/L	ND	0.50	0.39	05/04/21 12:52	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/04/21 12:52	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/04/21 12:52	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536429

METHOD BLANK: 3251897

Matrix: Water

Associated Lab Samples: 92536429002, 92536429003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/04/21 12:52	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/04/21 12:52	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/04/21 12:52	
m&p-Xylene	ug/L	ND	1.0	0.71	05/04/21 12:52	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/04/21 12:52	
Methylene Chloride	ug/L	ND	2.0	2.0	05/04/21 12:52	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/04/21 12:52	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/04/21 12:52	
Naphthalene	ug/L	ND	2.0	0.64	05/04/21 12:52	
o-Xylene	ug/L	ND	0.50	0.34	05/04/21 12:52	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/04/21 12:52	
Styrene	ug/L	ND	0.50	0.29	05/04/21 12:52	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/04/21 12:52	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/04/21 12:52	
Toluene	ug/L	ND	0.50	0.48	05/04/21 12:52	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/04/21 12:52	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/04/21 12:52	
Trichloroethene	ug/L	ND	0.50	0.38	05/04/21 12:52	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/04/21 12:52	
Vinyl chloride	ug/L	ND	1.0	0.39	05/04/21 12:52	
1,2-Dichloroethane-d4 (S)	%	103	70-130		05/04/21 12:52	
4-Bromofluorobenzene (S)	%	97	70-130		05/04/21 12:52	
Toluene-d8 (S)	%	101	70-130		05/04/21 12:52	

LABORATORY CONTROL SAMPLE: 3251898

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.0	104	60-140	
1,1,1-Trichloroethane	ug/L	50	53.1	106	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	52.0	104	60-140	
1,1,2-Trichloroethane	ug/L	50	48.6	97	60-140	
1,1-Dichloroethane	ug/L	50	58.2	116	60-140	
1,1-Dichloroethene	ug/L	50	56.4	113	60-140	
1,1-Dichloropropene	ug/L	50	56.2	112	60-140	
1,2,3-Trichlorobenzene	ug/L	50	44.9	90	60-140	
1,2,3-Trichloropropane	ug/L	50	51.3	103	60-140	
1,2,4-Trichlorobenzene	ug/L	50	46.6	93	60-140	
1,2,4-Trimethylbenzene	ug/L	50	50.2	100	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.9	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	54.6	109	60-140	
1,2-Dichlorobenzene	ug/L	50	46.8	94	60-140	
1,2-Dichloroethane	ug/L	50	46.9	94	60-140	
1,2-Dichloropropane	ug/L	50	56.4	113	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.9	100	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536429

LABORATORY CONTROL SAMPLE: 3251898

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	47.5	95	60-140	
1,3-Dichloropropane	ug/L	50	56.0	112	60-140	
1,4-Dichlorobenzene	ug/L	50	47.7	95	60-140	
2,2-Dichloropropane	ug/L	50	53.8	108	60-140	
2-Chlorotoluene	ug/L	50	50.2	100	60-140	
4-Chlorotoluene	ug/L	50	49.0	98	60-140	
Benzene	ug/L	50	53.5	107	60-140	
Bromobenzene	ug/L	50	50.4	101	60-140	
Bromochloromethane	ug/L	50	54.7	109	60-140	
Bromodichloromethane	ug/L	50	51.6	103	60-140	
Bromoform	ug/L	50	53.8	108	60-140	
Bromomethane	ug/L	50	41.5	83	60-140	
Carbon tetrachloride	ug/L	50	48.9	98	60-140	
Chlorobenzene	ug/L	50	51.7	103	60-140	
Chloroethane	ug/L	50	39.3	79	60-140	
Chloroform	ug/L	50	47.9	96	60-140	
Chloromethane	ug/L	50	55.7	111	60-140	
cis-1,2-Dichloroethene	ug/L	50	56.9	114	60-140	
cis-1,3-Dichloropropene	ug/L	50	51.2	102	60-140	
Dibromochloromethane	ug/L	50	57.8	116	60-140	
Dibromomethane	ug/L	50	48.7	97	60-140	
Dichlorodifluoromethane	ug/L	50	50.1	100	60-140	
Diisopropyl ether	ug/L	50	60.6	121	60-140	
Ethylbenzene	ug/L	50	50.8	102	60-140	
Hexachloro-1,3-butadiene	ug/L	50	47.9	96	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.5	101	60-140	
m&p-Xylene	ug/L	100	102	102	60-140	
Methyl-tert-butyl ether	ug/L	50	51.6	103	60-140	
Methylene Chloride	ug/L	50	56.9	114	60-140	
n-Butylbenzene	ug/L	50	49.4	99	60-140	
n-Propylbenzene	ug/L	50	49.7	99	60-140	
Naphthalene	ug/L	50	46.7	93	60-140	
o-Xylene	ug/L	50	50.0	100	60-140	
sec-Butylbenzene	ug/L	50	48.5	97	60-140	
Styrene	ug/L	50	52.3	105	60-140	
tert-Butylbenzene	ug/L	50	41.7	83	60-140	
Tetrachloroethene	ug/L	50	50.7	101	60-140	
Toluene	ug/L	50	46.7	93	60-140	
trans-1,2-Dichloroethene	ug/L	50	58.3	117	60-140	
trans-1,3-Dichloropropene	ug/L	50	50.0	100	60-140	
Trichloroethene	ug/L	50	48.7	97	60-140	
Trichlorofluoromethane	ug/L	50	38.3	77	60-140	
Vinyl chloride	ug/L	50	55.9	112	60-140	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			93	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536429

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3251899 3251900											
Parameter	Units	92534964003 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	2500	2500	2130	2730	85	109	60-140	25	30
1,1,1-Trichloroethane	ug/L	ND	2500	2500	2300	3050	92	122	60-140	28	30
1,1,2,2-Tetrachloroethane	ug/L	ND	2500	2500	2240	2820	89	113	60-140	23	30
1,1,2-Trichloroethane	ug/L	ND	2500	2500	2220	2770	89	111	60-140	22	30
1,1-Dichloroethane	ug/L	ND	2500	2500	2570	3300	103	132	60-140	25	30
1,1-Dichloroethene	ug/L	ND	2500	2500	2590	3440	104	138	60-140	28	30
1,1-Dichloropropene	ug/L	ND	2500	2500	2460	3280	98	131	60-140	29	30
1,2,3-Trichlorobenzene	ug/L	ND	2500	2500	1700	2200	68	88	60-140	26	30
1,2,3-Trichloropropane	ug/L	ND	2500	2500	2230	2730	89	109	60-140	20	30
1,2,4-Trichlorobenzene	ug/L	ND	2500	2500	1740	2230	70	89	60-140	25	30
1,2,4-Trimethylbenzene	ug/L	99.1	2500	2500	2270	2790	87	108	60-140	21	30
1,2-Dibromo-3-chloropropane	ug/L	ND	2500	2500	1960	2570	78	103	60-140	27	30
1,2-Dibromoethane (EDB)	ug/L	ND	2500	2500	2330	2990	93	119	60-140	25	30
1,2-Dichlorobenzene	ug/L	ND	2500	2500	1870	2410	75	96	60-140	25	30
1,2-Dichloroethane	ug/L	ND	2500	2500	1980	2570	79	103	60-140	26	30
1,2-Dichloropropane	ug/L	ND	2500	2500	2450	3120	98	125	60-140	24	30
1,3,5-Trimethylbenzene	ug/L	ND	2500	2500	2220	2760	89	110	60-140	21	30
1,3-Dichlorobenzene	ug/L	ND	2500	2500	1980	2440	79	98	60-140	21	30
1,3-Dichloropropane	ug/L	ND	2500	2500	2500	3110	100	124	60-140	22	30
1,4-Dichlorobenzene	ug/L	ND	2500	2500	1940	2410	78	96	60-140	21	30
2,2-Dichloropropane	ug/L	ND	2500	2500	2130	2790	85	112	60-140	27	30
2-Chlorotoluene	ug/L	ND	2500	2500	2190	2750	88	110	60-140	22	30
4-Chlorotoluene	ug/L	ND	2500	2500	2070	2580	83	103	60-140	22	30
Benzene	ug/L	233	2500	2500	2630	3390	96	126	60-140	25	30
Bromobenzene	ug/L	ND	2500	2500	2160	2680	87	107	60-140	21	30
Bromochloromethane	ug/L	ND	2500	2500	2280	2970	91	119	60-140	26	30
Bromodichloromethane	ug/L	ND	2500	2500	2150	2760	86	111	60-140	25	30
Bromoform	ug/L	ND	2500	2500	2020	2570	81	103	60-140	24	30
Bromomethane	ug/L	ND	2500	2500	2130	2680	85	107	60-140	23	30
Carbon tetrachloride	ug/L	ND	2500	2500	2120	2730	85	109	60-140	25	30
Chlorobenzene	ug/L	ND	2500	2500	2240	2850	90	114	60-140	24	30
Chloroethane	ug/L	ND	2500	2500	2290	2830	92	113	60-140	21	30
Chloroform	ug/L	ND	2500	2500	2080	2700	83	108	60-140	26	30
Chloromethane	ug/L	ND	2500	2500	2160	2830	86	113	60-140	27	30
cis-1,2-Dichloroethene	ug/L	ND	2500	2500	2560	3260	102	130	60-140	24	30
cis-1,3-Dichloropropene	ug/L	ND	2500	2500	2220	2830	89	113	60-140	24	30
Dibromochloromethane	ug/L	ND	2500	2500	2280	2950	91	118	60-140	26	30
Dibromomethane	ug/L	ND	2500	2500	2130	2610	85	104	60-140	20	30
Dichlorodifluoromethane	ug/L	ND	2500	2500	2040	2680	81	107	60-140	27	30
Diisopropyl ether	ug/L	632	2500	2500	3190	4390	102	150	60-140	32	30 M1, R1
Ethylbenzene	ug/L	ND	2500	2500	2290	2880	91	114	60-140	23	30
Hexachloro-1,3-butadiene	ug/L	ND	2500	2500	2010	2460	81	98	60-140	20	30
Isopropylbenzene (Cumene)	ug/L	ND	2500	2500	2200	2810	88	112	60-140	24	30
m&p-Xylene	ug/L	143	5000	5000	4650	5880	90	115	60-140	23	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536429

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3251899 3251900												
		92534964003	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Parameter	Units	Result										
Methyl-tert-butyl ether	ug/L	15000	2500	2500	17400	27700	96	509	60-140	46	30	E,M1, R1
Methylene Chloride	ug/L	ND	2500	2500	2640	3380	96	126	60-140	25	30	
n-Butylbenzene	ug/L	ND	2500	2500	2070	2660	83	106	60-140	25	30	
n-Propylbenzene	ug/L	ND	2500	2500	2220	2740	89	109	60-140	21	30	
Naphthalene	ug/L	ND	2500	2500	1640	2140	61	81	60-140	26	30	
o-Xylene	ug/L	ND	2500	2500	2180	2800	85	110	60-140	25	30	
sec-Butylbenzene	ug/L	ND	2500	2500	2190	2710	88	108	60-140	21	30	
Styrene	ug/L	ND	2500	2500	2190	2780	87	111	60-140	24	30	
tert-Butylbenzene	ug/L	ND	2500	2500	1850	2290	74	92	60-140	22	30	
Tetrachloroethene	ug/L	ND	2500	2500	2260	2880	91	115	60-140	24	30	
Toluene	ug/L	ND	2500	2500	2210	2810	86	111	60-140	24	30	
trans-1,2-Dichloroethene	ug/L	ND	2500	2500	2600	3410	104	136	60-140	27	30	
trans-1,3-Dichloropropene	ug/L	ND	2500	2500	2110	2690	84	108	60-140	24	30	
Trichloroethene	ug/L	ND	2500	2500	2200	2750	88	110	60-140	22	30	
Trichlorofluoromethane	ug/L	ND	2500	2500	2000	2610	80	104	60-140	26	30	
Vinyl chloride	ug/L	ND	2500	2500	2240	3060	89	122	60-140	31	30	R1
1,2-Dichloroethane-d4 (S)	%						102	103	70-130			
4-Bromofluorobenzene (S)	%						99	100	70-130			
Toluene-d8 (S)	%						101	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)
Pace Project No.: 92536429

QC Batch:	618323	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92536429001

METHOD BLANK: 3253184 Matrix: Water

Associated Lab Samples: 92536429001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/05/21 11:52	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/05/21 11:52	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/05/21 11:52	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/05/21 11:52	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/05/21 11:52	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/05/21 11:52	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/05/21 11:52	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/05/21 11:52	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/05/21 11:52	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/05/21 11:52	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/05/21 11:52	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/05/21 11:52	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/05/21 11:52	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/05/21 11:52	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/05/21 11:52	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/05/21 11:52	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/05/21 11:52	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/05/21 11:52	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/05/21 11:52	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/05/21 11:52	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/05/21 11:52	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/05/21 11:52	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/05/21 11:52	
Benzene	ug/L	ND	0.50	0.34	05/05/21 11:52	
Bromobenzene	ug/L	ND	0.50	0.29	05/05/21 11:52	
Bromochloromethane	ug/L	ND	0.50	0.47	05/05/21 11:52	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/05/21 11:52	
Bromoform	ug/L	ND	0.50	0.34	05/05/21 11:52	
Bromomethane	ug/L	ND	5.0	1.7	05/05/21 11:52	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/05/21 11:52	
Chlorobenzene	ug/L	ND	0.50	0.28	05/05/21 11:52	
Chloroethane	ug/L	ND	1.0	0.65	05/05/21 11:52	
Chloroform	ug/L	ND	0.50	0.35	05/05/21 11:52	
Chloromethane	ug/L	ND	1.0	0.54	05/05/21 11:52	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/05/21 11:52	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/05/21 11:52	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/05/21 11:52	
Dibromomethane	ug/L	ND	0.50	0.39	05/05/21 11:52	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/05/21 11:52	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/05/21 11:52	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536429

METHOD BLANK: 3253184

Matrix: Water

Associated Lab Samples: 92536429001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/05/21 11:52	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/05/21 11:52	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/05/21 11:52	
m&p-Xylene	ug/L	ND	1.0	0.71	05/05/21 11:52	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/05/21 11:52	
Methylene Chloride	ug/L	ND	2.0	2.0	05/05/21 11:52	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/05/21 11:52	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/05/21 11:52	
Naphthalene	ug/L	ND	2.0	0.64	05/05/21 11:52	
o-Xylene	ug/L	ND	0.50	0.34	05/05/21 11:52	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/05/21 11:52	
Styrene	ug/L	ND	0.50	0.29	05/05/21 11:52	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/05/21 11:52	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/05/21 11:52	
Toluene	ug/L	ND	0.50	0.48	05/05/21 11:52	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/05/21 11:52	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/05/21 11:52	
Trichloroethene	ug/L	ND	0.50	0.38	05/05/21 11:52	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/05/21 11:52	
Vinyl chloride	ug/L	ND	1.0	0.39	05/05/21 11:52	
1,2-Dichloroethane-d4 (S)	%	104	70-130		05/05/21 11:52	
4-Bromofluorobenzene (S)	%	100	70-130		05/05/21 11:52	
Toluene-d8 (S)	%	98	70-130		05/05/21 11:52	

LABORATORY CONTROL SAMPLE: 3253185

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	50.0	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	50.1	100	60-140	
1,1,2-Trichloroethane	ug/L	50	49.8	100	60-140	
1,1-Dichloroethane	ug/L	50	55.6	111	60-140	
1,1-Dichloroethene	ug/L	50	57.4	115	60-140	
1,1-Dichloropropene	ug/L	50	53.6	107	60-140	
1,2,3-Trichlorobenzene	ug/L	50	43.8	88	60-140	
1,2,3-Trichloropropane	ug/L	50	48.7	97	60-140	
1,2,4-Trichlorobenzene	ug/L	50	45.3	91	60-140	
1,2,4-Trimethylbenzene	ug/L	50	49.9	100	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	51.3	103	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	51.9	104	60-140	
1,2-Dichlorobenzene	ug/L	50	45.2	90	60-140	
1,2-Dichloroethane	ug/L	50	43.5	87	60-140	
1,2-Dichloropropane	ug/L	50	52.7	105	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.1	98	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536429

LABORATORY CONTROL SAMPLE: 3253185

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	46.1	92	60-140	
1,3-Dichloropropane	ug/L	50	54.6	109	60-140	
1,4-Dichlorobenzene	ug/L	50	45.7	91	60-140	
2,2-Dichloropropane	ug/L	50	51.6	103	60-140	
2-Chlorotoluene	ug/L	50	50.9	102	60-140	
4-Chlorotoluene	ug/L	50	47.7	95	60-140	
Benzene	ug/L	50	52.3	105	60-140	
Bromobenzene	ug/L	50	48.3	97	60-140	
Bromochloromethane	ug/L	50	51.4	103	60-140	
Bromodichloromethane	ug/L	50	49.2	98	60-140	
Bromoform	ug/L	50	50.4	101	60-140	
Bromomethane	ug/L	50	41.6	83	60-140	
Carbon tetrachloride	ug/L	50	47.8	96	60-140	
Chlorobenzene	ug/L	50	49.7	99	60-140	
Chloroethane	ug/L	50	39.6	79	60-140	
Chloroform	ug/L	50	46.8	94	60-140	
Chloromethane	ug/L	50	64.1	128	60-140	
cis-1,2-Dichloroethene	ug/L	50	55.2	110	60-140	
cis-1,3-Dichloropropene	ug/L	50	53.6	107	60-140	
Dibromochloromethane	ug/L	50	54.2	108	60-140	
Dibromomethane	ug/L	50	44.9	90	60-140	
Dichlorodifluoromethane	ug/L	50	48.7	97	60-140	
Diisopropyl ether	ug/L	50	58.5	117	60-140	
Ethylbenzene	ug/L	50	49.6	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	47.4	95	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.4	97	60-140	
m&p-Xylene	ug/L	100	99.5	99	60-140	
Methyl-tert-butyl ether	ug/L	50	48.7	97	60-140	
Methylene Chloride	ug/L	50	55.1	110	60-140	
n-Butylbenzene	ug/L	50	48.7	97	60-140	
n-Propylbenzene	ug/L	50	49.6	99	60-140	
Naphthalene	ug/L	50	44.1	88	60-140	
o-Xylene	ug/L	50	48.3	97	60-140	
sec-Butylbenzene	ug/L	50	47.5	95	60-140	
Styrene	ug/L	50	50.7	101	60-140	
tert-Butylbenzene	ug/L	50	40.6	81	60-140	
Tetrachloroethene	ug/L	50	49.1	98	60-140	
Toluene	ug/L	50	49.2	98	60-140	
trans-1,2-Dichloroethene	ug/L	50	56.9	114	60-140	
trans-1,3-Dichloropropene	ug/L	50	51.6	103	60-140	
Trichloroethene	ug/L	50	47.6	95	60-140	
Trichlorofluoromethane	ug/L	50	37.3	75	60-140	
Vinyl chloride	ug/L	50	58.9	118	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536429

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3253186	3253187									
Parameter	Units	92536183003	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
1,1,1,2-Tetrachloroethane	ug/L	ND	500	500	551	558	110	112	60-140	1	30	M1	
1,1,1-Trichloroethane	ug/L	ND	500	500	592	613	118	123	60-140	3	30		
1,1,2,2-Tetrachloroethane	ug/L	ND	500	500	577	551	115	110	60-140	5	30		
1,1,2-Trichloroethane	ug/L	ND	500	500	579	568	116	114	60-140	2	30		
1,1-Dichloroethane	ug/L	ND	500	500	672	674	134	135	60-140	0	30		
1,1-Dichloroethene	ug/L	ND	500	500	714	703	143	141	60-140	2	30		
1,1-Dichloropropene	ug/L	ND	500	500	649	645	130	129	60-140	1	30		
1,2,3-Trichlorobenzene	ug/L	ND	500	500	432	482	86	96	60-140	11	30		
1,2,3-Trichloropropane	ug/L	ND	500	500	557	539	111	108	60-140	3	30		
1,2,4-Trichlorobenzene	ug/L	ND	500	500	461	493	92	99	60-140	7	30		
1,2,4-Trimethylbenzene	ug/L	ND	500	500	558	568	112	114	60-140	2	30		
1,2-Dibromo-3-chloropropane	ug/L	ND	500	500	510	534	102	107	60-140	5	30		
1,2-Dibromoethane (EDB)	ug/L	ND	500	500	603	605	121	121	60-140	0	30		
1,2-Dichlorobenzene	ug/L	ND	500	500	487	502	97	100	60-140	3	30		
1,2-Dichloroethane	ug/L	ND	500	500	510	520	102	104	60-140	2	30		
1,2-Dichloropropane	ug/L	ND	500	500	644	657	129	131	60-140	2	30		
1,3,5-Trimethylbenzene	ug/L	ND	500	500	563	571	113	114	60-140	1	30		
1,3-Dichlorobenzene	ug/L	ND	500	500	497	505	99	101	60-140	2	30		
1,3-Dichloropropane	ug/L	ND	500	500	648	644	130	129	60-140	1	30		
1,4-Dichlorobenzene	ug/L	ND	500	500	490	508	98	102	60-140	4	30		
2,2-Dichloropropane	ug/L	ND	500	500	513	528	103	106	60-140	3	30		
2-Chlorotoluene	ug/L	ND	500	500	564	576	113	115	60-140	2	30		
4-Chlorotoluene	ug/L	ND	500	500	538	546	108	109	60-140	2	30		
Benzene	ug/L	ND	500	500	622	617	124	123	60-140	1	30		
Bromobenzene	ug/L	ND	500	500	545	564	109	113	60-140	3	30		
Bromochloromethane	ug/L	ND	500	500	586	606	117	121	60-140	3	30		
Bromodichloromethane	ug/L	ND	500	500	567	567	113	113	60-140	0	30		
Bromoform	ug/L	ND	500	500	513	510	103	102	60-140	1	30		
Bromomethane	ug/L	ND	500	500	474	557	95	111	60-140	16	30		
Carbon tetrachloride	ug/L	ND	500	500	546	550	109	110	60-140	1	30		
Chlorobenzene	ug/L	ND	500	500	577	578	115	116	60-140	0	30		
Chloroethane	ug/L	ND	500	500	557	580	111	116	60-140	4	30		
Chloroform	ug/L	ND	500	500	542	550	108	110	60-140	1	30		
Chloromethane	ug/L	ND	500	500	709	694	142	139	60-140	2	30		
cis-1,2-Dichloroethene	ug/L	ND	500	500	659	681	132	136	60-140	3	30		
cis-1,3-Dichloropropene	ug/L	ND	500	500	554	582	111	116	60-140	5	30		
Dibromochloromethane	ug/L	ND	500	500	588	602	118	120	60-140	2	30		
Dibromomethane	ug/L	ND	500	500	533	528	107	106	60-140	1	30		
Dichlorodifluoromethane	ug/L	ND	500	500	555	546	111	109	60-140	2	30		
Diisopropyl ether	ug/L	99.9	500	500	789	808	138	142	60-140	2	30		
Ethylbenzene	ug/L	ND	500	500	583	580	117	116	60-140	1	30		
Hexachloro-1,3-butadiene	ug/L	ND	500	500	527	558	105	112	60-140	6	30		
Isopropylbenzene (Cumene)	ug/L	ND	500	500	569	557	114	111	60-140	2	30		
m&p-Xylene	ug/L	ND	1000	1000	1160	1150	116	115	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536429

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253186 3253187											
Parameter	Units	92536183003	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
		Result	Spike	Spike							
Methyl-tert-butyl ether	ug/L	3400	500	500	4080	4070	137	135	60-140	0	30
Methylene Chloride	ug/L	148	500	500	785	764	127	123	60-140	3	30
n-Butylbenzene	ug/L	ND	500	500	543	557	109	111	60-140	3	30
n-Propylbenzene	ug/L	ND	500	500	567	571	113	114	60-140	1	30
Naphthalene	ug/L	ND	500	500	415	459	83	92	60-140	10	30
o-Xylene	ug/L	ND	500	500	553	549	111	110	60-140	1	30
sec-Butylbenzene	ug/L	ND	500	500	553	561	111	112	60-140	1	30
Styrene	ug/L	ND	500	500	559	550	112	110	60-140	2	30
tert-Butylbenzene	ug/L	ND	500	500	477	485	95	97	60-140	2	30
Tetrachloroethene	ug/L	ND	500	500	574	570	115	114	60-140	1	30
Toluene	ug/L	ND	500	500	548	574	110	115	60-140	5	30
trans-1,2-Dichloroethene	ug/L	ND	500	500	685	690	137	138	60-140	1	30
trans-1,3-Dichloropropene	ug/L	ND	500	500	538	543	108	109	60-140	1	30
Trichloroethene	ug/L	ND	500	500	557	557	111	111	60-140	0	30
Trichlorofluoromethane	ug/L	ND	500	500	518	525	104	105	60-140	1	30
Vinyl chloride	ug/L	ND	500	500	709	692	142	138	60-140	3	30 M1
1,2-Dichloroethane-d4 (S)	%						100	102	70-130		
4-Bromofluorobenzene (S)	%						99	96	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536429

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.

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville (5/3/21)

Pace Project No.: 92536429

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92536429001	MW-67	MADEP VPH	617857		
92536429002	MW-42	MADEP VPH	617857		
92536429001	MW-67	EPA 3010A	618025	EPA 6010D	618226
92536429002	MW-42	EPA 3010A	618025	EPA 6010D	618226
92536429001	MW-67	SM 6200B	618323		
92536429002	MW-42	SM 6200B	618075		
92536429003	Trip Blank	SM 6200B	618075		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



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# : 92536429

Courier:

☐ Commercial

☐ Fed Ex

☐ Pace

☐ UPS

☐ USPS

☐ Other:

☒ Client



92536429

Custody Seal Present?

☐ Yes

☒ No

Seals Intact?

☐ Yes

☒ No

Date/Initials Person Examining Contents:

4/21/18

Packing Material:

☐ Bubble Wrap

☒ Bubble Bags

☐ None

☐ Other

Thermometer:

☒ IR Gun ID:

927064

Type of Ice:

☒ Wet

☐ Blue

☐ None

Biological Tissue Frozen?

☐ Yes

☐ No

☒ N/A

Cooler Temp:

4.1

Correction Factor:

Add/Subtract (°C) 0.0°C

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:	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:



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 Carolina's 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# : 92536429

PM: NMG

Due Date: 05/06/21

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)	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.

CHAIN-OF-CUSTODY / Analytical Request Document
The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed

Section A		Section B		Section C		
Required Client Information:		Required Project Information:		Invoice Information:		Page : 1 Of 1
Company:	AECOM	Report To:	Andrew Wreschig	Attention:		Regulatory Agency
Address:	6000 Fairview Road Suite 200, Charlotte, NC 28226	Copy To:		Company Name:		
Email:		Purchase Order #:		Address:		
Phone:	(704)522-0330	Fax:		Pace Quote:		
Requested Due Date:		Project Name:	CPC Huntersville	Pace Project Manager:	nichole.gasiorowski@paceclabs.com,	
		Project #:		Pace Profile #:	12518	
						State / Location
						NC

[illegible]

May 07, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC Huntersville (5/4/21)
Pace Project No.: 92536746

Dear Andrew Wreschnig:

Enclosed are the analytical results for sample(s) received by the laboratory on May 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 - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,



Nicole Gasiorowski
nicole.gasiorowski@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: 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 (5/4/21)

Pace Project No.: 92536746

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536746

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92536746001	MW-19	Water	05/04/21 13:30	05/04/21 16:15
92536746002	MW-31	Water	05/04/21 11:10	05/04/21 16:15
92536746003	Trip Blank	Water	05/04/21 00:00	05/04/21 16:15

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536746

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92536746001	MW-19	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92536746002	MW-31	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92536746003	Trip Blank	SM 6200B	PM1	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536746

Sample: MW-19		Lab ID: 92536746001		Collected: 05/04/21 13:30		Received: 05/04/21 16:15		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)	64500	ug/L	1000	1000	20		05/06/21 15:54		N2
Aliphatic (C05-C08)	56000	ug/L	1000	1000	20		05/06/21 15:54		N2
Aliphatic (C09-C12)	8520	ug/L	1000	1000	20		05/06/21 15:54		N2
Aliphatic(C09-C12) Adjusted	7690	ug/L	1000	1000	20		05/06/21 15:54		N2
Aromatic (C09-C10)	ND	ug/L	1000	1000	20		05/06/21 15:54		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		20		05/06/21 15:54	460-00-4	
4-Bromofluorobenzene (PID) (S)	101	%	70-130		20		05/06/21 15:54	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	05/06/21 12:07	05/07/21 11:14	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	4330	ug/L	25.0	17.2	50		05/05/21 15:22	71-43-2	
Bromobenzene	ND	ug/L	25.0	14.5	50		05/05/21 15:22	108-86-1	
Bromochloromethane	ND	ug/L	25.0	23.4	50		05/05/21 15:22	74-97-5	
Bromodichloromethane	ND	ug/L	25.0	15.4	50		05/05/21 15:22	75-27-4	
Bromoform	ND	ug/L	25.0	17.0	50		05/05/21 15:22	75-25-2	
Bromomethane	ND	ug/L	250	83.0	50		05/05/21 15:22	74-83-9	
n-Butylbenzene	ND	ug/L	25.0	24.5	50		05/05/21 15:22	104-51-8	
sec-Butylbenzene	ND	ug/L	25.0	20.0	50		05/05/21 15:22	135-98-8	
tert-Butylbenzene	ND	ug/L	25.0	16.2	50		05/05/21 15:22	98-06-6	
Carbon tetrachloride	ND	ug/L	25.0	16.6	50		05/05/21 15:22	56-23-5	
Chlorobenzene	ND	ug/L	25.0	14.2	50		05/05/21 15:22	108-90-7	
Chloroethane	ND	ug/L	50.0	32.4	50		05/05/21 15:22	75-00-3	
Chloroform	ND	ug/L	25.0	17.6	50		05/05/21 15:22	67-66-3	
Chloromethane	ND	ug/L	50.0	27.0	50		05/05/21 15:22	74-87-3	
2-Chlorotoluene	ND	ug/L	25.0	16.0	50		05/05/21 15:22	95-49-8	
4-Chlorotoluene	ND	ug/L	25.0	16.2	50		05/05/21 15:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	50.0	17.0	50		05/05/21 15:22	96-12-8	
Dibromochloromethane	ND	ug/L	25.0	18.0	50		05/05/21 15:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	25.0	13.6	50		05/05/21 15:22	106-93-4	
Dibromomethane	ND	ug/L	25.0	19.7	50		05/05/21 15:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	25.0	17.0	50		05/05/21 15:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	25.0	17.0	50		05/05/21 15:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	25.0	16.6	50		05/05/21 15:22	106-46-7	
Dichlorodifluoromethane	ND	ug/L	25.0	17.3	50		05/05/21 15:22	75-71-8	
1,1-Dichloroethane	ND	ug/L	25.0	18.4	50		05/05/21 15:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	25.0	16.1	50		05/05/21 15:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	25.0	17.4	50		05/05/21 15:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	25.0	19.2	50		05/05/21 15:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	25.0	19.8	50		05/05/21 15:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	25.0	17.8	50		05/05/21 15:22	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536746

Sample: MW-19		Lab ID: 92536746001		Collected: 05/04/21 13:30		Received: 05/04/21 16:15		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	25.0	14.2	50		05/05/21 15:22	142-28-9	
2,2-Dichloropropane	ND	ug/L	25.0	19.4	50		05/05/21 15:22	594-20-7	
1,1-Dichloropropene	ND	ug/L	25.0	21.4	50		05/05/21 15:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	25.0	18.2	50		05/05/21 15:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	25.0	18.2	50		05/05/21 15:22	10061-02-6	
Diisopropyl ether	346	ug/L	25.0	15.4	50		05/05/21 15:22	108-20-3	
Ethylbenzene	358	ug/L	25.0	15.2	50		05/05/21 15:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	100	76.5	50		05/05/21 15:22	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	25.0	16.6	50		05/05/21 15:22	98-82-8	
Methylene Chloride	ND	ug/L	100	97.5	50		05/05/21 15:22	75-09-2	
Methyl-tert-butyl ether	99.9	ug/L	25.0	21.1	50		05/05/21 15:22	1634-04-4	
Naphthalene	88.3J	ug/L	100	32.2	50		05/05/21 15:22	91-20-3	
n-Propylbenzene	ND	ug/L	25.0	17.0	50		05/05/21 15:22	103-65-1	
Styrene	ND	ug/L	25.0	14.6	50		05/05/21 15:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	25.0	15.6	50		05/05/21 15:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	25.0	11.2	50		05/05/21 15:22	79-34-5	
Tetrachloroethene	ND	ug/L	25.0	14.6	50		05/05/21 15:22	127-18-4	
Toluene	6300	ug/L	25.0	24.2	50		05/05/21 15:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	100	40.3	50		05/05/21 15:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	100	32.0	50		05/05/21 15:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	25.0	16.6	50		05/05/21 15:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	25.0	16.2	50		05/05/21 15:22	79-00-5	
Trichloroethene	ND	ug/L	25.0	19.2	50		05/05/21 15:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	50.0	14.9	50		05/05/21 15:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	25.0	13.0	50		05/05/21 15:22	96-18-4	
1,2,4-Trimethylbenzene	256	ug/L	25.0	24.8	50		05/05/21 15:22	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	25.0	16.6	50		05/05/21 15:22	108-67-8	
Vinyl chloride	ND	ug/L	50.0	19.3	50		05/05/21 15:22	75-01-4	
m&p-Xylene	1970	ug/L	50.0	35.4	50		05/05/21 15:22	179601-23-1	
o-Xylene	1090	ug/L	25.0	16.9	50		05/05/21 15:22	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%	70-130		50		05/05/21 15:22	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		50		05/05/21 15:22	460-00-4	
Toluene-d8 (S)	98	%	70-130		50		05/05/21 15:22	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536746

Sample: MW-31 Lab ID: 92536746002 Collected: 05/04/21 11:10 Received: 05/04/21 16:15 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		05/06/21 14:57		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/06/21 14:57		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/06/21 14:57		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/06/21 14:57		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/06/21 14:57		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		05/06/21 14:57	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		05/06/21 14:57	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	05/06/21 12:07	05/07/21 11:18	7439-92-1	
6200B MSV Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/05/21 12:59	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/05/21 12:59	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/05/21 12:59	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/05/21 12:59	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/05/21 12:59	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/05/21 12:59	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/05/21 12:59	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/05/21 12:59	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/05/21 12:59	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/05/21 12:59	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/05/21 12:59	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/05/21 12:59	75-00-3	
Chloroform	0.58	ug/L	0.50	0.35	1		05/05/21 12:59	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/05/21 12:59	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 12:59	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 12:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/05/21 12:59	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/05/21 12:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/05/21 12:59	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/05/21 12:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 12:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 12:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/05/21 12:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/05/21 12:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/05/21 12:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 12:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/05/21 12:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 12:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/05/21 12:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/05/21 12:59	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536746

Sample: MW-31		Lab ID: 92536746002		Collected: 05/04/21 11:10		Received: 05/04/21 16:15		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/05/21 12:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/05/21 12:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/05/21 12:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 12:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 12:59	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/05/21 12:59	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/05/21 12:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/05/21 12:59	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/05/21 12:59	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/05/21 12:59	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/05/21 12:59	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/05/21 12:59	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/05/21 12:59	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/05/21 12:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/05/21 12:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/05/21 12:59	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/05/21 12:59	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/05/21 12:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/05/21 12:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/05/21 12:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/05/21 12:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 12:59	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 12:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/05/21 12:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/05/21 12:59	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/05/21 12:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/05/21 12:59	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/05/21 12:59	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/05/21 12:59	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/05/21 12:59	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		05/05/21 12:59	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		05/05/21 12:59	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/05/21 12:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536746

Sample: Trip Blank		Lab ID: 92536746003		Collected: 05/04/21 00:00		Received: 05/04/21 16:15		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		05/05/21 11:48	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/05/21 11:48	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/05/21 11:48	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/05/21 11:48	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/05/21 11:48	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/05/21 11:48	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/05/21 11:48	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/05/21 11:48	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/05/21 11:48	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/05/21 11:48	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/05/21 11:48	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/05/21 11:48	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/05/21 11:48	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/05/21 11:48	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 11:48	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 11:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/05/21 11:48	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/05/21 11:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/05/21 11:48	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/05/21 11:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 11:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 11:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/05/21 11:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/05/21 11:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/05/21 11:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 11:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/05/21 11:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 11:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/05/21 11:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/05/21 11:48	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/05/21 11:48	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/05/21 11:48	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/05/21 11:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 11:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 11:48	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/05/21 11:48	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/05/21 11:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/05/21 11:48	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/05/21 11:48	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/05/21 11:48	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/05/21 11:48	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/05/21 11:48	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/05/21 11:48	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/05/21 11:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/05/21 11:48	630-20-6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536746

Sample: Trip Blank		Lab ID: 92536746003		Collected: 05/04/21 00:00		Received: 05/04/21 16:15		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		05/05/21 11:48	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/05/21 11:48	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/05/21 11:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/05/21 11:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/05/21 11:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/05/21 11:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 11:48	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 11:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/05/21 11:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/05/21 11:48	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/05/21 11:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/05/21 11:48	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/05/21 11:48	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/05/21 11:48	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/05/21 11:48	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		05/05/21 11:48	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		05/05/21 11:48	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		05/05/21 11:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536746

QC Batch: 618715

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92536746001, 92536746002

METHOD BLANK: 3255362

Matrix: Water

Associated Lab Samples: 92536746001, 92536746002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/06/21 13:32	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/06/21 13:32	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/06/21 13:32	N2
4-Bromofluorobenzene (FID) (S)	%	101	70-130		05/06/21 13:32	
4-Bromofluorobenzene (PID) (S)	%	104	70-130		05/06/21 13:32	

LABORATORY CONTROL SAMPLE & LCSD: 3255363

3255364

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	350	342	117	114	70-130	2	25	N2
Aliphatic (C09-C12)	ug/L	300	333	340	111	113	70-130	2	25	N2
Aromatic (C09-C10)	ug/L	100	108	111	108	111	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				103	107	70-130			
4-Bromofluorobenzene (PID) (S)	%				103	107	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536746

QC Batch: 618340

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92536746001, 92536746002

METHOD BLANK: 3253246

Matrix: Water

Associated Lab Samples: 92536746001, 92536746002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	05/07/21 09:51	

LABORATORY CONTROL SAMPLE: 3253247

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	477	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253248 3253249

Parameter	Units	92536726001 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	479	464	96	92	75-125	3	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536746

QC Batch: 618326

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92536746001, 92536746002, 92536746003

METHOD BLANK: 3253193

Matrix: Water

Associated Lab Samples: 92536746001, 92536746002, 92536746003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/05/21 11:12	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/05/21 11:12	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/05/21 11:12	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/05/21 11:12	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/05/21 11:12	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/05/21 11:12	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/05/21 11:12	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/05/21 11:12	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/05/21 11:12	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/05/21 11:12	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/05/21 11:12	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/05/21 11:12	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/05/21 11:12	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/05/21 11:12	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/05/21 11:12	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/05/21 11:12	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/05/21 11:12	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/05/21 11:12	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/05/21 11:12	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/05/21 11:12	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/05/21 11:12	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/05/21 11:12	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/05/21 11:12	
Benzene	ug/L	ND	0.50	0.34	05/05/21 11:12	
Bromobenzene	ug/L	ND	0.50	0.29	05/05/21 11:12	
Bromochloromethane	ug/L	ND	0.50	0.47	05/05/21 11:12	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/05/21 11:12	
Bromoform	ug/L	ND	0.50	0.34	05/05/21 11:12	
Bromomethane	ug/L	ND	5.0	1.7	05/05/21 11:12	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/05/21 11:12	
Chlorobenzene	ug/L	ND	0.50	0.28	05/05/21 11:12	
Chloroethane	ug/L	ND	1.0	0.65	05/05/21 11:12	
Chloroform	ug/L	ND	0.50	0.35	05/05/21 11:12	
Chloromethane	ug/L	ND	1.0	0.54	05/05/21 11:12	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/05/21 11:12	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/05/21 11:12	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/05/21 11:12	
Dibromomethane	ug/L	ND	0.50	0.39	05/05/21 11:12	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/05/21 11:12	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/05/21 11:12	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536746

METHOD BLANK: 3253193

Matrix: Water

Associated Lab Samples: 92536746001, 92536746002, 92536746003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/05/21 11:12	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/05/21 11:12	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/05/21 11:12	
m&p-Xylene	ug/L	ND	1.0	0.71	05/05/21 11:12	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/05/21 11:12	
Methylene Chloride	ug/L	ND	2.0	2.0	05/05/21 11:12	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/05/21 11:12	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/05/21 11:12	
Naphthalene	ug/L	ND	2.0	0.64	05/05/21 11:12	
o-Xylene	ug/L	ND	0.50	0.34	05/05/21 11:12	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/05/21 11:12	
Styrene	ug/L	ND	0.50	0.29	05/05/21 11:12	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/05/21 11:12	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/05/21 11:12	
Toluene	ug/L	ND	0.50	0.48	05/05/21 11:12	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/05/21 11:12	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/05/21 11:12	
Trichloroethene	ug/L	ND	0.50	0.38	05/05/21 11:12	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/05/21 11:12	
Vinyl chloride	ug/L	ND	1.0	0.39	05/05/21 11:12	
1,2-Dichloroethane-d4 (S)	%	94	70-130		05/05/21 11:12	
4-Bromofluorobenzene (S)	%	103	70-130		05/05/21 11:12	
Toluene-d8 (S)	%	99	70-130		05/05/21 11:12	

LABORATORY CONTROL SAMPLE: 3253194

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	44.7	89	60-140	
1,1,1-Trichloroethane	ug/L	50	43.4	87	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	44.0	88	60-140	
1,1,2-Trichloroethane	ug/L	50	45.9	92	60-140	
1,1-Dichloroethane	ug/L	50	42.3	85	60-140	
1,1-Dichloroethene	ug/L	50	43.9	88	60-140	
1,1-Dichloropropene	ug/L	50	45.0	90	60-140	
1,2,3-Trichlorobenzene	ug/L	50	44.9	90	60-140	
1,2,3-Trichloropropane	ug/L	50	43.5	87	60-140	
1,2,4-Trichlorobenzene	ug/L	50	45.9	92	60-140	
1,2,4-Trimethylbenzene	ug/L	50	43.0	86	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	44.7	89	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	46.7	93	60-140	
1,2-Dichlorobenzene	ug/L	50	44.6	89	60-140	
1,2-Dichloroethane	ug/L	50	43.1	86	60-140	
1,2-Dichloropropane	ug/L	50	45.1	90	60-140	
1,3,5-Trimethylbenzene	ug/L	50	44.0	88	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536746

LABORATORY CONTROL SAMPLE: 3253194

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	45.1	90	60-140	
1,3-Dichloropropane	ug/L	50	45.6	91	60-140	
1,4-Dichlorobenzene	ug/L	50	44.5	89	60-140	
2,2-Dichloropropane	ug/L	50	40.7	81	60-140	
2-Chlorotoluene	ug/L	50	43.8	88	60-140	
4-Chlorotoluene	ug/L	50	42.0	84	60-140	
Benzene	ug/L	50	44.8	90	60-140	
Bromobenzene	ug/L	50	44.6	89	60-140	
Bromochloromethane	ug/L	50	44.7	89	60-140	
Bromodichloromethane	ug/L	50	42.5	85	60-140	
Bromoform	ug/L	50	44.6	89	60-140	
Bromomethane	ug/L	50	52.4	105	60-140	
Carbon tetrachloride	ug/L	50	46.3	93	60-140	
Chlorobenzene	ug/L	50	46.2	92	60-140	
Chloroethane	ug/L	50	39.4	79	60-140	
Chloroform	ug/L	50	42.9	86	60-140	
Chloromethane	ug/L	50	42.1	84	60-140	
cis-1,2-Dichloroethene	ug/L	50	43.5	87	60-140	
cis-1,3-Dichloropropene	ug/L	50	43.7	87	60-140	
Dibromochloromethane	ug/L	50	46.1	92	60-140	
Dibromomethane	ug/L	50	45.3	91	60-140	
Dichlorodifluoromethane	ug/L	50	49.3	99	60-140	
Diisopropyl ether	ug/L	50	38.3	77	60-140	
Ethylbenzene	ug/L	50	44.1	88	60-140	
Hexachloro-1,3-butadiene	ug/L	50	47.6	95	60-140	
Isopropylbenzene (Cumene)	ug/L	50	45.4	91	60-140	
m&p-Xylene	ug/L	100	89.1	89	60-140	
Methyl-tert-butyl ether	ug/L	50	44.9	90	60-140	
Methylene Chloride	ug/L	50	41.2	82	60-140	
n-Butylbenzene	ug/L	50	42.7	85	60-140	
n-Propylbenzene	ug/L	50	43.1	86	60-140	
Naphthalene	ug/L	50	44.8	90	60-140	
o-Xylene	ug/L	50	43.3	87	60-140	
sec-Butylbenzene	ug/L	50	42.8	86	60-140	
Styrene	ug/L	50	45.7	91	60-140	
tert-Butylbenzene	ug/L	50	36.5	73	60-140	
Tetrachloroethene	ug/L	50	47.8	96	60-140	
Toluene	ug/L	50	43.4	87	60-140	
trans-1,2-Dichloroethene	ug/L	50	43.5	87	60-140	
trans-1,3-Dichloropropene	ug/L	50	41.4	83	60-140	
Trichloroethene	ug/L	50	47.1	94	60-140	
Trichlorofluoromethane	ug/L	50	43.3	87	60-140	
Vinyl chloride	ug/L	50	44.8	90	60-140	
1,2-Dichloroethane-d4 (S)	%			93	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536746

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253195 3253196											
Parameter	Units	92536363001		MS		MSD		MS		MSD	
		Result	Conc.	Spike	Conc.	Result	Conc.	% Rec	% Rec	Limits	Max
											RPD
1,1,1,2-Tetrachloroethane	ug/L	<200	8000	8000	8000	9180	10600	115	132	60-140	14
1,1,1-Trichloroethane	ug/L	<200	8000	8000	8000	9740	10600	122	132	60-140	8
1,1,2,2-Tetrachloroethane	ug/L	<200	8000	8000	8000	9260	10300	116	129	60-140	11
1,1,2-Trichloroethane	ug/L	<200	8000	8000	8000	9920	11400	124	142	60-140	14
1,1-Dichloroethane	ug/L	<200	8000	8000	8000	9600	10600	120	132	60-140	10
1,1-Dichloroethene	ug/L	<200	8000	8000	8000	10400	11300	130	142	60-140	9
1,1-Dichloropropene	ug/L	<200	8000	8000	8000	10100	11200	127	140	60-140	10
1,2,3-Trichlorobenzene	ug/L	<800	8000	8000	8000	8220	9760	103	122	60-140	17
1,2,3-Trichloropropane	ug/L	<200	8000	8000	8000	9560	10500	119	132	60-140	10
1,2,4-Trichlorobenzene	ug/L	<800	8000	8000	8000	8480	10100	106	126	60-140	17
1,2,4-Trimethylbenzene	ug/L	641	8000	8000	8000	9080	10200	106	119	60-140	11
1,2-Dibromo-3-chloropropane	ug/L	<400	8000	8000	8000	8590	9700	107	121	60-140	12
1,2-Dibromoethane (EDB)	ug/L	<200	8000	8000	8000	10100	11100	126	139	60-140	9
1,2-Dichlorobenzene	ug/L	<200	8000	8000	8000	8810	9820	110	123	60-140	11
1,2-Dichloroethane	ug/L	<200	8000	8000	8000	9770	10900	122	136	60-140	11
1,2-Dichloropropane	ug/L	<200	8000	8000	8000	10200	11300	128	141	60-140	9
1,3,5-Trimethylbenzene	ug/L	393	8000	8000	8000	9080	10100	109	122	60-140	11
1,3-Dichlorobenzene	ug/L	<200	8000	8000	8000	8960	9920	112	124	60-140	10
1,3-Dichloropropane	ug/L	<200	8000	8000	8000	9980	11000	125	138	60-140	10
1,4-Dichlorobenzene	ug/L	<200	8000	8000	8000	8730	9780	109	122	60-140	11
2,2-Dichloropropane	ug/L	<200	8000	8000	8000	8920	9900	112	124	60-140	10
2-Chlorotoluene	ug/L	<200	8000	8000	8000	8830	9790	110	122	60-140	10
4-Chlorotoluene	ug/L	<200	8000	8000	8000	8290	9440	104	118	60-140	13
Benzene	ug/L	<200	8000	8000	8000	10000	11400	125	143	60-140	13
Bromobenzene	ug/L	<200	8000	8000	8000	9330	10200	117	128	60-140	9
Bromochloromethane	ug/L	<200	8000	8000	8000	10200	11300	127	141	60-140	10
Bromodichloromethane	ug/L	<200	8000	8000	8000	9100	10500	114	132	60-140	15
Bromoform	ug/L	<200	8000	8000	8000	8810	10000	110	125	60-140	13
Bromomethane	ug/L	<2000	8000	8000	8000	8210	10700	103	134	60-140	27
Carbon tetrachloride	ug/L	<200	8000	8000	8000	10300	11600	129	145	60-140	12
Chlorobenzene	ug/L	<200	8000	8000	8000	9820	10900	123	136	60-140	10
Chloroethane	ug/L	<400	8000	8000	8000	10400	10800	130	135	60-140	4
Chloroform	ug/L	<200	8000	8000	8000	9700	10500	121	132	60-140	8
Chloromethane	ug/L	<400	8000	8000	8000	8120	9330	102	117	60-140	14
cis-1,2-Dichloroethene	ug/L	<200	8000	8000	8000	9820	10500	123	132	60-140	7
cis-1,3-Dichloropropene	ug/L	<200	8000	8000	8000	9200	10600	115	132	60-140	14
Dibromochloromethane	ug/L	<200	8000	8000	8000	9560	10600	120	132	60-140	10
Dibromomethane	ug/L	<200	8000	8000	8000	9890	11400	124	142	60-140	14
Dichlorodifluoromethane	ug/L	<200	8000	8000	8000	11400	12400	143	154	60-140	8
Diisopropyl ether	ug/L	<200	8000	8000	8000	8410	9270	105	116	60-140	10
Ethylbenzene	ug/L	530	8000	8000	8000	10100	11100	120	132	60-140	9
Hexachloro-1,3-butadiene	ug/L	<800	8000	8000	8000	9260	10600	116	132	60-140	13
Isopropylbenzene (Cumene)	ug/L	<200	8000	8000	8000	9350	10500	117	131	60-140	12
m&p-Xylene	ug/L	721	16000	16000	16000	19400	21600	117	130	60-140	11

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536746

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253195 3253196											
Parameter	Units	92536363001		MS		MSD		MS		MSD	
		Result	Conc.	Spike	Conc.	Result	Conc.	% Rec	% Rec	Limits	Max
Methyl-tert-butyl ether	ug/L	46600	8000	8000	8000	59300	60100	159	169	60-140	1 30 M1
Methylene Chloride	ug/L	<800	8000	8000	8000	9830	10400	123	130	60-140	5 30
n-Butylbenzene	ug/L	<200	8000	8000	8000	8260	9380	103	117	60-140	13 30
n-Propylbenzene	ug/L	<200	8000	8000	8000	8700	9730	109	122	60-140	11 30
Naphthalene	ug/L	<800	8000	8000	8000	8460	9910	101	119	60-140	16 30
o-Xylene	ug/L	1500	8000	8000	8000	11100	12000	120	131	60-140	8 30
sec-Butylbenzene	ug/L	<200	8000	8000	8000	8500	9450	106	118	60-140	11 30
Styrene	ug/L	<200	8000	8000	8000	9840	10800	123	135	60-140	9 30
tert-Butylbenzene	ug/L	<200	8000	8000	8000	7410	8310	93	104	60-140	11 30
Tetrachloroethene	ug/L	<200	8000	8000	8000	9420	10700	118	134	60-140	13 30
Toluene	ug/L	247	8000	8000	8000	9590	10800	117	132	60-140	12 30
trans-1,2-Dichloroethene	ug/L	<200	8000	8000	8000	9940	10900	124	136	60-140	9 30
trans-1,3-Dichloropropene	ug/L	<200	8000	8000	8000	8830	10100	110	127	60-140	14 30
Trichloroethene	ug/L	<200	8000	8000	8000	10200	11700	127	146	60-140	14 30 M1
Trichlorofluoromethane	ug/L	<400	8000	8000	8000	10500	11200	131	140	60-140	6 30
Vinyl chloride	ug/L	<400	8000	8000	8000	10200	11200	127	140	60-140	10 30
1,2-Dichloroethane-d4 (S)	%							92	94	70-130	
4-Bromofluorobenzene (S)	%							102	98	70-130	
Toluene-d8 (S)	%							99	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536746

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville (5/4/21)

Pace Project No.: 92536746

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92536746001	MW-19	MADEP VPH	618715		
92536746002	MW-31	MADEP VPH	618715		
92536746001	MW-19	EPA 3010A	618340	EPA 6010D	618836
92536746002	MW-31	EPA 3010A	618340	EPA 6010D	618836
92536746001	MW-19	SM 6200B	618326		
92536746002	MW-31	SM 6200B	618326		
92536746003	Trip Blank	SM 6200B	618326		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☒ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition
Upon Receipt

Client Name:
AECOM

Project #
WO# : 92536746

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Other: ☐ Client ☐
☐ Commercial ☐ Pace ☐

Custody Seal Present? ☐ Yes ☒ No Seals Intact? ☐ Yes ☒ No



Date/Initials Person Examining Contents: **5/4/21 LB**

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ None ☐ Other
Thermometer: **927064** Type of Ice: ☒ Wet ☐ Blue ☐ None
☐ IR Gun ID: **3.1**

Biological Tissue Frozen?
☐ Yes ☐ No ☒ N/A

Cooler Temp: **3.1** Correction Factor: **3.1**
Add/Subtract (°C) **0.0°C**

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: WIP			
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		

Field Data Required? ☐ Yes ☒ No

COMMENTS/SAMPLE DISCREPANCY
We did not received a MW - 300

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____
Project Manager SRF Review: _____

Date: _____
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# : 92536746

PM: NMG

Due Date: 05/07/21

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-)	WGFU-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)	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.



The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

[illegible]

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	TEMP in C	SAMPLE CONDITIONS					
								Received on	Ice (Y/N)	Custody (Y/N)	Sealed	Cooler (Y/N)	Samples Initialed
	Emily R. Gore/AECOM	5/4/21		SR SR HLL	5/4/21	1615	3.1	✓	✓	✓	✓	✓	✓

SAMPLER NAME AND SIGNATURE	
PRINT Name of SAMPLER:	Emily Gore
SIGNATURE of SAMPLER:	Emily R. Gore
DATE Signed:	5/4/2021

Page 22 of 2

April 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.: 92534055

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on April 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
Robert Hughes, Colonial Pipeline
Margaret King, APEX Companies, LLC
Cameron Lee, Montrose-EPS
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92534055

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92534055

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92534055001	13926A_HC_RD_20210420	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	RDT	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92534055

Sample: 13926A_HC_RD_20210420		Lab ID: 92534055001		Collected: 04/20/21 12:15		Received: 04/20/21 13:05		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water		Analytical Method: MADEP VPH							
		Pace Analytical Services - Charlotte							
Aliphatic (C05-C08)		ND	ug/L	50.0	1		04/23/21 22:40		N2
Aliphatic (C09-C12)		ND	ug/L	50.0	1		04/23/21 22:40		N2
Aliphatic(C09-C12) Adjusted		ND	ug/L	50.0	1		04/23/21 22:40		N2
Aromatic (C09-C10)		ND	ug/L	50.0	1		04/23/21 22:40		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)		104	%	70-130	1		04/23/21 22:40	460-00-4	
4-Bromofluorobenzene (PID) (S)		104	%	70-130	1		04/23/21 22:40	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A							
		Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/21/21 01:46	04/26/21 00:45	7439-92-1		
6200B MSV		Analytical Method: SM 6200B							
		Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/21/21 14:56	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/21/21 14:56	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/21/21 14:56	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/21/21 14:56	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/21/21 14:56	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/21/21 14:56	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/21/21 14:56	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/21/21 14:56	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/21/21 14:56	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/21/21 14:56	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/21/21 14:56	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/21/21 14:56	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/21/21 14:56	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/21/21 14:56	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/21/21 14:56	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/21/21 14:56	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/21/21 14:56	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/21/21 14:56	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/21/21 14:56	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/21/21 14:56	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/21/21 14:56	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/21/21 14:56	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/21/21 14:56	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/21/21 14:56	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/21/21 14:56	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/21/21 14:56	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/21/21 14:56	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/21/21 14:56	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/21/21 14:56	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/21/21 14:56	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/21/21 14:56	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/21/21 14:56	594-20-7		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92534055

Sample: 13926A_HC_RD_20210420		Lab ID: 92534055001		Collected: 04/20/21 12:15		Received: 04/20/21 13:05		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1-Dichloropropene	ND	ug/L	0.50	1		04/21/21 14:56	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/21/21 14:56	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/21/21 14:56	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/21/21 14:56	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/21/21 14:56	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/21/21 14:56	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/21/21 14:56	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/21/21 14:56	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/21/21 14:56	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/21/21 14:56	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/21/21 14:56	103-65-1		
Styrene	ND	ug/L	0.50	1		04/21/21 14:56	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/21/21 14:56	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/21/21 14:56	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/21/21 14:56	127-18-4		
Toluene	ND	ug/L	0.50	1		04/21/21 14:56	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/21/21 14:56	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/21/21 14:56	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/21/21 14:56	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/21/21 14:56	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/21/21 14:56	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/21/21 14:56	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/21/21 14:56	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/21/21 14:56	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/21/21 14:56	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/21/21 14:56	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/21/21 14:56	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/21/21 14:56	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130	1		04/21/21 14:56	17060-07-0		
4-Bromofluorobenzene (S)	92	%	70-130	1		04/21/21 14:56	460-00-4		
Toluene-d8 (S)	100	%	70-130	1		04/21/21 14:56	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92534055

QC Batch: 615929	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92534055001

METHOD BLANK: 3241323 Matrix: Water
Associated Lab Samples: 92534055001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/23/21 16:28	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/23/21 16:28	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/23/21 16:28	N2
4-Bromofluorobenzene (FID) (S)	%	102	70-130	04/23/21 16:28	
4-Bromofluorobenzene (PID) (S)	%	102	70-130	04/23/21 16:28	

LABORATORY CONTROL SAMPLE & LCSD: 3241324

LABORATORY CONTROL SAMPLE & LCSD: 3241324			3241325							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	289	324	96	108	70-130	12	25	N2
Aliphatic (C09-C12)	ug/L	300	273	316	91	105	70-130	15	25	N2
Aromatic (C09-C10)	ug/L	100	96.8	111	97	111	70-130	14	25	N2
4-Bromofluorobenzene (FID) (S)	%				104	100	70-130			
4-Bromofluorobenzene (PID) (S)	%				103	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92534055

QC Batch: 615058

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92534055001

METHOD BLANK: 3236811

Matrix: Water

Associated Lab Samples: 92534055001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/26/21 18:05	

LABORATORY CONTROL SAMPLE: 3236812

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	495	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3236813 3236814

Parameter	Units	92533772001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Lead	ug/L	ND	500	500	488	488	97	97	75-125	0	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92534055

QC Batch:	615118	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92534055001

METHOD BLANK: 3236943 Matrix: Water
Associated Lab Samples: 92534055001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,1-Dichloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,1-Dichloroethene	ug/L	ND	0.50	04/21/21 12:50	
1,1-Dichloropropene	ug/L	ND	0.50	04/21/21 12:50	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/21/21 12:50	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/21/21 12:50	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/21/21 12:50	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/21/21 12:50	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/21/21 12:50	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/21/21 12:50	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/21/21 12:50	
1,2-Dichloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,2-Dichloropropane	ug/L	ND	0.50	04/21/21 12:50	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/21/21 12:50	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/21/21 12:50	
1,3-Dichloropropane	ug/L	ND	0.50	04/21/21 12:50	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/21/21 12:50	
2,2-Dichloropropane	ug/L	ND	0.50	04/21/21 12:50	
2-Chlorotoluene	ug/L	ND	0.50	04/21/21 12:50	
4-Chlorotoluene	ug/L	ND	0.50	04/21/21 12:50	
Benzene	ug/L	ND	0.50	04/21/21 12:50	
Bromobenzene	ug/L	ND	0.50	04/21/21 12:50	
Bromochloromethane	ug/L	ND	0.50	04/21/21 12:50	
Bromodichloromethane	ug/L	ND	0.50	04/21/21 12:50	
Bromoform	ug/L	ND	0.50	04/21/21 12:50	
Bromomethane	ug/L	ND	5.0	04/21/21 12:50	
Carbon tetrachloride	ug/L	ND	0.50	04/21/21 12:50	
Chlorobenzene	ug/L	ND	0.50	04/21/21 12:50	
Chloroethane	ug/L	ND	1.0	04/21/21 12:50	
Chloroform	ug/L	ND	0.50	04/21/21 12:50	
Chloromethane	ug/L	ND	1.0	04/21/21 12:50	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/21/21 12:50	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/21/21 12:50	
Dibromochloromethane	ug/L	ND	0.50	04/21/21 12:50	
Dibromomethane	ug/L	ND	0.50	04/21/21 12:50	
Dichlorodifluoromethane	ug/L	ND	0.50	04/21/21 12:50	
Diisopropyl ether	ug/L	ND	0.50	04/21/21 12:50	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92534055

METHOD BLANK: 3236943

Matrix: Water

Associated Lab Samples: 92534055001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/21/21 12:50	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/21/21 12:50	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/21/21 12:50	
m&p-Xylene	ug/L	ND	1.0	04/21/21 12:50	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/21/21 12:50	
Methylene Chloride	ug/L	ND	2.0	04/21/21 12:50	
n-Butylbenzene	ug/L	ND	0.50	04/21/21 12:50	
n-Propylbenzene	ug/L	ND	0.50	04/21/21 12:50	
Naphthalene	ug/L	ND	2.0	04/21/21 12:50	
o-Xylene	ug/L	ND	0.50	04/21/21 12:50	
sec-Butylbenzene	ug/L	ND	0.50	04/21/21 12:50	
Styrene	ug/L	ND	0.50	04/21/21 12:50	
tert-Butylbenzene	ug/L	ND	0.50	04/21/21 12:50	
Tetrachloroethene	ug/L	ND	0.50	04/21/21 12:50	
Toluene	ug/L	ND	0.50	04/21/21 12:50	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/21/21 12:50	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/21/21 12:50	
Trichloroethene	ug/L	ND	0.50	04/21/21 12:50	
Trichlorofluoromethane	ug/L	ND	1.0	04/21/21 12:50	
Vinyl chloride	ug/L	ND	1.0	04/21/21 12:50	
1,2-Dichloroethane-d4 (S)	%	96	70-130	04/21/21 12:50	
4-Bromofluorobenzene (S)	%	93	70-130	04/21/21 12:50	
Toluene-d8 (S)	%	101	70-130	04/21/21 12:50	

LABORATORY CONTROL SAMPLE: 3236944

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	50.4	101	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	52.3	105	60-140	
1,1,2-Trichloroethane	ug/L	50	50.9	102	60-140	
1,1-Dichloroethane	ug/L	50	51.4	103	60-140	
1,1-Dichloroethene	ug/L	50	53.6	107	60-140	
1,1-Dichloropropene	ug/L	50	50.1	100	60-140	
1,2,3-Trichlorobenzene	ug/L	50	47.1	94	60-140	
1,2,3-Trichloropropane	ug/L	50	53.3	107	60-140	
1,2,4-Trichlorobenzene	ug/L	50	47.9	96	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.8	98	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	55.2	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	55.8	112	60-140	
1,2-Dichlorobenzene	ug/L	50	48.7	97	60-140	
1,2-Dichloroethane	ug/L	50	45.0	90	60-140	
1,2-Dichloropropane	ug/L	50	51.4	103	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.3	101	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92534055

LABORATORY CONTROL SAMPLE: 3236944

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.0	98	60-140	
1,3-Dichloropropane	ug/L	50	55.5	111	60-140	
1,4-Dichlorobenzene	ug/L	50	49.7	99	60-140	
2,2-Dichloropropane	ug/L	50	52.4	105	60-140	
2-Chlorotoluene	ug/L	50	49.6	99	60-140	
4-Chlorotoluene	ug/L	50	49.0	98	60-140	
Benzene	ug/L	50	50.5	101	60-140	
Bromobenzene	ug/L	50	52.7	105	60-140	
Bromochloromethane	ug/L	50	50.8	102	60-140	
Bromodichloromethane	ug/L	50	50.3	101	60-140	
Bromoform	ug/L	50	55.8	112	60-140	
Bromomethane	ug/L	50	52.8	106	60-140	
Carbon tetrachloride	ug/L	50	50.5	101	60-140	
Chlorobenzene	ug/L	50	52.0	104	60-140	
Chloroethane	ug/L	50	44.6	89	60-140	
Chloroform	ug/L	50	43.7	87	60-140	
Chloromethane	ug/L	50	46.6	93	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.7	101	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.2	104	60-140	
Dibromochloromethane	ug/L	50	57.2	114	60-140	
Dibromomethane	ug/L	50	50.4	101	60-140	
Dichlorodifluoromethane	ug/L	50	44.3	89	60-140	
Diisopropyl ether	ug/L	50	46.2	92	60-140	
Ethylbenzene	ug/L	50	50.3	101	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.8	98	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.1	100	60-140	
m&p-Xylene	ug/L	100	103	103	60-140	
Methyl-tert-butyl ether	ug/L	50	46.7	93	60-140	
Methylene Chloride	ug/L	50	46.7	93	60-140	
n-Butylbenzene	ug/L	50	50.1	100	60-140	
n-Propylbenzene	ug/L	50	49.8	100	60-140	
Naphthalene	ug/L	50	46.8	94	60-140	
o-Xylene	ug/L	50	49.9	100	60-140	
sec-Butylbenzene	ug/L	50	48.7	97	60-140	
Styrene	ug/L	50	52.4	105	60-140	
tert-Butylbenzene	ug/L	50	41.7	83	60-140	
Tetrachloroethene	ug/L	50	52.4	105	60-140	
Toluene	ug/L	50	48.9	98	60-140	
trans-1,2-Dichloroethene	ug/L	50	51.3	103	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.3	105	60-140	
Trichloroethene	ug/L	50	50.0	100	60-140	
Trichlorofluoromethane	ug/L	50	46.1	92	60-140	
Vinyl chloride	ug/L	50	46.3	93	60-140	
1,2-Dichloroethane-d4 (S)	%			92	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			97	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92534055

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3236945 3236946											
Parameter	Units	92533796001		MS	MSD	3236946		MS	MSD	% Rec	% Rec
		Result	Conc.	Spike	Spike	Result	Conc.	Result	Conc.		
										Limits	RPD
1,1,1,2-Tetrachloroethane	ug/L	ND	2000	2000	2000	2200	2140	110	107	60-140	3
1,1,1-Trichloroethane	ug/L	ND	2000	2000	2000	2180	2200	109	110	60-140	1
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2000	2000	2150	2120	108	106	60-140	1
1,1,2-Trichloroethane	ug/L	ND	2000	2000	2000	2130	2130	107	106	60-140	0
1,1-Dichloroethane	ug/L	ND	2000	2000	2000	2210	2200	111	110	60-140	1
1,1-Dichloroethene	ug/L	ND	2000	2000	2000	2320	2350	116	117	60-140	1
1,1-Dichloropropene	ug/L	ND	2000	2000	2000	2190	2180	109	109	60-140	0
1,2,3-Trichlorobenzene	ug/L	ND	2000	2000	2000	1870	1850	94	92	60-140	1
1,2,3-Trichloropropane	ug/L	ND	2000	2000	2000	2190	2080	110	104	60-140	5
1,2,4-Trichlorobenzene	ug/L	ND	2000	2000	2000	1860	1850	93	93	60-140	1
1,2,4-Trimethylbenzene	ug/L	915	2000	2000	2000	3010	2940	105	101	60-140	2
1,2-Dibromo-3-chloropropane	ug/L	ND	2000	2000	2000	2270	2150	113	107	60-140	6
1,2-Dibromoethane (EDB)	ug/L	ND	2000	2000	2000	2280	2220	114	111	60-140	2
1,2-Dichlorobenzene	ug/L	ND	2000	2000	2000	1960	1920	98	96	60-140	2
1,2-Dichloroethane	ug/L	ND	2000	2000	2000	1900	1920	95	96	60-140	1
1,2-Dichloropropane	ug/L	ND	2000	2000	2000	2180	2110	109	106	60-140	3
1,3,5-Trimethylbenzene	ug/L	ND	2000	2000	2000	2340	2250	117	112	60-140	4
1,3-Dichlorobenzene	ug/L	ND	2000	2000	2000	1960	1940	98	97	60-140	1
1,3-Dichloropropane	ug/L	ND	2000	2000	2000	2300	2240	115	112	60-140	3
1,4-Dichlorobenzene	ug/L	ND	2000	2000	2000	2000	1970	100	99	60-140	1
2,2-Dichloropropane	ug/L	ND	2000	2000	2000	1850	1830	92	91	60-140	1
2-Chlorotoluene	ug/L	ND	2000	2000	2000	2130	2110	107	105	60-140	1
4-Chlorotoluene	ug/L	ND	2000	2000	2000	2020	1980	101	99	60-140	2
Benzene	ug/L	8140	2000	2000	2000	10200	10100	103	98	60-140	1
Bromobenzene	ug/L	ND	2000	2000	2000	2230	2170	111	109	60-140	2
Bromochloromethane	ug/L	ND	2000	2000	2000	2170	2100	108	105	60-140	3
Bromodichloromethane	ug/L	ND	2000	2000	2000	2040	2060	102	103	60-140	1
Bromoform	ug/L	ND	2000	2000	2000	2180	2110	109	106	60-140	3
Bromomethane	ug/L	ND	2000	2000	2000	2580	2620	129	131	60-140	2
Carbon tetrachloride	ug/L	ND	2000	2000	2000	2110	2140	106	107	60-140	1
Chlorobenzene	ug/L	ND	2000	2000	2000	2210	2150	110	108	60-140	3
Chloroethane	ug/L	ND	2000	2000	2000	2580	2500	129	125	60-140	3
Chloroform	ug/L	ND	2000	2000	2000	1860	1860	93	93	60-140	0
Chloromethane	ug/L	ND	2000	2000	2000	1850	1890	92	95	60-140	3
cis-1,2-Dichloroethene	ug/L	ND	2000	2000	2000	2180	2150	109	108	60-140	1
cis-1,3-Dichloropropene	ug/L	ND	2000	2000	2000	2040	2040	102	102	60-140	0
Dibromochloromethane	ug/L	ND	2000	2000	2000	2290	2270	115	113	60-140	1
Dibromomethane	ug/L	ND	2000	2000	2000	2090	2090	105	104	60-140	0
Dichlorodifluoromethane	ug/L	ND	2000	2000	2000	1690	1720	84	86	60-140	2
Diisopropyl ether	ug/L	4740	2000	2000	2000	6480	6470	87	87	60-140	0
Ethylbenzene	ug/L	942	2000	2000	2000	3090	3030	107	104	60-140	2
Hexachloro-1,3-butadiene	ug/L	ND	2000	2000	2000	1910	1830	96	92	60-140	4
Isopropylbenzene (Cumene)	ug/L	ND	2000	2000	2000	2130	2090	106	104	60-140	2
m&p-Xylene	ug/L	3730	4000	4000	4000	8120	7920	110	105	60-140	3
Methyl-tert-butyl ether	ug/L	9950	2000	2000	2000	11700	11500	85	79	60-140	1
Methylene Chloride	ug/L	ND	2000	2000	2000	2040	2050	102	102	60-140	0

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92534055

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3236945 3236946											
Parameter	Units	92533796001		MS	MSD	MS		MSD	% Rec		Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	Result	% Rec	Limits	
n-Butylbenzene	ug/L	ND	2000	2000	2000	1950	1940	98	97	60-140	1
n-Propylbenzene	ug/L	ND	2000	2000	2000	2150	2080	108	104	60-140	4
Naphthalene	ug/L	640	2000	2000	2000	2450	2450	91	90	60-140	0
o-Xylene	ug/L	1990	2000	2000	2000	4110	4020	106	102	60-140	2
sec-Butylbenzene	ug/L	ND	2000	2000	2000	2040	2040	102	102	60-140	0
Styrene	ug/L	119	2000	2000	2000	2260	2220	107	105	60-140	2
tert-Butylbenzene	ug/L	ND	2000	2000	2000	1790	1770	90	88	60-140	1
Tetrachloroethene	ug/L	ND	2000	2000	2000	2230	2150	112	107	60-140	4
Toluene	ug/L	14800	2000	2000	2000	16300	16000	75	62	60-140	2
trans-1,2-Dichloroethene	ug/L	ND	2000	2000	2000	2190	2240	110	112	60-140	2
trans-1,3-Dichloropropene	ug/L	ND	2000	2000	2000	2060	2060	103	103	60-140	0
Trichloroethene	ug/L	ND	2000	2000	2000	2140	2140	107	107	60-140	0
Trichlorofluoromethane	ug/L	ND	2000	2000	2000	2280	2240	114	112	60-140	2
Vinyl chloride	ug/L	ND	2000	2000	2000	1910	1960	95	98	60-140	3
1,2-Dichloroethane-d4 (S)	%							97	101	70-130	
4-Bromofluorobenzene (S)	%							98	98	70-130	
Toluene-d8 (S)	%							97	97	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92534055

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92534055

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92534055001	13926A_HC_RD_20210420	MADEP VPH	615929		
92534055001	13926A_HC_RD_20210420	EPA 3010A	615058	EPA 6010D	615080
92534055001	13926A_HC_RD_20210420	SM 6200B	615118		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical		CHAIN-OF-CUSTODY Analytical Request Document		LAB U		W0# : 92534055		Number or	
Company: Apex Companies		Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields		Cont'd		92534055			
Report To: Andrew Street		Email To: Andrew Street 600x005.com		Site Collection info/Address: 13926A Huntersville, NC		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			
Copy To:		State: NC		County/City: Huntersville		Time Zone Collected: [] PT [] MT [] CT [] ET			
Customer Project Name/Number: 2020-11-2448 Incident		Site/Facility ID #: 2020-11-2448 Incident		Compliance Monitoring? [] Yes [] No		DW PWS ID #: [] Yes [] No			
Phone: [] Yes [] No		Purchase Order #: [] Yes [] No		DW Location Code: [] Yes [] No		Immediately Packed on Ice: [] Yes [] No			
Collected By (print): Nanna Getz		Turnaround Date Required: ASAP		Field Filtered (if applicable): [] Yes [] No		Analysis: [] Yes [] No			
Sample Disposal: [] Same Day [] Next Day [] 3 Day [] 4 Day [] 5 Day [] Archive: [] Hold: []		Rush: [] Same Day [] Next Day [] 3 Day [] 4 Day [] 5 Day [] Archive: [] Hold: []		Analysis: [] Yes [] No		Analysis: [] 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		Matrix *		Comp / Grab		Collected (or Composite Start) Date Time	
13926A HC RD 20200420		DW		G		4-20-21 1215		Composite End Date Time	
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: 4-20-21 1305		Received by/Company: (Signature) Nanna Getz		Date/Time: 4-20-21 1305		Received by/Company: (Signature)		Date/Time: 4-20-21 1305	
Relinquished by/Company: (Signature) Nanna Getz		Date/Time: 4-20-21 1305		Received by/Company: (Signature)		Date/Time: 4-20-21 1305		Received by/Company: (Signature)	
Relinquished by/Company: (Signature)		Date/Time: 4-20-21 1305		Received by/Company: (Signature)		Date/Time: 4-20-21 1305		Received by/Company: (Signature)	
Relinquished by/Company: (Signature)		Date/Time: 4-20-21 1305		Received by/Company: (Signature)		Date/Time: 4-20-21 1305		Received by/Company: (Signature)	

LAB U		W0# : 92534055		Number or	
Cont'd		92534055			
** 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		Collector Signature Present		Y N NA	
Bottles Intact		Correct Bottles		Y N NA	
Sufficient Volume		Samples Received on Ice		Y N NA	
VOA - Headspace Acceptable		USDA Regulated Soils		Y N NA	
Samples in Holding Time		Residual Chlorine Present		Y N NA	
Cl Strips:		Sample pH Acceptable		Y N NA	
pH Strips:		Sulfide Present		Y N NA	
Lead Acetate Strips:		LAB USE ONLY:		Lab Sample # / Comments:	
92534055		001			
Lab Sample Temperature Info:		Temp Blank Received:		Y N NA	
Therm ID#:		Cooler 1 Temp Upon Receipt:		5.1 oC	
Cooler 1 Therm Corr. Factor:		Cooler 1 Corrected Temp:		5.1 oC	
Comments:		Trip Blank Received:		Y N NA	
HCL MeOH TSP Other		Non Conformance(s):		YES / NO	
Page: of:					

Document Name: Sample Condition Upon Receipt(SCUR)

Document No.: CAR-CS-033-Rev.07

Issuing Authority: Pace Carolinas Quality Office

Document Revised: October 28, 2020
Page 2 of 2

*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, DR0/8015 (water) DOC, LHg

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

MO#: 92534055

Project #

PM: AMB

CLIENT: 92-APEX MOOR

Due Date: 04/27/21

CLIENT: 92-APEX MOOR

Exceptions: VOA, Coliform, TOC, Oil and Grease, DR0/8015 (water) DOC, LHg

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

samples.

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

Document Name: Sample Condition Upon Receipt(SCUR)

Document No.: CAR-CS-033-Rev.07

Issuing Authority: Pace Carolinas Quality Office

Document Revised: October 28, 2020
Page 2 of 2

[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 Delinquent Certification Office (for Out of hold, incorrect preservative, out of temp, incorrect containers).

April 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.: 92534061

Dear Andrew Street:

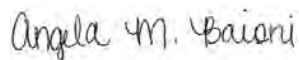
Enclosed are the analytical results for sample(s) received by the laboratory on April 20, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise 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
Robert Hughes, Colonial Pipeline
Margaret King, APEX Companies, LLC
Cameron Lee, Montrose-EPS
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92534061

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92534061

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92534061001	14226_HC_RD_20210420	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	RDT	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92534061

Sample: 14226_HC_RD_20210420		Lab ID: 92534061001		Collected: 04/20/21 10:20		Received: 04/20/21 13:05		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
VPH NC Water		Analytical Method: MADEP VPH Pace Analytical Services - Charlotte							
Aliphatic (C05-C08)	ND	ug/L	50.0	1		04/21/21 17:53		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/21/21 17:53		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/21/21 17:53		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/21/21 17:53		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	92	%	70-130	1		04/21/21 17:53	460-00-4		
4-Bromofluorobenzene (PID) (S)	82	%	70-130	1		04/21/21 17:53	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/21/21 01:46	04/26/21 00:49	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/21/21 16:08	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/21/21 16:08	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/21/21 16:08	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/21/21 16:08	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/21/21 16:08	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/21/21 16:08	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/21/21 16:08	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/21/21 16:08	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/21/21 16:08	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/21/21 16:08	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/21/21 16:08	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/21/21 16:08	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/21/21 16:08	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/21/21 16:08	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/21/21 16:08	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/21/21 16:08	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/21/21 16:08	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/21/21 16:08	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/21/21 16:08	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/21/21 16:08	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/21/21 16:08	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/21/21 16:08	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/21/21 16:08	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/21/21 16:08	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/21/21 16:08	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/21/21 16:08	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/21/21 16:08	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/21/21 16:08	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/21/21 16:08	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/21/21 16:08	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/21/21 16:08	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/21/21 16:08	594-20-7		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92534061

Sample: 14226_HC_RD_20210420		Lab ID: 92534061001		Collected: 04/20/21 10:20		Received: 04/20/21 13:05		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1-Dichloropropene	ND	ug/L	0.50	1		04/21/21 16:08	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/21/21 16:08	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/21/21 16:08	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/21/21 16:08	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/21/21 16:08	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/21/21 16:08	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/21/21 16:08	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/21/21 16:08	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/21/21 16:08	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/21/21 16:08	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/21/21 16:08	103-65-1		
Styrene	ND	ug/L	0.50	1		04/21/21 16:08	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/21/21 16:08	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/21/21 16:08	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/21/21 16:08	127-18-4		
Toluene	ND	ug/L	0.50	1		04/21/21 16:08	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/21/21 16:08	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/21/21 16:08	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/21/21 16:08	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/21/21 16:08	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/21/21 16:08	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/21/21 16:08	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/21/21 16:08	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/21/21 16:08	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/21/21 16:08	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/21/21 16:08	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/21/21 16:08	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/21/21 16:08	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130	1		04/21/21 16:08	17060-07-0		
4-Bromofluorobenzene (S)	92	%	70-130	1		04/21/21 16:08	460-00-4		
Toluene-d8 (S)	102	%	70-130	1		04/21/21 16:08	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92534061

QC Batch: 615000	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92534061001

METHOD BLANK: 3236487 Matrix: Water

Associated Lab Samples: 92534061001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/21/21 13:34	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/21/21 13:34	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/21/21 13:34	N2
4-Bromofluorobenzene (FID) (S)	%	92	70-130	04/21/21 13:34	
4-Bromofluorobenzene (PID) (S)	%	81	70-130	04/21/21 13:34	

LABORATORY CONTROL SAMPLE & LCSD: 3236488

LABORATORY CONTROL SAMPLE & LCSD: 3236488			3236489							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	286	267	95	89	70-130	7	25	N2
Aliphatic (C09-C12)	ug/L	300	272	271	91	90	70-130	0	25	N2
Aromatic (C09-C10)	ug/L	100	91.1	86.6	91	87	70-130	5	25	N2
4-Bromofluorobenzene (FID) (S)	%				95	94	70-130			
4-Bromofluorobenzene (PID) (S)	%				82	81	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92534061

QC Batch: 615058

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92534061001

METHOD BLANK: 3236811

Matrix: Water

Associated Lab Samples: 92534061001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/26/21 18:05	

LABORATORY CONTROL SAMPLE: 3236812

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	495	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3236813 3236814

Parameter	Units	92533772001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Lead	ug/L	ND	500	500	488	488	97	97	75-125	0	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92534061

QC Batch: 615118	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92534061001

METHOD BLANK: 3236943 Matrix: Water

Associated Lab Samples: 92534061001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,1-Dichloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,1-Dichloroethene	ug/L	ND	0.50	04/21/21 12:50	
1,1-Dichloropropene	ug/L	ND	0.50	04/21/21 12:50	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/21/21 12:50	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/21/21 12:50	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/21/21 12:50	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/21/21 12:50	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/21/21 12:50	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/21/21 12:50	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/21/21 12:50	
1,2-Dichloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,2-Dichloropropane	ug/L	ND	0.50	04/21/21 12:50	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/21/21 12:50	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/21/21 12:50	
1,3-Dichloropropane	ug/L	ND	0.50	04/21/21 12:50	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/21/21 12:50	
2,2-Dichloropropane	ug/L	ND	0.50	04/21/21 12:50	
2-Chlorotoluene	ug/L	ND	0.50	04/21/21 12:50	
4-Chlorotoluene	ug/L	ND	0.50	04/21/21 12:50	
Benzene	ug/L	ND	0.50	04/21/21 12:50	
Bromobenzene	ug/L	ND	0.50	04/21/21 12:50	
Bromochloromethane	ug/L	ND	0.50	04/21/21 12:50	
Bromodichloromethane	ug/L	ND	0.50	04/21/21 12:50	
Bromoform	ug/L	ND	0.50	04/21/21 12:50	
Bromomethane	ug/L	ND	5.0	04/21/21 12:50	
Carbon tetrachloride	ug/L	ND	0.50	04/21/21 12:50	
Chlorobenzene	ug/L	ND	0.50	04/21/21 12:50	
Chloroethane	ug/L	ND	1.0	04/21/21 12:50	
Chloroform	ug/L	ND	0.50	04/21/21 12:50	
Chloromethane	ug/L	ND	1.0	04/21/21 12:50	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/21/21 12:50	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/21/21 12:50	
Dibromochloromethane	ug/L	ND	0.50	04/21/21 12:50	
Dibromomethane	ug/L	ND	0.50	04/21/21 12:50	
Dichlorodifluoromethane	ug/L	ND	0.50	04/21/21 12:50	
Diisopropyl ether	ug/L	ND	0.50	04/21/21 12:50	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92534061

METHOD BLANK: 3236943

Matrix: Water

Associated Lab Samples: 92534061001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/21/21 12:50	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/21/21 12:50	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/21/21 12:50	
m&p-Xylene	ug/L	ND	1.0	04/21/21 12:50	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/21/21 12:50	
Methylene Chloride	ug/L	ND	2.0	04/21/21 12:50	
n-Butylbenzene	ug/L	ND	0.50	04/21/21 12:50	
n-Propylbenzene	ug/L	ND	0.50	04/21/21 12:50	
Naphthalene	ug/L	ND	2.0	04/21/21 12:50	
o-Xylene	ug/L	ND	0.50	04/21/21 12:50	
sec-Butylbenzene	ug/L	ND	0.50	04/21/21 12:50	
Styrene	ug/L	ND	0.50	04/21/21 12:50	
tert-Butylbenzene	ug/L	ND	0.50	04/21/21 12:50	
Tetrachloroethene	ug/L	ND	0.50	04/21/21 12:50	
Toluene	ug/L	ND	0.50	04/21/21 12:50	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/21/21 12:50	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/21/21 12:50	
Trichloroethene	ug/L	ND	0.50	04/21/21 12:50	
Trichlorofluoromethane	ug/L	ND	1.0	04/21/21 12:50	
Vinyl chloride	ug/L	ND	1.0	04/21/21 12:50	
1,2-Dichloroethane-d4 (S)	%	96	70-130	04/21/21 12:50	
4-Bromofluorobenzene (S)	%	93	70-130	04/21/21 12:50	
Toluene-d8 (S)	%	101	70-130	04/21/21 12:50	

LABORATORY CONTROL SAMPLE: 3236944

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	50.4	101	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	52.3	105	60-140	
1,1,2-Trichloroethane	ug/L	50	50.9	102	60-140	
1,1-Dichloroethane	ug/L	50	51.4	103	60-140	
1,1-Dichloroethene	ug/L	50	53.6	107	60-140	
1,1-Dichloropropene	ug/L	50	50.1	100	60-140	
1,2,3-Trichlorobenzene	ug/L	50	47.1	94	60-140	
1,2,3-Trichloropropane	ug/L	50	53.3	107	60-140	
1,2,4-Trichlorobenzene	ug/L	50	47.9	96	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.8	98	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	55.2	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	55.8	112	60-140	
1,2-Dichlorobenzene	ug/L	50	48.7	97	60-140	
1,2-Dichloroethane	ug/L	50	45.0	90	60-140	
1,2-Dichloropropane	ug/L	50	51.4	103	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.3	101	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92534061

LABORATORY CONTROL SAMPLE: 3236944

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.0	98	60-140	
1,3-Dichloropropane	ug/L	50	55.5	111	60-140	
1,4-Dichlorobenzene	ug/L	50	49.7	99	60-140	
2,2-Dichloropropane	ug/L	50	52.4	105	60-140	
2-Chlorotoluene	ug/L	50	49.6	99	60-140	
4-Chlorotoluene	ug/L	50	49.0	98	60-140	
Benzene	ug/L	50	50.5	101	60-140	
Bromobenzene	ug/L	50	52.7	105	60-140	
Bromochloromethane	ug/L	50	50.8	102	60-140	
Bromodichloromethane	ug/L	50	50.3	101	60-140	
Bromoform	ug/L	50	55.8	112	60-140	
Bromomethane	ug/L	50	52.8	106	60-140	
Carbon tetrachloride	ug/L	50	50.5	101	60-140	
Chlorobenzene	ug/L	50	52.0	104	60-140	
Chloroethane	ug/L	50	44.6	89	60-140	
Chloroform	ug/L	50	43.7	87	60-140	
Chloromethane	ug/L	50	46.6	93	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.7	101	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.2	104	60-140	
Dibromochloromethane	ug/L	50	57.2	114	60-140	
Dibromomethane	ug/L	50	50.4	101	60-140	
Dichlorodifluoromethane	ug/L	50	44.3	89	60-140	
Diisopropyl ether	ug/L	50	46.2	92	60-140	
Ethylbenzene	ug/L	50	50.3	101	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.8	98	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.1	100	60-140	
m&p-Xylene	ug/L	100	103	103	60-140	
Methyl-tert-butyl ether	ug/L	50	46.7	93	60-140	
Methylene Chloride	ug/L	50	46.7	93	60-140	
n-Butylbenzene	ug/L	50	50.1	100	60-140	
n-Propylbenzene	ug/L	50	49.8	100	60-140	
Naphthalene	ug/L	50	46.8	94	60-140	
o-Xylene	ug/L	50	49.9	100	60-140	
sec-Butylbenzene	ug/L	50	48.7	97	60-140	
Styrene	ug/L	50	52.4	105	60-140	
tert-Butylbenzene	ug/L	50	41.7	83	60-140	
Tetrachloroethene	ug/L	50	52.4	105	60-140	
Toluene	ug/L	50	48.9	98	60-140	
trans-1,2-Dichloroethene	ug/L	50	51.3	103	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.3	105	60-140	
Trichloroethene	ug/L	50	50.0	100	60-140	
Trichlorofluoromethane	ug/L	50	46.1	92	60-140	
Vinyl chloride	ug/L	50	46.3	93	60-140	
1,2-Dichloroethane-d4 (S)	%			92	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			97	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92534061

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3236945 3236946											
Parameter	Units	92533796001		MS	MSD	3236946		MS	MSD	% Rec	% Rec
		Result	Conc.	Spike	Spike	Result	Conc.	Result	Conc.		
										Limits	RPD
1,1,1,2-Tetrachloroethane	ug/L	ND	2000	2000	2000	2200	2140	110	107	60-140	3
1,1,1-Trichloroethane	ug/L	ND	2000	2000	2000	2180	2200	109	110	60-140	1
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2000	2000	2150	2120	108	106	60-140	1
1,1,2-Trichloroethane	ug/L	ND	2000	2000	2000	2130	2130	107	106	60-140	0
1,1-Dichloroethane	ug/L	ND	2000	2000	2000	2210	2200	111	110	60-140	1
1,1-Dichloroethene	ug/L	ND	2000	2000	2000	2320	2350	116	117	60-140	1
1,1-Dichloropropene	ug/L	ND	2000	2000	2000	2190	2180	109	109	60-140	0
1,2,3-Trichlorobenzene	ug/L	ND	2000	2000	2000	1870	1850	94	92	60-140	1
1,2,3-Trichloropropane	ug/L	ND	2000	2000	2000	2190	2080	110	104	60-140	5
1,2,4-Trichlorobenzene	ug/L	ND	2000	2000	2000	1860	1850	93	93	60-140	1
1,2,4-Trimethylbenzene	ug/L	915	2000	2000	2000	3010	2940	105	101	60-140	2
1,2-Dibromo-3-chloropropane	ug/L	ND	2000	2000	2000	2270	2150	113	107	60-140	6
1,2-Dibromoethane (EDB)	ug/L	ND	2000	2000	2000	2280	2220	114	111	60-140	2
1,2-Dichlorobenzene	ug/L	ND	2000	2000	2000	1960	1920	98	96	60-140	2
1,2-Dichloroethane	ug/L	ND	2000	2000	2000	1900	1920	95	96	60-140	1
1,2-Dichloropropane	ug/L	ND	2000	2000	2000	2180	2110	109	106	60-140	3
1,3,5-Trimethylbenzene	ug/L	ND	2000	2000	2000	2340	2250	117	112	60-140	4
1,3-Dichlorobenzene	ug/L	ND	2000	2000	2000	1960	1940	98	97	60-140	1
1,3-Dichloropropane	ug/L	ND	2000	2000	2000	2300	2240	115	112	60-140	3
1,4-Dichlorobenzene	ug/L	ND	2000	2000	2000	2000	1970	100	99	60-140	1
2,2-Dichloropropane	ug/L	ND	2000	2000	2000	1850	1830	92	91	60-140	1
2-Chlorotoluene	ug/L	ND	2000	2000	2000	2130	2110	107	105	60-140	1
4-Chlorotoluene	ug/L	ND	2000	2000	2000	2020	1980	101	99	60-140	2
Benzene	ug/L	8140	2000	2000	2000	10200	10100	103	98	60-140	1
Bromobenzene	ug/L	ND	2000	2000	2000	2230	2170	111	109	60-140	2
Bromochloromethane	ug/L	ND	2000	2000	2000	2170	2100	108	105	60-140	3
Bromodichloromethane	ug/L	ND	2000	2000	2000	2040	2060	102	103	60-140	1
Bromoform	ug/L	ND	2000	2000	2000	2180	2110	109	106	60-140	3
Bromomethane	ug/L	ND	2000	2000	2000	2580	2620	129	131	60-140	2
Carbon tetrachloride	ug/L	ND	2000	2000	2000	2110	2140	106	107	60-140	1
Chlorobenzene	ug/L	ND	2000	2000	2000	2210	2150	110	108	60-140	3
Chloroethane	ug/L	ND	2000	2000	2000	2580	2500	129	125	60-140	3
Chloroform	ug/L	ND	2000	2000	2000	1860	1860	93	93	60-140	0
Chloromethane	ug/L	ND	2000	2000	2000	1850	1890	92	95	60-140	3
cis-1,2-Dichloroethene	ug/L	ND	2000	2000	2000	2180	2150	109	108	60-140	1
cis-1,3-Dichloropropene	ug/L	ND	2000	2000	2000	2040	2040	102	102	60-140	0
Dibromochloromethane	ug/L	ND	2000	2000	2000	2290	2270	115	113	60-140	1
Dibromomethane	ug/L	ND	2000	2000	2000	2090	2090	105	104	60-140	0
Dichlorodifluoromethane	ug/L	ND	2000	2000	2000	1690	1720	84	86	60-140	2
Diisopropyl ether	ug/L	4740	2000	2000	2000	6480	6470	87	87	60-140	0
Ethylbenzene	ug/L	942	2000	2000	2000	3090	3030	107	104	60-140	2
Hexachloro-1,3-butadiene	ug/L	ND	2000	2000	2000	1910	1830	96	92	60-140	4
Isopropylbenzene (Cumene)	ug/L	ND	2000	2000	2000	2130	2090	106	104	60-140	2
m&p-Xylene	ug/L	3730	4000	4000	4000	8120	7920	110	105	60-140	3
Methyl-tert-butyl ether	ug/L	9950	2000	2000	2000	11700	11500	85	79	60-140	1
Methylene Chloride	ug/L	ND	2000	2000	2000	2040	2050	102	102	60-140	0

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92534061

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3236945 3236946											
Parameter	Units	92533796001		MS	MSD	3236945		MS	MSD	3236946	
		Result	Conc.	Spike	Spike	Result	Conc.	Result	Conc.	% Rec	% Rec
										Limits	RPD
n-Butylbenzene	ug/L	ND	2000	2000	2000	1950	1940	98	97	60-140	1
n-Propylbenzene	ug/L	ND	2000	2000	2000	2150	2080	108	104	60-140	4
Naphthalene	ug/L	640	2000	2000	2000	2450	2450	91	90	60-140	0
o-Xylene	ug/L	1990	2000	2000	2000	4110	4020	106	102	60-140	2
sec-Butylbenzene	ug/L	ND	2000	2000	2000	2040	2040	102	102	60-140	0
Styrene	ug/L	119	2000	2000	2000	2260	2220	107	105	60-140	2
tert-Butylbenzene	ug/L	ND	2000	2000	2000	1790	1770	90	88	60-140	1
Tetrachloroethene	ug/L	ND	2000	2000	2000	2230	2150	112	107	60-140	4
Toluene	ug/L	14800	2000	2000	2000	16300	16000	75	62	60-140	2
trans-1,2-Dichloroethene	ug/L	ND	2000	2000	2000	2190	2240	110	112	60-140	2
trans-1,3-Dichloropropene	ug/L	ND	2000	2000	2000	2060	2060	103	103	60-140	0
Trichloroethene	ug/L	ND	2000	2000	2000	2140	2140	107	107	60-140	0
Trichlorofluoromethane	ug/L	ND	2000	2000	2000	2280	2240	114	112	60-140	2
Vinyl chloride	ug/L	ND	2000	2000	2000	1910	1960	95	98	60-140	3
1,2-Dichloroethane-d4 (S)	%							97	101	70-130	
4-Bromofluorobenzene (S)	%							98	98	70-130	
Toluene-d8 (S)	%							97	97	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92534061

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92534061

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92534061001	14226_HC_RD_20210420	MADEP VPH	615000		
92534061001	14226_HC_RD_20210420	EPA 3010A	615058	EPA 6010D	615080
92534061001	14226_HC_RD_20210420	SM 6200B	615118		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

*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# : 92534061

PM: AMB

Due Date: 04/27/21

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																												
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).

April 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.: 92534064

Dear Andrew Street:

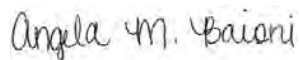
Enclosed are the analytical results for sample(s) received by the laboratory on April 20, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise 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
Robert Hughes, Colonial Pipeline
Margaret King, APEX Companies, LLC
Cameron Lee, Montrose-EPS
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92534064

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92534064

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92534064001	13926B_HC_RD_20210420	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	RDT	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92534064

Sample: 13926B_HC_RD_20210420		Lab ID: 92534064001		Collected: 04/20/21 11:30		Received: 04/20/21 13:05		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water		Analytical Method: MADEP VPH							
		Pace Analytical Services - Charlotte							
Aliphatic (C05-C08)		ND	ug/L	50.0	1		04/21/21 18:21		N2
Aliphatic (C09-C12)		ND	ug/L	50.0	1		04/21/21 18:21		N2
Aliphatic(C09-C12) Adjusted		ND	ug/L	50.0	1		04/21/21 18:21		N2
Aromatic (C09-C10)		ND	ug/L	50.0	1		04/21/21 18:21		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)		95	%	70-130	1		04/21/21 18:21	460-00-4	
4-Bromofluorobenzene (PID) (S)		84	%	70-130	1		04/21/21 18:21	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A							
		Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/21/21 01:46	04/26/21 00:52	7439-92-1		
6200B MSV		Analytical Method: SM 6200B							
		Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/22/21 17:08	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/22/21 17:08	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/22/21 17:08	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/22/21 17:08	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/22/21 17:08	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/22/21 17:08	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/22/21 17:08	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/22/21 17:08	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/22/21 17:08	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/22/21 17:08	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/22/21 17:08	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/22/21 17:08	75-00-3		
Chloroform	8.6	ug/L	0.50	1		04/22/21 17:08	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/22/21 17:08	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/22/21 17:08	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/22/21 17:08	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/22/21 17:08	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/22/21 17:08	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/22/21 17:08	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/22/21 17:08	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/22/21 17:08	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/22/21 17:08	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/22/21 17:08	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/22/21 17:08	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/22/21 17:08	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/22/21 17:08	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/22/21 17:08	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/22/21 17:08	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/22/21 17:08	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/22/21 17:08	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/22/21 17:08	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/22/21 17:08	594-20-7		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92534064

Sample: 13926B_HC_RD_20210420		Lab ID: 92534064001		Collected: 04/20/21 11:30		Received: 04/20/21 13:05		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1-Dichloropropene	ND	ug/L	0.50	1		04/22/21 17:08	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/22/21 17:08	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/22/21 17:08	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/22/21 17:08	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/22/21 17:08	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/22/21 17:08	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/22/21 17:08	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/22/21 17:08	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/22/21 17:08	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/22/21 17:08	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/22/21 17:08	103-65-1		
Styrene	ND	ug/L	0.50	1		04/22/21 17:08	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/22/21 17:08	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/22/21 17:08	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/22/21 17:08	127-18-4		
Toluene	ND	ug/L	0.50	1		04/22/21 17:08	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/22/21 17:08	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/22/21 17:08	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/22/21 17:08	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/22/21 17:08	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/22/21 17:08	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/22/21 17:08	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/22/21 17:08	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/22/21 17:08	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/22/21 17:08	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/22/21 17:08	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/22/21 17:08	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/22/21 17:08	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		04/22/21 17:08	17060-07-0		
4-Bromofluorobenzene (S)	94	%	70-130	1		04/22/21 17:08	460-00-4		
Toluene-d8 (S)	101	%	70-130	1		04/22/21 17:08	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92534064

QC Batch:	615000	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92534064001

METHOD BLANK: 3236487 Matrix: Water
Associated Lab Samples: 92534064001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/21/21 13:34	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/21/21 13:34	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/21/21 13:34	N2
4-Bromofluorobenzene (FID) (S)	%	92	70-130	04/21/21 13:34	
4-Bromofluorobenzene (PID) (S)	%	81	70-130	04/21/21 13:34	

LABORATORY CONTROL SAMPLE & LCSD: 3236488

		3236489								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	286	267	95	89	70-130	7	25	N2
Aliphatic (C09-C12)	ug/L	300	272	271	91	90	70-130	0	25	N2
Aromatic (C09-C10)	ug/L	100	91.1	86.6	91	87	70-130	5	25	N2
4-Bromofluorobenzene (FID) (S)	%				95	94	70-130			
4-Bromofluorobenzene (PID) (S)	%				82	81	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92534064

QC Batch: 615058	Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A	Analysis Description: 6010 MET
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92534064001

METHOD BLANK: 3236811 Matrix: Water

Associated Lab Samples: 92534064001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/26/21 18:05	

LABORATORY CONTROL SAMPLE: 3236812

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	495	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3236813 3236814

Parameter	Units	92533772001 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
			Spike Conc.	Spike Conc.							
Lead	ug/L	ND	500	500	488	488	97	97	75-125	0	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92534064

QC Batch:	615581	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92534064001

METHOD BLANK: 3239381 Matrix: Water

Associated Lab Samples: 92534064001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/22/21 16:31	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/22/21 16:31	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/22/21 16:31	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/22/21 16:31	
1,1-Dichloroethane	ug/L	ND	0.50	04/22/21 16:31	
1,1-Dichloroethene	ug/L	ND	0.50	04/22/21 16:31	
1,1-Dichloropropene	ug/L	ND	0.50	04/22/21 16:31	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/22/21 16:31	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/22/21 16:31	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/22/21 16:31	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/22/21 16:31	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/22/21 16:31	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/22/21 16:31	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/22/21 16:31	
1,2-Dichloroethane	ug/L	ND	0.50	04/22/21 16:31	
1,2-Dichloropropane	ug/L	ND	0.50	04/22/21 16:31	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/22/21 16:31	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/22/21 16:31	
1,3-Dichloropropane	ug/L	ND	0.50	04/22/21 16:31	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/22/21 16:31	
2,2-Dichloropropane	ug/L	ND	0.50	04/22/21 16:31	
2-Chlorotoluene	ug/L	ND	0.50	04/22/21 16:31	
4-Chlorotoluene	ug/L	ND	0.50	04/22/21 16:31	
Benzene	ug/L	ND	0.50	04/22/21 16:31	
Bromobenzene	ug/L	ND	0.50	04/22/21 16:31	
Bromochloromethane	ug/L	ND	0.50	04/22/21 16:31	
Bromodichloromethane	ug/L	ND	0.50	04/22/21 16:31	
Bromoform	ug/L	ND	0.50	04/22/21 16:31	
Bromomethane	ug/L	ND	5.0	04/22/21 16:31	
Carbon tetrachloride	ug/L	ND	0.50	04/22/21 16:31	
Chlorobenzene	ug/L	ND	0.50	04/22/21 16:31	
Chloroethane	ug/L	ND	1.0	04/22/21 16:31	
Chloroform	ug/L	ND	0.50	04/22/21 16:31	
Chloromethane	ug/L	ND	1.0	04/22/21 16:31	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/22/21 16:31	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/22/21 16:31	
Dibromochloromethane	ug/L	ND	0.50	04/22/21 16:31	
Dibromomethane	ug/L	ND	0.50	04/22/21 16:31	
Dichlorodifluoromethane	ug/L	ND	0.50	04/22/21 16:31	
Diisopropyl ether	ug/L	ND	0.50	04/22/21 16:31	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92534064

METHOD BLANK: 3239381

Matrix: Water

Associated Lab Samples: 92534064001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/22/21 16:31	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/22/21 16:31	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/22/21 16:31	
m&p-Xylene	ug/L	ND	1.0	04/22/21 16:31	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/22/21 16:31	
Methylene Chloride	ug/L	ND	2.0	04/22/21 16:31	
n-Butylbenzene	ug/L	ND	0.50	04/22/21 16:31	
n-Propylbenzene	ug/L	ND	0.50	04/22/21 16:31	
Naphthalene	ug/L	ND	2.0	04/22/21 16:31	
o-Xylene	ug/L	ND	0.50	04/22/21 16:31	
sec-Butylbenzene	ug/L	ND	0.50	04/22/21 16:31	
Styrene	ug/L	ND	0.50	04/22/21 16:31	
tert-Butylbenzene	ug/L	ND	0.50	04/22/21 16:31	
Tetrachloroethene	ug/L	ND	0.50	04/22/21 16:31	
Toluene	ug/L	ND	0.50	04/22/21 16:31	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/22/21 16:31	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/22/21 16:31	
Trichloroethene	ug/L	ND	0.50	04/22/21 16:31	
Trichlorofluoromethane	ug/L	ND	1.0	04/22/21 16:31	
Vinyl chloride	ug/L	ND	1.0	04/22/21 16:31	
1,2-Dichloroethane-d4 (S)	%	100	70-130	04/22/21 16:31	
4-Bromofluorobenzene (S)	%	93	70-130	04/22/21 16:31	
Toluene-d8 (S)	%	100	70-130	04/22/21 16:31	

LABORATORY CONTROL SAMPLE: 3239382

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.4	105	60-140	
1,1,1-Trichloroethane	ug/L	50	51.1	102	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	52.2	104	60-140	
1,1,2-Trichloroethane	ug/L	50	52.8	106	60-140	
1,1-Dichloroethane	ug/L	50	51.3	103	60-140	
1,1-Dichloroethene	ug/L	50	56.3	113	60-140	
1,1-Dichloropropene	ug/L	50	50.9	102	60-140	
1,2,3-Trichlorobenzene	ug/L	50	46.8	94	60-140	
1,2,3-Trichloropropane	ug/L	50	52.8	106	60-140	
1,2,4-Trichlorobenzene	ug/L	50	48.3	97	60-140	
1,2,4-Trimethylbenzene	ug/L	50	50.3	101	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	56.4	113	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	54.5	109	60-140	
1,2-Dichlorobenzene	ug/L	50	48.9	98	60-140	
1,2-Dichloroethane	ug/L	50	44.7	89	60-140	
1,2-Dichloropropane	ug/L	50	50.5	101	60-140	
1,3,5-Trimethylbenzene	ug/L	50	51.7	103	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92534064

LABORATORY CONTROL SAMPLE: 3239382

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	54.0	108	60-140	
1,4-Dichlorobenzene	ug/L	50	50.9	102	60-140	
2,2-Dichloropropane	ug/L	50	52.5	105	60-140	
2-Chlorotoluene	ug/L	50	51.3	103	60-140	
4-Chlorotoluene	ug/L	50	50.7	101	60-140	
Benzene	ug/L	50	50.3	101	60-140	
Bromobenzene	ug/L	50	53.4	107	60-140	
Bromochloromethane	ug/L	50	51.4	103	60-140	
Bromodichloromethane	ug/L	50	50.5	101	60-140	
Bromoform	ug/L	50	55.8	112	60-140	
Bromomethane	ug/L	50	54.6	109	60-140	
Carbon tetrachloride	ug/L	50	51.5	103	60-140	
Chlorobenzene	ug/L	50	52.0	104	60-140	
Chloroethane	ug/L	50	43.4	87	60-140	
Chloroform	ug/L	50	44.1	88	60-140	
Chloromethane	ug/L	50	43.0	86	60-140	
cis-1,2-Dichloroethene	ug/L	50	51.5	103	60-140	
cis-1,3-Dichloropropene	ug/L	50	51.7	103	60-140	
Dibromochloromethane	ug/L	50	57.7	115	60-140	
Dibromomethane	ug/L	50	51.9	104	60-140	
Dichlorodifluoromethane	ug/L	50	41.2	82	60-140	
Diisopropyl ether	ug/L	50	46.3	93	60-140	
Ethylbenzene	ug/L	50	50.9	102	60-140	
Hexachloro-1,3-butadiene	ug/L	50	49.3	99	60-140	
Isopropylbenzene (Cumene)	ug/L	50	51.8	104	60-140	
m&p-Xylene	ug/L	100	103	103	60-140	
Methyl-tert-butyl ether	ug/L	50	46.4	93	60-140	
Methylene Chloride	ug/L	50	46.2	92	60-140	
n-Butylbenzene	ug/L	50	50.6	101	60-140	
n-Propylbenzene	ug/L	50	52.2	104	60-140	
Naphthalene	ug/L	50	47.2	94	60-140	
o-Xylene	ug/L	50	50.0	100	60-140	
sec-Butylbenzene	ug/L	50	51.2	102	60-140	
Styrene	ug/L	50	52.5	105	60-140	
tert-Butylbenzene	ug/L	50	43.6	87	60-140	
Tetrachloroethene	ug/L	50	55.8	112	60-140	
Toluene	ug/L	50	49.5	99	60-140	
trans-1,2-Dichloroethene	ug/L	50	52.6	105	60-140	
trans-1,3-Dichloropropene	ug/L	50	54.5	109	60-140	
Trichloroethene	ug/L	50	50.5	101	60-140	
Trichlorofluoromethane	ug/L	50	43.5	87	60-140	
Vinyl chloride	ug/L	50	44.7	89	60-140	
1,2-Dichloroethane-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			97	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92534064

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3239383 3239384											
Parameter	Units	92534243005 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
			Spike Conc.	Spike Conc.							
1,1,1,2-Tetrachloroethane	ug/L	<156	10000	10000	8530	9550	85	96	60-140	11	
1,1,1-Trichloroethane	ug/L	<166	10000	10000	8460	9650	85	96	60-140	13	
1,1,2,2-Tetrachloroethane	ug/L	<112	10000	10000	9100	8930	91	89	60-140	2	
1,1,2-Trichloroethane	ug/L	<162	10000	10000	8590	10200	86	102	60-140	17	
1,1-Dichloroethane	ug/L	<184	10000	10000	8640	9800	86	98	60-140	13	
1,1-Dichloroethene	ug/L	<174	10000	10000	9260	10700	93	107	60-140	14	
1,1-Dichloropropene	ug/L	<214	10000	10000	8520	9510	85	95	60-140	11	
1,2,3-Trichlorobenzene	ug/L	<403	10000	10000	6900	8340	69	83	60-140	19	
1,2,3-Trichloropropane	ug/L	<130	10000	10000	8890	8840	89	88	60-140	1	
1,2,4-Trichlorobenzene	ug/L	<320	10000	10000	7030	8240	70	82	60-140	16	
1,2,4-Trimethylbenzene	ug/L	320	10000	10000	8460	9510	81	92	60-140	12	
1,2-Dibromo-3-chloropropane	ug/L	<170	10000	10000	8210	9400	82	94	60-140	14	
1,2-Dibromoethane (EDB)	ug/L	<136	10000	10000	9020	10100	90	101	60-140	11	
1,2-Dichlorobenzene	ug/L	<170	10000	10000	7640	8890	76	89	60-140	15	
1,2-Dichloroethane	ug/L	<161	10000	10000	7690	8560	77	86	60-140	11	
1,2-Dichloropropane	ug/L	<178	10000	10000	8450	9630	84	96	60-140	13	
1,3,5-Trimethylbenzene	ug/L	<166	10000	10000	8700	9430	87	94	60-140	8	
1,3-Dichlorobenzene	ug/L	<170	10000	10000	7790	8970	78	90	60-140	14	
1,3-Dichloropropane	ug/L	<142	10000	10000	8970	10200	90	102	60-140	12	
1,4-Dichlorobenzene	ug/L	<166	10000	10000	7900	9030	79	90	60-140	13	
2,2-Dichloropropane	ug/L	<194	10000	10000	7520	8620	75	86	60-140	14	
2-Chlorotoluene	ug/L	<160	10000	10000	8730	9420	87	94	60-140	8	
4-Chlorotoluene	ug/L	<162	10000	10000	7970	9180	80	92	60-140	14	
Benzene	ug/L	3110	10000	10000	11700	13700	86	106	60-140	15	
Bromobenzene	ug/L	<145	10000	10000	9100	10000	91	100	60-140	9	
Bromochloromethane	ug/L	<234	10000	10000	8660	9670	87	97	60-140	11	
Bromodichloromethane	ug/L	<154	10000	10000	8170	9300	82	93	60-140	13	
Bromoform	ug/L	<170	10000	10000	8400	8990	84	90	60-140	7	
Bromomethane	ug/L	<830	10000	10000	8620	10300	86	103	60-140	18	
Carbon tetrachloride	ug/L	<166	10000	10000	8500	9500	85	95	60-140	11	
Chlorobenzene	ug/L	<142	10000	10000	8740	9620	87	96	60-140	10	
Chloroethane	ug/L	<324	10000	10000	10100	11200	101	112	60-140	10	
Chloroform	ug/L	<176	10000	10000	7330	8530	73	85	60-140	15	
Chloromethane	ug/L	<270	10000	10000	6650	8030	67	80	60-140	19	
cis-1,2-Dichloroethene	ug/L	<192	10000	10000	8590	9760	86	98	60-140	13	
cis-1,3-Dichloropropene	ug/L	<182	10000	10000	8160	9580	82	96	60-140	16	
Dibromochloromethane	ug/L	<180	10000	10000	8960	10100	90	101	60-140	12	
Dibromomethane	ug/L	<197	10000	10000	8570	9340	86	93	60-140	9	
Dichlorodifluoromethane	ug/L	<173	10000	10000	6600	7990	66	80	60-140	19	
Diisopropyl ether	ug/L	<154	10000	10000	7620	8940	76	89	60-140	16	
Ethylbenzene	ug/L	526	10000	10000	8910	10000	84	95	60-140	12	
Hexachloro-1,3-butadiene	ug/L	<765	10000	10000	7670	8360	77	84	60-140	9	
Isopropylbenzene (Cumene)	ug/L	<166	10000	10000	8520	9100	85	91	60-140	7	
m&p-Xylene	ug/L	1460	20000	20000	18300	20500	84	95	60-140	11	
Methyl-tert-butyl ether	ug/L	<211	10000	10000	7860	8930	79	89	60-140	13	
Methylene Chloride	ug/L	<975	10000	10000	8100	9190	81	92	60-140	13	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92534064

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3239383 3239384											
Parameter	92534243005		MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.							
n-Butylbenzene	ug/L	<245	10000	10000	7860	8540	79	85	60-140	8	
n-Propylbenzene	ug/L	<170	10000	10000	8720	9520	87	95	60-140	9	
Naphthalene	ug/L	<322	10000	10000	6870	8440	67	83	60-140	21	
o-Xylene	ug/L	665	10000	10000	8910	9910	82	92	60-140	11	
sec-Butylbenzene	ug/L	<200	10000	10000	8090	9090	81	91	60-140	12	
Styrene	ug/L	<146	10000	10000	8650	9320	86	93	60-140	7	
tert-Butylbenzene	ug/L	<162	10000	10000	7120	7920	71	79	60-140	11	
Tetrachloroethene	ug/L	<146	10000	10000	8730	9560	87	96	60-140	9	
Toluene	ug/L	96700	10000	10000	103000	130000	65	330	60-140	23	E,M1
trans-1,2-Dichloroethene	ug/L	<198	10000	10000	8560	9770	86	98	60-140	13	
trans-1,3-Dichloropropene	ug/L	<182	10000	10000	8120	9870	81	99	60-140	19	
Trichloroethene	ug/L	<192	10000	10000	8440	9490	84	95	60-140	12	
Trichlorofluoromethane	ug/L	<149	10000	10000	9030	9790	90	98	60-140	8	
Vinyl chloride	ug/L	<193	10000	10000	7360	8840	74	88	60-140	18	
1,2-Dichloroethane-d4 (S)	%						101	102	70-130		
4-Bromofluorobenzene (S)	%						105	94	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92534064

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92534064

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92534064001	13926B_HC_RD_20210420	MADEP VPH	615000		
92534064001	13926B_HC_RD_20210420	EPA 3010A	615058	EPA 6010D	615080
92534064001	13926B_HC_RD_20210420	SM 6200B	615581		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

*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# : 92534064

PM: AMB

Due Date: 04/27/21

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-)	WGFLU-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)-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)	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 DEHHA Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

April 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.: 92534072

Dear Andrew Street:

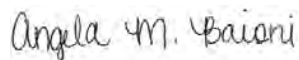
Enclosed are the analytical results for sample(s) received by the laboratory on April 20, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise 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
Robert Hughes, Colonial Pipeline
Margaret King, APEX Companies, LLC
Cameron Lee, Montrose-EPS
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92534072

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92534072

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92534072001	14401_HC_RD_20210420	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	RDT	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92534072

Sample: 14401_HC_RD_20210420		Lab ID: 92534072001		Collected: 04/20/21 09:20		Received: 04/20/21 13:05		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
VPH NC Water		Analytical Method: MADEP VPH Pace Analytical Services - Charlotte							
Aliphatic (C05-C08)	ND	ug/L	50.0	1		04/21/21 18:49		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/21/21 18:49		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/21/21 18:49		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/21/21 18:49		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	94	%	70-130	1		04/21/21 18:49	460-00-4		
4-Bromofluorobenzene (PID) (S)	83	%	70-130	1		04/21/21 18:49	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/21/21 01:46	04/26/21 00:55	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/21/21 15:14	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/21/21 15:14	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/21/21 15:14	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/21/21 15:14	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/21/21 15:14	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/21/21 15:14	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/21/21 15:14	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/21/21 15:14	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/21/21 15:14	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/21/21 15:14	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/21/21 15:14	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/21/21 15:14	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/21/21 15:14	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/21/21 15:14	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/21/21 15:14	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/21/21 15:14	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/21/21 15:14	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/21/21 15:14	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/21/21 15:14	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/21/21 15:14	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/21/21 15:14	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/21/21 15:14	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/21/21 15:14	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/21/21 15:14	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/21/21 15:14	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/21/21 15:14	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/21/21 15:14	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/21/21 15:14	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/21/21 15:14	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/21/21 15:14	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/21/21 15:14	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/21/21 15:14	594-20-7		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92534072

Sample: 14401_HC_RD_20210420		Lab ID: 92534072001		Collected: 04/20/21 09:20		Received: 04/20/21 13:05		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1-Dichloropropene	ND	ug/L	0.50	1		04/21/21 15:14	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/21/21 15:14	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/21/21 15:14	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/21/21 15:14	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/21/21 15:14	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/21/21 15:14	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/21/21 15:14	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/21/21 15:14	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/21/21 15:14	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/21/21 15:14	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/21/21 15:14	103-65-1		
Styrene	ND	ug/L	0.50	1		04/21/21 15:14	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/21/21 15:14	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/21/21 15:14	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/21/21 15:14	127-18-4		
Toluene	ND	ug/L	0.50	1		04/21/21 15:14	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/21/21 15:14	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/21/21 15:14	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/21/21 15:14	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/21/21 15:14	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/21/21 15:14	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/21/21 15:14	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/21/21 15:14	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/21/21 15:14	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/21/21 15:14	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/21/21 15:14	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/21/21 15:14	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/21/21 15:14	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	70-130	1		04/21/21 15:14	17060-07-0		
4-Bromofluorobenzene (S)	90	%	70-130	1		04/21/21 15:14	460-00-4		
Toluene-d8 (S)	100	%	70-130	1		04/21/21 15:14	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92534072

QC Batch:	615000	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92534072001

METHOD BLANK: 3236487 Matrix: Water
Associated Lab Samples: 92534072001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/21/21 13:34	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/21/21 13:34	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/21/21 13:34	N2
4-Bromofluorobenzene (FID) (S)	%	92	70-130	04/21/21 13:34	
4-Bromofluorobenzene (PID) (S)	%	81	70-130	04/21/21 13:34	

LABORATORY CONTROL SAMPLE & LCSD: 3236488

		3236489								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	286	267	95	89	70-130	7	25	N2
Aliphatic (C09-C12)	ug/L	300	272	271	91	90	70-130	0	25	N2
Aromatic (C09-C10)	ug/L	100	91.1	86.6	91	87	70-130	5	25	N2
4-Bromofluorobenzene (FID) (S)	%				95	94	70-130			
4-Bromofluorobenzene (PID) (S)	%				82	81	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92534072

QC Batch: 615058

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92534072001

METHOD BLANK: 3236811

Matrix: Water

Associated Lab Samples: 92534072001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/26/21 18:05	

LABORATORY CONTROL SAMPLE: 3236812

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	495	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3236813 3236814

Parameter	Units	92533772001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Lead	ug/L	ND	500	500	488	488	97	97	75-125	0	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92534072

QC Batch: 615118	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92534072001

METHOD BLANK: 3236943 Matrix: Water

Associated Lab Samples: 92534072001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,1-Dichloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,1-Dichloroethene	ug/L	ND	0.50	04/21/21 12:50	
1,1-Dichloropropene	ug/L	ND	0.50	04/21/21 12:50	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/21/21 12:50	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/21/21 12:50	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/21/21 12:50	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/21/21 12:50	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/21/21 12:50	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/21/21 12:50	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/21/21 12:50	
1,2-Dichloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,2-Dichloropropane	ug/L	ND	0.50	04/21/21 12:50	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/21/21 12:50	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/21/21 12:50	
1,3-Dichloropropane	ug/L	ND	0.50	04/21/21 12:50	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/21/21 12:50	
2,2-Dichloropropane	ug/L	ND	0.50	04/21/21 12:50	
2-Chlorotoluene	ug/L	ND	0.50	04/21/21 12:50	
4-Chlorotoluene	ug/L	ND	0.50	04/21/21 12:50	
Benzene	ug/L	ND	0.50	04/21/21 12:50	
Bromobenzene	ug/L	ND	0.50	04/21/21 12:50	
Bromochloromethane	ug/L	ND	0.50	04/21/21 12:50	
Bromodichloromethane	ug/L	ND	0.50	04/21/21 12:50	
Bromoform	ug/L	ND	0.50	04/21/21 12:50	
Bromomethane	ug/L	ND	5.0	04/21/21 12:50	
Carbon tetrachloride	ug/L	ND	0.50	04/21/21 12:50	
Chlorobenzene	ug/L	ND	0.50	04/21/21 12:50	
Chloroethane	ug/L	ND	1.0	04/21/21 12:50	
Chloroform	ug/L	ND	0.50	04/21/21 12:50	
Chloromethane	ug/L	ND	1.0	04/21/21 12:50	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/21/21 12:50	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/21/21 12:50	
Dibromochloromethane	ug/L	ND	0.50	04/21/21 12:50	
Dibromomethane	ug/L	ND	0.50	04/21/21 12:50	
Dichlorodifluoromethane	ug/L	ND	0.50	04/21/21 12:50	
Diisopropyl ether	ug/L	ND	0.50	04/21/21 12:50	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92534072

METHOD BLANK: 3236943

Matrix: Water

Associated Lab Samples: 92534072001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/21/21 12:50	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/21/21 12:50	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/21/21 12:50	
m&p-Xylene	ug/L	ND	1.0	04/21/21 12:50	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/21/21 12:50	
Methylene Chloride	ug/L	ND	2.0	04/21/21 12:50	
n-Butylbenzene	ug/L	ND	0.50	04/21/21 12:50	
n-Propylbenzene	ug/L	ND	0.50	04/21/21 12:50	
Naphthalene	ug/L	ND	2.0	04/21/21 12:50	
o-Xylene	ug/L	ND	0.50	04/21/21 12:50	
sec-Butylbenzene	ug/L	ND	0.50	04/21/21 12:50	
Styrene	ug/L	ND	0.50	04/21/21 12:50	
tert-Butylbenzene	ug/L	ND	0.50	04/21/21 12:50	
Tetrachloroethene	ug/L	ND	0.50	04/21/21 12:50	
Toluene	ug/L	ND	0.50	04/21/21 12:50	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/21/21 12:50	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/21/21 12:50	
Trichloroethene	ug/L	ND	0.50	04/21/21 12:50	
Trichlorofluoromethane	ug/L	ND	1.0	04/21/21 12:50	
Vinyl chloride	ug/L	ND	1.0	04/21/21 12:50	
1,2-Dichloroethane-d4 (S)	%	96	70-130	04/21/21 12:50	
4-Bromofluorobenzene (S)	%	93	70-130	04/21/21 12:50	
Toluene-d8 (S)	%	101	70-130	04/21/21 12:50	

LABORATORY CONTROL SAMPLE: 3236944

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	50.4	101	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	52.3	105	60-140	
1,1,2-Trichloroethane	ug/L	50	50.9	102	60-140	
1,1-Dichloroethane	ug/L	50	51.4	103	60-140	
1,1-Dichloroethene	ug/L	50	53.6	107	60-140	
1,1-Dichloropropene	ug/L	50	50.1	100	60-140	
1,2,3-Trichlorobenzene	ug/L	50	47.1	94	60-140	
1,2,3-Trichloropropane	ug/L	50	53.3	107	60-140	
1,2,4-Trichlorobenzene	ug/L	50	47.9	96	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.8	98	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	55.2	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	55.8	112	60-140	
1,2-Dichlorobenzene	ug/L	50	48.7	97	60-140	
1,2-Dichloroethane	ug/L	50	45.0	90	60-140	
1,2-Dichloropropane	ug/L	50	51.4	103	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.3	101	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92534072

LABORATORY CONTROL SAMPLE: 3236944

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.0	98	60-140	
1,3-Dichloropropane	ug/L	50	55.5	111	60-140	
1,4-Dichlorobenzene	ug/L	50	49.7	99	60-140	
2,2-Dichloropropane	ug/L	50	52.4	105	60-140	
2-Chlorotoluene	ug/L	50	49.6	99	60-140	
4-Chlorotoluene	ug/L	50	49.0	98	60-140	
Benzene	ug/L	50	50.5	101	60-140	
Bromobenzene	ug/L	50	52.7	105	60-140	
Bromochloromethane	ug/L	50	50.8	102	60-140	
Bromodichloromethane	ug/L	50	50.3	101	60-140	
Bromoform	ug/L	50	55.8	112	60-140	
Bromomethane	ug/L	50	52.8	106	60-140	
Carbon tetrachloride	ug/L	50	50.5	101	60-140	
Chlorobenzene	ug/L	50	52.0	104	60-140	
Chloroethane	ug/L	50	44.6	89	60-140	
Chloroform	ug/L	50	43.7	87	60-140	
Chloromethane	ug/L	50	46.6	93	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.7	101	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.2	104	60-140	
Dibromochloromethane	ug/L	50	57.2	114	60-140	
Dibromomethane	ug/L	50	50.4	101	60-140	
Dichlorodifluoromethane	ug/L	50	44.3	89	60-140	
Diisopropyl ether	ug/L	50	46.2	92	60-140	
Ethylbenzene	ug/L	50	50.3	101	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.8	98	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.1	100	60-140	
m&p-Xylene	ug/L	100	103	103	60-140	
Methyl-tert-butyl ether	ug/L	50	46.7	93	60-140	
Methylene Chloride	ug/L	50	46.7	93	60-140	
n-Butylbenzene	ug/L	50	50.1	100	60-140	
n-Propylbenzene	ug/L	50	49.8	100	60-140	
Naphthalene	ug/L	50	46.8	94	60-140	
o-Xylene	ug/L	50	49.9	100	60-140	
sec-Butylbenzene	ug/L	50	48.7	97	60-140	
Styrene	ug/L	50	52.4	105	60-140	
tert-Butylbenzene	ug/L	50	41.7	83	60-140	
Tetrachloroethene	ug/L	50	52.4	105	60-140	
Toluene	ug/L	50	48.9	98	60-140	
trans-1,2-Dichloroethene	ug/L	50	51.3	103	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.3	105	60-140	
Trichloroethene	ug/L	50	50.0	100	60-140	
Trichlorofluoromethane	ug/L	50	46.1	92	60-140	
Vinyl chloride	ug/L	50	46.3	93	60-140	
1,2-Dichloroethane-d4 (S)	%			92	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			97	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92534072

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3236945 3236946											
Parameter	Units	92533796001		MS	MSD	MS		MSD	% Rec		Qual
		Result	Conc.	Spike	Spike	Result	Result	Result	% Rec	Limits	
1,1,1,2-Tetrachloroethane	ug/L	ND	2000	2000	2000	2200	2140	110	107	60-140	3
1,1,1-Trichloroethane	ug/L	ND	2000	2000	2000	2180	2200	109	110	60-140	1
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2000	2000	2150	2120	108	106	60-140	1
1,1,2-Trichloroethane	ug/L	ND	2000	2000	2000	2130	2130	107	106	60-140	0
1,1-Dichloroethane	ug/L	ND	2000	2000	2000	2210	2200	111	110	60-140	1
1,1-Dichloroethene	ug/L	ND	2000	2000	2000	2320	2350	116	117	60-140	1
1,1-Dichloropropene	ug/L	ND	2000	2000	2000	2190	2180	109	109	60-140	0
1,2,3-Trichlorobenzene	ug/L	ND	2000	2000	2000	1870	1850	94	92	60-140	1
1,2,3-Trichloropropane	ug/L	ND	2000	2000	2000	2190	2080	110	104	60-140	5
1,2,4-Trichlorobenzene	ug/L	ND	2000	2000	2000	1860	1850	93	93	60-140	1
1,2,4-Trimethylbenzene	ug/L	915	2000	2000	2000	3010	2940	105	101	60-140	2
1,2-Dibromo-3-chloropropane	ug/L	ND	2000	2000	2000	2270	2150	113	107	60-140	6
1,2-Dibromoethane (EDB)	ug/L	ND	2000	2000	2000	2280	2220	114	111	60-140	2
1,2-Dichlorobenzene	ug/L	ND	2000	2000	2000	1960	1920	98	96	60-140	2
1,2-Dichloroethane	ug/L	ND	2000	2000	2000	1900	1920	95	96	60-140	1
1,2-Dichloropropane	ug/L	ND	2000	2000	2000	2180	2110	109	106	60-140	3
1,3,5-Trimethylbenzene	ug/L	ND	2000	2000	2000	2340	2250	117	112	60-140	4
1,3-Dichlorobenzene	ug/L	ND	2000	2000	2000	1960	1940	98	97	60-140	1
1,3-Dichloropropane	ug/L	ND	2000	2000	2000	2300	2240	115	112	60-140	3
1,4-Dichlorobenzene	ug/L	ND	2000	2000	2000	2000	1970	100	99	60-140	1
2,2-Dichloropropane	ug/L	ND	2000	2000	2000	1850	1830	92	91	60-140	1
2-Chlorotoluene	ug/L	ND	2000	2000	2000	2130	2110	107	105	60-140	1
4-Chlorotoluene	ug/L	ND	2000	2000	2000	2020	1980	101	99	60-140	2
Benzene	ug/L	8140	2000	2000	2000	10200	10100	103	98	60-140	1
Bromobenzene	ug/L	ND	2000	2000	2000	2230	2170	111	109	60-140	2
Bromochloromethane	ug/L	ND	2000	2000	2000	2170	2100	108	105	60-140	3
Bromodichloromethane	ug/L	ND	2000	2000	2000	2040	2060	102	103	60-140	1
Bromoform	ug/L	ND	2000	2000	2000	2180	2110	109	106	60-140	3
Bromomethane	ug/L	ND	2000	2000	2000	2580	2620	129	131	60-140	2
Carbon tetrachloride	ug/L	ND	2000	2000	2000	2110	2140	106	107	60-140	1
Chlorobenzene	ug/L	ND	2000	2000	2000	2210	2150	110	108	60-140	3
Chloroethane	ug/L	ND	2000	2000	2000	2580	2500	129	125	60-140	3
Chloroform	ug/L	ND	2000	2000	2000	1860	1860	93	93	60-140	0
Chloromethane	ug/L	ND	2000	2000	2000	1850	1890	92	95	60-140	3
cis-1,2-Dichloroethene	ug/L	ND	2000	2000	2000	2180	2150	109	108	60-140	1
cis-1,3-Dichloropropene	ug/L	ND	2000	2000	2000	2040	2040	102	102	60-140	0
Dibromochloromethane	ug/L	ND	2000	2000	2000	2290	2270	115	113	60-140	1
Dibromomethane	ug/L	ND	2000	2000	2000	2090	2090	105	104	60-140	0
Dichlorodifluoromethane	ug/L	ND	2000	2000	2000	1690	1720	84	86	60-140	2
Diisopropyl ether	ug/L	4740	2000	2000	2000	6480	6470	87	87	60-140	0
Ethylbenzene	ug/L	942	2000	2000	2000	3090	3030	107	104	60-140	2
Hexachloro-1,3-butadiene	ug/L	ND	2000	2000	2000	1910	1830	96	92	60-140	4
Isopropylbenzene (Cumene)	ug/L	ND	2000	2000	2000	2130	2090	106	104	60-140	2
m&p-Xylene	ug/L	3730	4000	4000	4000	8120	7920	110	105	60-140	3
Methyl-tert-butyl ether	ug/L	9950	2000	2000	2000	11700	11500	85	79	60-140	1
Methylene Chloride	ug/L	ND	2000	2000	2000	2040	2050	102	102	60-140	0

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92534072

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3236945 3236946											
Parameter	Units	92533796001		MS	MSD	3236945		MS	MSD	3236946	
		Result	Conc.	Spike	Spike	Result	Conc.	Result	Conc.	% Rec	% Rec
										Limits	RPD
n-Butylbenzene	ug/L	ND	2000	2000	2000	1950	1940	98	97	60-140	1
n-Propylbenzene	ug/L	ND	2000	2000	2000	2150	2080	108	104	60-140	4
Naphthalene	ug/L	640	2000	2000	2000	2450	2450	91	90	60-140	0
o-Xylene	ug/L	1990	2000	2000	2000	4110	4020	106	102	60-140	2
sec-Butylbenzene	ug/L	ND	2000	2000	2000	2040	2040	102	102	60-140	0
Styrene	ug/L	119	2000	2000	2000	2260	2220	107	105	60-140	2
tert-Butylbenzene	ug/L	ND	2000	2000	2000	1790	1770	90	88	60-140	1
Tetrachloroethene	ug/L	ND	2000	2000	2000	2230	2150	112	107	60-140	4
Toluene	ug/L	14800	2000	2000	2000	16300	16000	75	62	60-140	2
trans-1,2-Dichloroethene	ug/L	ND	2000	2000	2000	2190	2240	110	112	60-140	2
trans-1,3-Dichloropropene	ug/L	ND	2000	2000	2000	2060	2060	103	103	60-140	0
Trichloroethene	ug/L	ND	2000	2000	2000	2140	2140	107	107	60-140	0
Trichlorofluoromethane	ug/L	ND	2000	2000	2000	2280	2240	114	112	60-140	2
Vinyl chloride	ug/L	ND	2000	2000	2000	1910	1960	95	98	60-140	3
1,2-Dichloroethane-d4 (S)	%							97	101	70-130	
4-Bromofluorobenzene (S)	%							98	98	70-130	
Toluene-d8 (S)	%							97	97	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92534072

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92534072

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92534072001	14401_HC_RD_20210420	MADEP VPH	615000		
92534072001	14401_HC_RD_20210420	EPA 3010A	615058	EPA 6010D	615080
92534072001	14401_HC_RD_20210420	SM 6200B	615118		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Issuing Authority:
Pace Carolinas Quality Office

MO#: 92534072

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

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

[illegible]

Note: Whenever there is a discrepancy affecting North Carolina comp. Out of hold, incorrect preservative, out of temp, incorrect containers.

April 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.: 92534073

Dear Andrew Street:

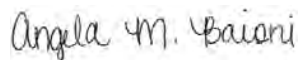
Enclosed are the analytical results for sample(s) received by the laboratory on April 20, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise 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
Robert Hughes, Colonial Pipeline
Margaret King, APEX Companies, LLC
Cameron Lee, Montrose-EPS
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92534073

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92534073

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92534073001	13800_HC_RD_20210420	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	RDT	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92534073

Sample: 13800_HC_RD_20210420		Lab ID: 92534073001		Collected: 04/20/21 08:15		Received: 04/20/21 13:05		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water		Analytical Method: MADEP VPH							
		Pace Analytical Services - Charlotte							
Aliphatic (C05-C08)		ND	ug/L	50.0	1		04/21/21 19:18		N2
Aliphatic (C09-C12)		ND	ug/L	50.0	1		04/21/21 19:18		N2
Aliphatic(C09-C12) Adjusted		ND	ug/L	50.0	1		04/21/21 19:18		N2
Aromatic (C09-C10)		ND	ug/L	50.0	1		04/21/21 19:18		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)		92	%	70-130	1		04/21/21 19:18	460-00-4	
4-Bromofluorobenzene (PID) (S)		80	%	70-130	1		04/21/21 19:18	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A							
		Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/21/21 01:46	04/26/21 00:58	7439-92-1		
6200B MSV		Analytical Method: SM 6200B							
		Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/21/21 15:32	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/21/21 15:32	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/21/21 15:32	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/21/21 15:32	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/21/21 15:32	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/21/21 15:32	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/21/21 15:32	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/21/21 15:32	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/21/21 15:32	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/21/21 15:32	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/21/21 15:32	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/21/21 15:32	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/21/21 15:32	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/21/21 15:32	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/21/21 15:32	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/21/21 15:32	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/21/21 15:32	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/21/21 15:32	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/21/21 15:32	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/21/21 15:32	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/21/21 15:32	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/21/21 15:32	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/21/21 15:32	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/21/21 15:32	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/21/21 15:32	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/21/21 15:32	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/21/21 15:32	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/21/21 15:32	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/21/21 15:32	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/21/21 15:32	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/21/21 15:32	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/21/21 15:32	594-20-7		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92534073

Sample: 13800_HC_RD_20210420		Lab ID: 92534073001		Collected: 04/20/21 08:15		Received: 04/20/21 13:05		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1-Dichloropropene	ND	ug/L	0.50	1		04/21/21 15:32	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/21/21 15:32	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/21/21 15:32	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/21/21 15:32	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/21/21 15:32	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/21/21 15:32	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/21/21 15:32	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/21/21 15:32	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/21/21 15:32	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/21/21 15:32	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/21/21 15:32	103-65-1		
Styrene	ND	ug/L	0.50	1		04/21/21 15:32	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/21/21 15:32	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/21/21 15:32	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/21/21 15:32	127-18-4		
Toluene	ND	ug/L	0.50	1		04/21/21 15:32	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/21/21 15:32	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/21/21 15:32	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/21/21 15:32	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/21/21 15:32	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/21/21 15:32	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/21/21 15:32	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/21/21 15:32	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/21/21 15:32	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/21/21 15:32	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/21/21 15:32	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/21/21 15:32	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/21/21 15:32	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	95	%	70-130	1		04/21/21 15:32	17060-07-0		
4-Bromofluorobenzene (S)	91	%	70-130	1		04/21/21 15:32	460-00-4		
Toluene-d8 (S)	101	%	70-130	1		04/21/21 15:32	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92534073

QC Batch:	615000	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92534073001

METHOD BLANK: 3236487 Matrix: Water

Associated Lab Samples: 92534073001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/21/21 13:34	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/21/21 13:34	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/21/21 13:34	N2
4-Bromofluorobenzene (FID) (S)	%	92	70-130	04/21/21 13:34	
4-Bromofluorobenzene (PID) (S)	%	81	70-130	04/21/21 13:34	

LABORATORY CONTROL SAMPLE & LCSD: 3236488

		3236489								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	286	267	95	89	70-130	7	25	N2
Aliphatic (C09-C12)	ug/L	300	272	271	91	90	70-130	0	25	N2
Aromatic (C09-C10)	ug/L	100	91.1	86.6	91	87	70-130	5	25	N2
4-Bromofluorobenzene (FID) (S)	%				95	94	70-130			
4-Bromofluorobenzene (PID) (S)	%				82	81	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92534073

QC Batch: 615058

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92534073001

METHOD BLANK: 3236811

Matrix: Water

Associated Lab Samples: 92534073001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/26/21 18:05	

LABORATORY CONTROL SAMPLE: 3236812

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	495	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3236813 3236814

Parameter	Units	92533772001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Lead	ug/L	ND	500	500	488	488	97	97	75-125	0	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92534073

QC Batch: 615118	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92534073001

METHOD BLANK: 3236943 Matrix: Water

Associated Lab Samples: 92534073001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,1-Dichloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,1-Dichloroethene	ug/L	ND	0.50	04/21/21 12:50	
1,1-Dichloropropene	ug/L	ND	0.50	04/21/21 12:50	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/21/21 12:50	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/21/21 12:50	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/21/21 12:50	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/21/21 12:50	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/21/21 12:50	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/21/21 12:50	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/21/21 12:50	
1,2-Dichloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,2-Dichloropropane	ug/L	ND	0.50	04/21/21 12:50	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/21/21 12:50	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/21/21 12:50	
1,3-Dichloropropane	ug/L	ND	0.50	04/21/21 12:50	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/21/21 12:50	
2,2-Dichloropropane	ug/L	ND	0.50	04/21/21 12:50	
2-Chlorotoluene	ug/L	ND	0.50	04/21/21 12:50	
4-Chlorotoluene	ug/L	ND	0.50	04/21/21 12:50	
Benzene	ug/L	ND	0.50	04/21/21 12:50	
Bromobenzene	ug/L	ND	0.50	04/21/21 12:50	
Bromochloromethane	ug/L	ND	0.50	04/21/21 12:50	
Bromodichloromethane	ug/L	ND	0.50	04/21/21 12:50	
Bromoform	ug/L	ND	0.50	04/21/21 12:50	
Bromomethane	ug/L	ND	5.0	04/21/21 12:50	
Carbon tetrachloride	ug/L	ND	0.50	04/21/21 12:50	
Chlorobenzene	ug/L	ND	0.50	04/21/21 12:50	
Chloroethane	ug/L	ND	1.0	04/21/21 12:50	
Chloroform	ug/L	ND	0.50	04/21/21 12:50	
Chloromethane	ug/L	ND	1.0	04/21/21 12:50	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/21/21 12:50	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/21/21 12:50	
Dibromochloromethane	ug/L	ND	0.50	04/21/21 12:50	
Dibromomethane	ug/L	ND	0.50	04/21/21 12:50	
Dichlorodifluoromethane	ug/L	ND	0.50	04/21/21 12:50	
Diisopropyl ether	ug/L	ND	0.50	04/21/21 12:50	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92534073

METHOD BLANK: 3236943

Matrix: Water

Associated Lab Samples: 92534073001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/21/21 12:50	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/21/21 12:50	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/21/21 12:50	
m&p-Xylene	ug/L	ND	1.0	04/21/21 12:50	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/21/21 12:50	
Methylene Chloride	ug/L	ND	2.0	04/21/21 12:50	
n-Butylbenzene	ug/L	ND	0.50	04/21/21 12:50	
n-Propylbenzene	ug/L	ND	0.50	04/21/21 12:50	
Naphthalene	ug/L	ND	2.0	04/21/21 12:50	
o-Xylene	ug/L	ND	0.50	04/21/21 12:50	
sec-Butylbenzene	ug/L	ND	0.50	04/21/21 12:50	
Styrene	ug/L	ND	0.50	04/21/21 12:50	
tert-Butylbenzene	ug/L	ND	0.50	04/21/21 12:50	
Tetrachloroethene	ug/L	ND	0.50	04/21/21 12:50	
Toluene	ug/L	ND	0.50	04/21/21 12:50	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/21/21 12:50	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/21/21 12:50	
Trichloroethene	ug/L	ND	0.50	04/21/21 12:50	
Trichlorofluoromethane	ug/L	ND	1.0	04/21/21 12:50	
Vinyl chloride	ug/L	ND	1.0	04/21/21 12:50	
1,2-Dichloroethane-d4 (S)	%	96	70-130	04/21/21 12:50	
4-Bromofluorobenzene (S)	%	93	70-130	04/21/21 12:50	
Toluene-d8 (S)	%	101	70-130	04/21/21 12:50	

LABORATORY CONTROL SAMPLE: 3236944

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	50.4	101	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	52.3	105	60-140	
1,1,2-Trichloroethane	ug/L	50	50.9	102	60-140	
1,1-Dichloroethane	ug/L	50	51.4	103	60-140	
1,1-Dichloroethene	ug/L	50	53.6	107	60-140	
1,1-Dichloropropene	ug/L	50	50.1	100	60-140	
1,2,3-Trichlorobenzene	ug/L	50	47.1	94	60-140	
1,2,3-Trichloropropane	ug/L	50	53.3	107	60-140	
1,2,4-Trichlorobenzene	ug/L	50	47.9	96	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.8	98	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	55.2	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	55.8	112	60-140	
1,2-Dichlorobenzene	ug/L	50	48.7	97	60-140	
1,2-Dichloroethane	ug/L	50	45.0	90	60-140	
1,2-Dichloropropane	ug/L	50	51.4	103	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.3	101	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92534073

LABORATORY CONTROL SAMPLE: 3236944

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.0	98	60-140	
1,3-Dichloropropane	ug/L	50	55.5	111	60-140	
1,4-Dichlorobenzene	ug/L	50	49.7	99	60-140	
2,2-Dichloropropane	ug/L	50	52.4	105	60-140	
2-Chlorotoluene	ug/L	50	49.6	99	60-140	
4-Chlorotoluene	ug/L	50	49.0	98	60-140	
Benzene	ug/L	50	50.5	101	60-140	
Bromobenzene	ug/L	50	52.7	105	60-140	
Bromochloromethane	ug/L	50	50.8	102	60-140	
Bromodichloromethane	ug/L	50	50.3	101	60-140	
Bromoform	ug/L	50	55.8	112	60-140	
Bromomethane	ug/L	50	52.8	106	60-140	
Carbon tetrachloride	ug/L	50	50.5	101	60-140	
Chlorobenzene	ug/L	50	52.0	104	60-140	
Chloroethane	ug/L	50	44.6	89	60-140	
Chloroform	ug/L	50	43.7	87	60-140	
Chloromethane	ug/L	50	46.6	93	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.7	101	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.2	104	60-140	
Dibromochloromethane	ug/L	50	57.2	114	60-140	
Dibromomethane	ug/L	50	50.4	101	60-140	
Dichlorodifluoromethane	ug/L	50	44.3	89	60-140	
Diisopropyl ether	ug/L	50	46.2	92	60-140	
Ethylbenzene	ug/L	50	50.3	101	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.8	98	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.1	100	60-140	
m&p-Xylene	ug/L	100	103	103	60-140	
Methyl-tert-butyl ether	ug/L	50	46.7	93	60-140	
Methylene Chloride	ug/L	50	46.7	93	60-140	
n-Butylbenzene	ug/L	50	50.1	100	60-140	
n-Propylbenzene	ug/L	50	49.8	100	60-140	
Naphthalene	ug/L	50	46.8	94	60-140	
o-Xylene	ug/L	50	49.9	100	60-140	
sec-Butylbenzene	ug/L	50	48.7	97	60-140	
Styrene	ug/L	50	52.4	105	60-140	
tert-Butylbenzene	ug/L	50	41.7	83	60-140	
Tetrachloroethene	ug/L	50	52.4	105	60-140	
Toluene	ug/L	50	48.9	98	60-140	
trans-1,2-Dichloroethene	ug/L	50	51.3	103	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.3	105	60-140	
Trichloroethene	ug/L	50	50.0	100	60-140	
Trichlorofluoromethane	ug/L	50	46.1	92	60-140	
Vinyl chloride	ug/L	50	46.3	93	60-140	
1,2-Dichloroethane-d4 (S)	%			92	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			97	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92534073

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3236945 3236946											
Parameter	Units	92533796001		MS	MSD	3236946		MS	MSD	% Rec	% Rec
		Result	Conc.	Spike	Spike	Result	Result	Conc.	Conc.		
										Limits	RPD
1,1,1,2-Tetrachloroethane	ug/L	ND	2000	2000	2000	2200	2140	110	107	60-140	3
1,1,1-Trichloroethane	ug/L	ND	2000	2000	2000	2180	2200	109	110	60-140	1
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2000	2000	2150	2120	108	106	60-140	1
1,1,2-Trichloroethane	ug/L	ND	2000	2000	2000	2130	2130	107	106	60-140	0
1,1-Dichloroethane	ug/L	ND	2000	2000	2000	2210	2200	111	110	60-140	1
1,1-Dichloroethene	ug/L	ND	2000	2000	2000	2320	2350	116	117	60-140	1
1,1-Dichloropropene	ug/L	ND	2000	2000	2000	2190	2180	109	109	60-140	0
1,2,3-Trichlorobenzene	ug/L	ND	2000	2000	2000	1870	1850	94	92	60-140	1
1,2,3-Trichloropropane	ug/L	ND	2000	2000	2000	2190	2080	110	104	60-140	5
1,2,4-Trichlorobenzene	ug/L	ND	2000	2000	2000	1860	1850	93	93	60-140	1
1,2,4-Trimethylbenzene	ug/L	915	2000	2000	2000	3010	2940	105	101	60-140	2
1,2-Dibromo-3-chloropropane	ug/L	ND	2000	2000	2000	2270	2150	113	107	60-140	6
1,2-Dibromoethane (EDB)	ug/L	ND	2000	2000	2000	2280	2220	114	111	60-140	2
1,2-Dichlorobenzene	ug/L	ND	2000	2000	2000	1960	1920	98	96	60-140	2
1,2-Dichloroethane	ug/L	ND	2000	2000	2000	1900	1920	95	96	60-140	1
1,2-Dichloropropane	ug/L	ND	2000	2000	2000	2180	2110	109	106	60-140	3
1,3,5-Trimethylbenzene	ug/L	ND	2000	2000	2000	2340	2250	117	112	60-140	4
1,3-Dichlorobenzene	ug/L	ND	2000	2000	2000	1960	1940	98	97	60-140	1
1,3-Dichloropropane	ug/L	ND	2000	2000	2000	2300	2240	115	112	60-140	3
1,4-Dichlorobenzene	ug/L	ND	2000	2000	2000	2000	1970	100	99	60-140	1
2,2-Dichloropropane	ug/L	ND	2000	2000	2000	1850	1830	92	91	60-140	1
2-Chlorotoluene	ug/L	ND	2000	2000	2000	2130	2110	107	105	60-140	1
4-Chlorotoluene	ug/L	ND	2000	2000	2000	2020	1980	101	99	60-140	2
Benzene	ug/L	8140	2000	2000	2000	10200	10100	103	98	60-140	1
Bromobenzene	ug/L	ND	2000	2000	2000	2230	2170	111	109	60-140	2
Bromochloromethane	ug/L	ND	2000	2000	2000	2170	2100	108	105	60-140	3
Bromodichloromethane	ug/L	ND	2000	2000	2000	2040	2060	102	103	60-140	1
Bromoform	ug/L	ND	2000	2000	2000	2180	2110	109	106	60-140	3
Bromomethane	ug/L	ND	2000	2000	2000	2580	2620	129	131	60-140	2
Carbon tetrachloride	ug/L	ND	2000	2000	2000	2110	2140	106	107	60-140	1
Chlorobenzene	ug/L	ND	2000	2000	2000	2210	2150	110	108	60-140	3
Chloroethane	ug/L	ND	2000	2000	2000	2580	2500	129	125	60-140	3
Chloroform	ug/L	ND	2000	2000	2000	1860	1860	93	93	60-140	0
Chloromethane	ug/L	ND	2000	2000	2000	1850	1890	92	95	60-140	3
cis-1,2-Dichloroethene	ug/L	ND	2000	2000	2000	2180	2150	109	108	60-140	1
cis-1,3-Dichloropropene	ug/L	ND	2000	2000	2000	2040	2040	102	102	60-140	0
Dibromochloromethane	ug/L	ND	2000	2000	2000	2290	2270	115	113	60-140	1
Dibromomethane	ug/L	ND	2000	2000	2000	2090	2090	105	104	60-140	0
Dichlorodifluoromethane	ug/L	ND	2000	2000	2000	1690	1720	84	86	60-140	2
Diisopropyl ether	ug/L	4740	2000	2000	2000	6480	6470	87	87	60-140	0
Ethylbenzene	ug/L	942	2000	2000	2000	3090	3030	107	104	60-140	2
Hexachloro-1,3-butadiene	ug/L	ND	2000	2000	2000	1910	1830	96	92	60-140	4
Isopropylbenzene (Cumene)	ug/L	ND	2000	2000	2000	2130	2090	106	104	60-140	2
m&p-Xylene	ug/L	3730	4000	4000	4000	8120	7920	110	105	60-140	3
Methyl-tert-butyl ether	ug/L	9950	2000	2000	2000	11700	11500	85	79	60-140	1
Methylene Chloride	ug/L	ND	2000	2000	2000	2040	2050	102	102	60-140	0

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92534073

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3236945 3236946											
Parameter	Units	92533796001		MS	MSD	3236945		MS	MSD	3236946	
		Result	Conc.	Spike	Spike	Result	Conc.	Result	Conc.	% Rec	% Rec
										Limits	RPD
n-Butylbenzene	ug/L	ND	2000	2000	2000	1950	1940	98	97	60-140	1
n-Propylbenzene	ug/L	ND	2000	2000	2000	2150	2080	108	104	60-140	4
Naphthalene	ug/L	640	2000	2000	2000	2450	2450	91	90	60-140	0
o-Xylene	ug/L	1990	2000	2000	2000	4110	4020	106	102	60-140	2
sec-Butylbenzene	ug/L	ND	2000	2000	2000	2040	2040	102	102	60-140	0
Styrene	ug/L	119	2000	2000	2000	2260	2220	107	105	60-140	2
tert-Butylbenzene	ug/L	ND	2000	2000	2000	1790	1770	90	88	60-140	1
Tetrachloroethene	ug/L	ND	2000	2000	2000	2230	2150	112	107	60-140	4
Toluene	ug/L	14800	2000	2000	2000	16300	16000	75	62	60-140	2
trans-1,2-Dichloroethene	ug/L	ND	2000	2000	2000	2190	2240	110	112	60-140	2
trans-1,3-Dichloropropene	ug/L	ND	2000	2000	2000	2060	2060	103	103	60-140	0
Trichloroethene	ug/L	ND	2000	2000	2000	2140	2140	107	107	60-140	0
Trichlorofluoromethane	ug/L	ND	2000	2000	2000	2280	2240	114	112	60-140	2
Vinyl chloride	ug/L	ND	2000	2000	2000	1910	1960	95	98	60-140	3
1,2-Dichloroethane-d4 (S)	%							97	101	70-130	
4-Bromofluorobenzene (S)	%							98	98	70-130	
Toluene-d8 (S)	%							97	97	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92534073

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92534073

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92534073001	13800_HC_RD_20210420	MADEP VPH	615000		
92534073001	13800_HC_RD_20210420	EPA 3010A	615058	EPA 6010D	615080
92534073001	13800_HC_RD_20210420	SM 6200B	615118		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

*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# : 92534073

PM: AMB

Due Date: 04/27/21

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 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)	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.

April 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.: 92534075

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on April 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
Robert Hughes, Colonial Pipeline
Margaret King, APEX Companies, LLC
Cameron Lee, Montrose-EPS
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92534075

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92534075

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92534075001	13835_AC_RD_20210420	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	RDT	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92534075

Sample: 13835_AC_RD_20210420		Lab ID: 92534075001		Collected: 04/20/21 10:55		Received: 04/20/21 13:05		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
VPH NC Water		Analytical Method: MADEP VPH Pace Analytical Services - Charlotte							
Aliphatic (C05-C08)	ND	ug/L	50.0	1		04/21/21 19:46		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/21/21 19:46		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/21/21 19:46		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/21/21 19:46		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	93	%	70-130	1		04/21/21 19:46	460-00-4		
4-Bromofluorobenzene (PID) (S)	82	%	70-130	1		04/21/21 19:46	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/21/21 01:46	04/26/21 01:14	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/21/21 16:26	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/21/21 16:26	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/21/21 16:26	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/21/21 16:26	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/21/21 16:26	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/21/21 16:26	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/21/21 16:26	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/21/21 16:26	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/21/21 16:26	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/21/21 16:26	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/21/21 16:26	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/21/21 16:26	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/21/21 16:26	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/21/21 16:26	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/21/21 16:26	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/21/21 16:26	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/21/21 16:26	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/21/21 16:26	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/21/21 16:26	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/21/21 16:26	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/21/21 16:26	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/21/21 16:26	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/21/21 16:26	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/21/21 16:26	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/21/21 16:26	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/21/21 16:26	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/21/21 16:26	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/21/21 16:26	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/21/21 16:26	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/21/21 16:26	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/21/21 16:26	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/21/21 16:26	594-20-7		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92534075

Sample: 13835_AC_RD_20210420		Lab ID: 92534075001		Collected: 04/20/21 10:55		Received: 04/20/21 13:05		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1-Dichloropropene	ND	ug/L	0.50	1		04/21/21 16:26	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/21/21 16:26	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/21/21 16:26	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/21/21 16:26	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/21/21 16:26	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/21/21 16:26	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/21/21 16:26	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/21/21 16:26	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/21/21 16:26	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/21/21 16:26	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/21/21 16:26	103-65-1		
Styrene	ND	ug/L	0.50	1		04/21/21 16:26	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/21/21 16:26	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/21/21 16:26	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/21/21 16:26	127-18-4		
Toluene	ND	ug/L	0.50	1		04/21/21 16:26	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/21/21 16:26	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/21/21 16:26	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/21/21 16:26	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/21/21 16:26	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/21/21 16:26	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/21/21 16:26	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/21/21 16:26	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/21/21 16:26	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/21/21 16:26	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/21/21 16:26	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/21/21 16:26	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/21/21 16:26	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	70-130	1		04/21/21 16:26	17060-07-0		
4-Bromofluorobenzene (S)	90	%	70-130	1		04/21/21 16:26	460-00-4		
Toluene-d8 (S)	101	%	70-130	1		04/21/21 16:26	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92534075

QC Batch: 615000

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92534075001

METHOD BLANK: 3236487

Matrix: Water

Associated Lab Samples: 92534075001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/21/21 13:34	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/21/21 13:34	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/21/21 13:34	N2
4-Bromofluorobenzene (FID) (S)	%	92	70-130	04/21/21 13:34	
4-Bromofluorobenzene (PID) (S)	%	81	70-130	04/21/21 13:34	

LABORATORY CONTROL SAMPLE & LCSD: 3236488

3236489

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	286	267	95	89	70-130	7	25	N2
Aliphatic (C09-C12)	ug/L	300	272	271	91	90	70-130	0	25	N2
Aromatic (C09-C10)	ug/L	100	91.1	86.6	91	87	70-130	5	25	N2
4-Bromofluorobenzene (FID) (S)	%				95	94	70-130			
4-Bromofluorobenzene (PID) (S)	%				82	81	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92534075

QC Batch: 615058	Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A	Analysis Description: 6010 MET
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92534075001

METHOD BLANK: 3236811 Matrix: Water

Associated Lab Samples: 92534075001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/26/21 18:05	

LABORATORY CONTROL SAMPLE: 3236812

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	495	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3236813 3236814

Parameter	Units	92533772001 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
			Spike Conc.	Spike Conc.							
Lead	ug/L	ND	500	500	488	488	97	97	75-125	0	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92534075

QC Batch: 615118	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92534075001

METHOD BLANK: 3236943 Matrix: Water
Associated Lab Samples: 92534075001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,1-Dichloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,1-Dichloroethene	ug/L	ND	0.50	04/21/21 12:50	
1,1-Dichloropropene	ug/L	ND	0.50	04/21/21 12:50	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/21/21 12:50	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/21/21 12:50	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/21/21 12:50	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/21/21 12:50	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/21/21 12:50	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/21/21 12:50	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/21/21 12:50	
1,2-Dichloroethane	ug/L	ND	0.50	04/21/21 12:50	
1,2-Dichloropropane	ug/L	ND	0.50	04/21/21 12:50	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/21/21 12:50	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/21/21 12:50	
1,3-Dichloropropane	ug/L	ND	0.50	04/21/21 12:50	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/21/21 12:50	
2,2-Dichloropropane	ug/L	ND	0.50	04/21/21 12:50	
2-Chlorotoluene	ug/L	ND	0.50	04/21/21 12:50	
4-Chlorotoluene	ug/L	ND	0.50	04/21/21 12:50	
Benzene	ug/L	ND	0.50	04/21/21 12:50	
Bromobenzene	ug/L	ND	0.50	04/21/21 12:50	
Bromochloromethane	ug/L	ND	0.50	04/21/21 12:50	
Bromodichloromethane	ug/L	ND	0.50	04/21/21 12:50	
Bromoform	ug/L	ND	0.50	04/21/21 12:50	
Bromomethane	ug/L	ND	5.0	04/21/21 12:50	
Carbon tetrachloride	ug/L	ND	0.50	04/21/21 12:50	
Chlorobenzene	ug/L	ND	0.50	04/21/21 12:50	
Chloroethane	ug/L	ND	1.0	04/21/21 12:50	
Chloroform	ug/L	ND	0.50	04/21/21 12:50	
Chloromethane	ug/L	ND	1.0	04/21/21 12:50	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/21/21 12:50	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/21/21 12:50	
Dibromochloromethane	ug/L	ND	0.50	04/21/21 12:50	
Dibromomethane	ug/L	ND	0.50	04/21/21 12:50	
Dichlorodifluoromethane	ug/L	ND	0.50	04/21/21 12:50	
Diisopropyl ether	ug/L	ND	0.50	04/21/21 12:50	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92534075

METHOD BLANK: 3236943

Matrix: Water

Associated Lab Samples: 92534075001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/21/21 12:50	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/21/21 12:50	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/21/21 12:50	
m&p-Xylene	ug/L	ND	1.0	04/21/21 12:50	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/21/21 12:50	
Methylene Chloride	ug/L	ND	2.0	04/21/21 12:50	
n-Butylbenzene	ug/L	ND	0.50	04/21/21 12:50	
n-Propylbenzene	ug/L	ND	0.50	04/21/21 12:50	
Naphthalene	ug/L	ND	2.0	04/21/21 12:50	
o-Xylene	ug/L	ND	0.50	04/21/21 12:50	
sec-Butylbenzene	ug/L	ND	0.50	04/21/21 12:50	
Styrene	ug/L	ND	0.50	04/21/21 12:50	
tert-Butylbenzene	ug/L	ND	0.50	04/21/21 12:50	
Tetrachloroethene	ug/L	ND	0.50	04/21/21 12:50	
Toluene	ug/L	ND	0.50	04/21/21 12:50	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/21/21 12:50	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/21/21 12:50	
Trichloroethene	ug/L	ND	0.50	04/21/21 12:50	
Trichlorofluoromethane	ug/L	ND	1.0	04/21/21 12:50	
Vinyl chloride	ug/L	ND	1.0	04/21/21 12:50	
1,2-Dichloroethane-d4 (S)	%	96	70-130	04/21/21 12:50	
4-Bromofluorobenzene (S)	%	93	70-130	04/21/21 12:50	
Toluene-d8 (S)	%	101	70-130	04/21/21 12:50	

LABORATORY CONTROL SAMPLE: 3236944

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	50.4	101	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	52.3	105	60-140	
1,1,2-Trichloroethane	ug/L	50	50.9	102	60-140	
1,1-Dichloroethane	ug/L	50	51.4	103	60-140	
1,1-Dichloroethene	ug/L	50	53.6	107	60-140	
1,1-Dichloropropene	ug/L	50	50.1	100	60-140	
1,2,3-Trichlorobenzene	ug/L	50	47.1	94	60-140	
1,2,3-Trichloropropane	ug/L	50	53.3	107	60-140	
1,2,4-Trichlorobenzene	ug/L	50	47.9	96	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.8	98	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	55.2	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	55.8	112	60-140	
1,2-Dichlorobenzene	ug/L	50	48.7	97	60-140	
1,2-Dichloroethane	ug/L	50	45.0	90	60-140	
1,2-Dichloropropane	ug/L	50	51.4	103	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.3	101	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92534075

LABORATORY CONTROL SAMPLE: 3236944

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.0	98	60-140	
1,3-Dichloropropane	ug/L	50	55.5	111	60-140	
1,4-Dichlorobenzene	ug/L	50	49.7	99	60-140	
2,2-Dichloropropane	ug/L	50	52.4	105	60-140	
2-Chlorotoluene	ug/L	50	49.6	99	60-140	
4-Chlorotoluene	ug/L	50	49.0	98	60-140	
Benzene	ug/L	50	50.5	101	60-140	
Bromobenzene	ug/L	50	52.7	105	60-140	
Bromochloromethane	ug/L	50	50.8	102	60-140	
Bromodichloromethane	ug/L	50	50.3	101	60-140	
Bromoform	ug/L	50	55.8	112	60-140	
Bromomethane	ug/L	50	52.8	106	60-140	
Carbon tetrachloride	ug/L	50	50.5	101	60-140	
Chlorobenzene	ug/L	50	52.0	104	60-140	
Chloroethane	ug/L	50	44.6	89	60-140	
Chloroform	ug/L	50	43.7	87	60-140	
Chloromethane	ug/L	50	46.6	93	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.7	101	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.2	104	60-140	
Dibromochloromethane	ug/L	50	57.2	114	60-140	
Dibromomethane	ug/L	50	50.4	101	60-140	
Dichlorodifluoromethane	ug/L	50	44.3	89	60-140	
Diisopropyl ether	ug/L	50	46.2	92	60-140	
Ethylbenzene	ug/L	50	50.3	101	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.8	98	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.1	100	60-140	
m&p-Xylene	ug/L	100	103	103	60-140	
Methyl-tert-butyl ether	ug/L	50	46.7	93	60-140	
Methylene Chloride	ug/L	50	46.7	93	60-140	
n-Butylbenzene	ug/L	50	50.1	100	60-140	
n-Propylbenzene	ug/L	50	49.8	100	60-140	
Naphthalene	ug/L	50	46.8	94	60-140	
o-Xylene	ug/L	50	49.9	100	60-140	
sec-Butylbenzene	ug/L	50	48.7	97	60-140	
Styrene	ug/L	50	52.4	105	60-140	
tert-Butylbenzene	ug/L	50	41.7	83	60-140	
Tetrachloroethene	ug/L	50	52.4	105	60-140	
Toluene	ug/L	50	48.9	98	60-140	
trans-1,2-Dichloroethene	ug/L	50	51.3	103	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.3	105	60-140	
Trichloroethene	ug/L	50	50.0	100	60-140	
Trichlorofluoromethane	ug/L	50	46.1	92	60-140	
Vinyl chloride	ug/L	50	46.3	93	60-140	
1,2-Dichloroethane-d4 (S)	%			92	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			97	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92534075

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3236945				3236946							
Parameter	92533796001		MS	MSD	MS	MSD	MS	MSD	% Rec	% Rec	Qual
	Units	Result	Spike	Spike							
1,1,1,2-Tetrachloroethane	ug/L	ND	2000	2000	2200	2140	110	107	60-140	3	
1,1,1-Trichloroethane	ug/L	ND	2000	2000	2180	2200	109	110	60-140	1	
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2000	2150	2120	108	106	60-140	1	
1,1,2-Trichloroethane	ug/L	ND	2000	2000	2130	2130	107	106	60-140	0	
1,1-Dichloroethane	ug/L	ND	2000	2000	2210	2200	111	110	60-140	1	
1,1-Dichloroethene	ug/L	ND	2000	2000	2320	2350	116	117	60-140	1	
1,1-Dichloropropene	ug/L	ND	2000	2000	2190	2180	109	109	60-140	0	
1,2,3-Trichlorobenzene	ug/L	ND	2000	2000	1870	1850	94	92	60-140	1	
1,2,3-Trichloropropane	ug/L	ND	2000	2000	2190	2080	110	104	60-140	5	
1,2,4-Trichlorobenzene	ug/L	ND	2000	2000	1860	1850	93	93	60-140	1	
1,2,4-Trimethylbenzene	ug/L	915	2000	2000	3010	2940	105	101	60-140	2	
1,2-Dibromo-3-chloropropane	ug/L	ND	2000	2000	2270	2150	113	107	60-140	6	
1,2-Dibromoethane (EDB)	ug/L	ND	2000	2000	2280	2220	114	111	60-140	2	
1,2-Dichlorobenzene	ug/L	ND	2000	2000	1960	1920	98	96	60-140	2	
1,2-Dichloroethane	ug/L	ND	2000	2000	1900	1920	95	96	60-140	1	
1,2-Dichloropropane	ug/L	ND	2000	2000	2180	2110	109	106	60-140	3	
1,3,5-Trimethylbenzene	ug/L	ND	2000	2000	2340	2250	117	112	60-140	4	
1,3-Dichlorobenzene	ug/L	ND	2000	2000	1960	1940	98	97	60-140	1	
1,3-Dichloropropane	ug/L	ND	2000	2000	2300	2240	115	112	60-140	3	
1,4-Dichlorobenzene	ug/L	ND	2000	2000	2000	1970	100	99	60-140	1	
2,2-Dichloropropane	ug/L	ND	2000	2000	1850	1830	92	91	60-140	1	
2-Chlorotoluene	ug/L	ND	2000	2000	2130	2110	107	105	60-140	1	
4-Chlorotoluene	ug/L	ND	2000	2000	2020	1980	101	99	60-140	2	
Benzene	ug/L	8140	2000	2000	10200	10100	103	98	60-140	1	
Bromobenzene	ug/L	ND	2000	2000	2230	2170	111	109	60-140	2	
Bromochloromethane	ug/L	ND	2000	2000	2170	2100	108	105	60-140	3	
Bromodichloromethane	ug/L	ND	2000	2000	2040	2060	102	103	60-140	1	
Bromoform	ug/L	ND	2000	2000	2180	2110	109	106	60-140	3	
Bromomethane	ug/L	ND	2000	2000	2580	2620	129	131	60-140	2	
Carbon tetrachloride	ug/L	ND	2000	2000	2110	2140	106	107	60-140	1	
Chlorobenzene	ug/L	ND	2000	2000	2210	2150	110	108	60-140	3	
Chloroethane	ug/L	ND	2000	2000	2580	2500	129	125	60-140	3	
Chloroform	ug/L	ND	2000	2000	1860	1860	93	93	60-140	0	
Chloromethane	ug/L	ND	2000	2000	1850	1890	92	95	60-140	3	
cis-1,2-Dichloroethene	ug/L	ND	2000	2000	2180	2150	109	108	60-140	1	
cis-1,3-Dichloropropene	ug/L	ND	2000	2000	2040	2040	102	102	60-140	0	
Dibromochloromethane	ug/L	ND	2000	2000	2290	2270	115	113	60-140	1	
Dibromomethane	ug/L	ND	2000	2000	2090	2090	105	104	60-140	0	
Dichlorodifluoromethane	ug/L	ND	2000	2000	1690	1720	84	86	60-140	2	
Diisopropyl ether	ug/L	4740	2000	2000	6480	6470	87	87	60-140	0	
Ethylbenzene	ug/L	942	2000	2000	3090	3030	107	104	60-140	2	
Hexachloro-1,3-butadiene	ug/L	ND	2000	2000	1910	1830	96	92	60-140	4	
Isopropylbenzene (Cumene)	ug/L	ND	2000	2000	2130	2090	106	104	60-140	2	
m&p-Xylene	ug/L	3730	4000	4000	8120	7920	110	105	60-140	3	
Methyl-tert-butyl ether	ug/L	9950	2000	2000	11700	11500	85	79	60-140	1	
Methylene Chloride	ug/L	ND	2000	2000	2040	2050	102	102	60-140	0	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92534075

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3236945 3236946											
Parameter	Units	92533796001		MS	MSD	3236945		MS	MSD	3236946	
		Result	Conc.	Spike	Spike	Result	Conc.	Result	Conc.	% Rec	% Rec
										Limits	RPD
n-Butylbenzene	ug/L	ND	2000	2000	2000	1950	1940	98	97	60-140	1
n-Propylbenzene	ug/L	ND	2000	2000	2000	2150	2080	108	104	60-140	4
Naphthalene	ug/L	640	2000	2000	2000	2450	2450	91	90	60-140	0
o-Xylene	ug/L	1990	2000	2000	2000	4110	4020	106	102	60-140	2
sec-Butylbenzene	ug/L	ND	2000	2000	2000	2040	2040	102	102	60-140	0
Styrene	ug/L	119	2000	2000	2000	2260	2220	107	105	60-140	2
tert-Butylbenzene	ug/L	ND	2000	2000	2000	1790	1770	90	88	60-140	1
Tetrachloroethene	ug/L	ND	2000	2000	2000	2230	2150	112	107	60-140	4
Toluene	ug/L	14800	2000	2000	2000	16300	16000	75	62	60-140	2
trans-1,2-Dichloroethene	ug/L	ND	2000	2000	2000	2190	2240	110	112	60-140	2
trans-1,3-Dichloropropene	ug/L	ND	2000	2000	2000	2060	2060	103	103	60-140	0
Trichloroethene	ug/L	ND	2000	2000	2000	2140	2140	107	107	60-140	0
Trichlorofluoromethane	ug/L	ND	2000	2000	2000	2280	2240	114	112	60-140	2
Vinyl chloride	ug/L	ND	2000	2000	2000	1910	1960	95	98	60-140	3
1,2-Dichloroethane-d4 (S)	%							97	101	70-130	
4-Bromofluorobenzene (S)	%							98	98	70-130	
Toluene-d8 (S)	%							97	97	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92534075

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92534075

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92534075001	13835_AC_RD_20210420	MADEP VPH	615000		
92534075001	13835_AC_RD_20210420	EPA 3010A	615058	EPA 6010D	615080
92534075001	13835_AC_RD_20210420	SM 6200B	615118		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

*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#: 92534075

PM: AMB

Due Date: 04/27/21

CLIENT: 92-APEX MOOR

	Item#	
1	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	
2	BP3U-250 mL Plastic Unpreserved (N/A)	
3	BP2U-500 mL Plastic Unpreserved (N/A)	
4	BP1U-1 liter Plastic Unpreserved (N/A)	
5	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	
6	BP3N-250 mL plastic HNO3 (pH < 2)	
7	BP4Z-125 mL Plastic 2N Acetate & NaOH (>9)	
8	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	
9	WGFU-Wide-mouthed Glass jar Unpreserved	
10	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	
11	AG1H-1 liter Amber HCl (pH < 2)	
12	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 (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 DEHHA Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers).

April 30, 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.: 92535389

Dear Andrew Street:

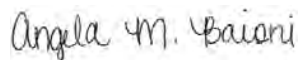
Enclosed are the analytical results for sample(s) received by the laboratory on April 27, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise 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
Robert Hughes, Colonial Pipeline
Margaret King, APEX Companies, LLC
Cameron Lee, Montrose-EPS
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535389

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535389

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92535389001	13800_HC_RD_20210427	MADEP VPH	LMB	7	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535389

Sample: 13800_HC_RD_20210427		Lab ID: 92535389001		Collected: 04/27/21 07:55		Received: 04/27/21 13:00		Matrix: Water	
Parameters	Results	Units	Report Limit	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	1		04/29/21 15:37		N2	
Aliphatic (C05-C08)	ND	ug/L	50.0	1		04/29/21 15:37		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/29/21 15:37		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/29/21 15:37		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/29/21 15:37		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130	1		04/29/21 15:37	460-00-4		
4-Bromofluorobenzene (PID) (S)	96	%	70-130	1		04/29/21 15:37	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/28/21 01:46	04/29/21 01:06	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/29/21 14:29	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/29/21 14:29	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/29/21 14:29	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/29/21 14:29	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/29/21 14:29	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/29/21 14:29	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/29/21 14:29	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/29/21 14:29	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/29/21 14:29	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/29/21 14:29	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/29/21 14:29	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/29/21 14:29	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/29/21 14:29	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/29/21 14:29	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/29/21 14:29	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/29/21 14:29	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/29/21 14:29	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/29/21 14:29	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/29/21 14:29	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/29/21 14:29	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/29/21 14:29	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/29/21 14:29	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/29/21 14:29	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/29/21 14:29	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/29/21 14:29	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/29/21 14:29	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/29/21 14:29	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/29/21 14:29	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/29/21 14:29	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/29/21 14:29	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/29/21 14:29	142-28-9		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535389

Sample: 13800_HC_RD_20210427		Lab ID: 92535389001		Collected: 04/27/21 07:55		Received: 04/27/21 13:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
6200B MSV	Analytical Method: SM 6200B								
	Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	1		04/29/21 14:29	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		04/29/21 14:29	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/29/21 14:29	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/29/21 14:29	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/29/21 14:29	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/29/21 14:29	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/29/21 14:29	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/29/21 14:29	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/29/21 14:29	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/29/21 14:29	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/29/21 14:29	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/29/21 14:29	103-65-1		
Styrene	ND	ug/L	0.50	1		04/29/21 14:29	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/29/21 14:29	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/29/21 14:29	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/29/21 14:29	127-18-4		
Toluene	ND	ug/L	0.50	1		04/29/21 14:29	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/29/21 14:29	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/29/21 14:29	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/29/21 14:29	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/29/21 14:29	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/29/21 14:29	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/29/21 14:29	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/29/21 14:29	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/29/21 14:29	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/29/21 14:29	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/29/21 14:29	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/29/21 14:29	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/29/21 14:29	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		04/29/21 14:29	17060-07-0		
4-Bromofluorobenzene (S)	93	%	70-130	1		04/29/21 14:29	460-00-4		
Toluene-d8 (S)	100	%	70-130	1		04/29/21 14:29	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92535389

QC Batch: 617182	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92535389001

METHOD BLANK: 3247428 Matrix: Water

Associated Lab Samples: 92535389001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/29/21 14:40	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/29/21 14:40	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/29/21 14:40	N2
4-Bromofluorobenzene (FID) (S)	%	102	70-130	04/29/21 14:40	
4-Bromofluorobenzene (PID) (S)	%	100	70-130	04/29/21 14:40	

LABORATORY CONTROL SAMPLE & LCSD: 3247429

LABORATORY CONTROL SAMPLE & LCSD: 3247429			3247430							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	286	273	95	91	70-130	5	25	N2
Aliphatic (C09-C12)	ug/L	300	390	355	130	118	70-130	10	25	N2
Aromatic (C09-C10)	ug/L	100	113	104	113	104	70-130	9	25	N2
4-Bromofluorobenzene (FID) (S)	%				106	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				102	97	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535389

QC Batch: 616650	Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A	Analysis Description: 6010 MET
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92535389001

METHOD BLANK: 3244895 Matrix: Water

Associated Lab Samples: 92535389001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/29/21 00:02	

LABORATORY CONTROL SAMPLE: 3244896

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	486	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3244897 3244898

Parameter	Units	92534954001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Lead	ug/L	ND	500	500	484	478	97	95	75-125	1	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92535389

QC Batch:	617106	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92535389001

METHOD BLANK: 3246974 Matrix: Water

Associated Lab Samples: 92535389001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1-Dichloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1-Dichloroethene	ug/L	ND	0.50	04/29/21 13:53	
1,1-Dichloropropene	ug/L	ND	0.50	04/29/21 13:53	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/29/21 13:53	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/29/21 13:53	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/29/21 13:53	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/29/21 13:53	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/29/21 13:53	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/29/21 13:53	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/29/21 13:53	
1,2-Dichloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,2-Dichloropropane	ug/L	ND	0.50	04/29/21 13:53	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/29/21 13:53	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/29/21 13:53	
1,3-Dichloropropane	ug/L	ND	0.50	04/29/21 13:53	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/29/21 13:53	
2,2-Dichloropropane	ug/L	ND	0.50	04/29/21 13:53	
2-Chlorotoluene	ug/L	ND	0.50	04/29/21 13:53	
4-Chlorotoluene	ug/L	ND	0.50	04/29/21 13:53	
Benzene	ug/L	ND	0.50	04/29/21 13:53	
Bromobenzene	ug/L	ND	0.50	04/29/21 13:53	
Bromochloromethane	ug/L	ND	0.50	04/29/21 13:53	
Bromodichloromethane	ug/L	ND	0.50	04/29/21 13:53	
Bromoform	ug/L	ND	0.50	04/29/21 13:53	
Bromomethane	ug/L	ND	5.0	04/29/21 13:53	
Carbon tetrachloride	ug/L	ND	0.50	04/29/21 13:53	
Chlorobenzene	ug/L	ND	0.50	04/29/21 13:53	
Chloroethane	ug/L	ND	1.0	04/29/21 13:53	
Chloroform	ug/L	ND	0.50	04/29/21 13:53	
Chloromethane	ug/L	ND	1.0	04/29/21 13:53	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/29/21 13:53	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/29/21 13:53	
Dibromochloromethane	ug/L	ND	0.50	04/29/21 13:53	
Dibromomethane	ug/L	ND	0.50	04/29/21 13:53	
Dichlorodifluoromethane	ug/L	ND	0.50	04/29/21 13:53	
Diisopropyl ether	ug/L	ND	0.50	04/29/21 13:53	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92535389

METHOD BLANK: 3246974 Matrix: Water
Associated Lab Samples: 92535389001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/29/21 13:53	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/29/21 13:53	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/29/21 13:53	
m&p-Xylene	ug/L	ND	1.0	04/29/21 13:53	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/29/21 13:53	
Methylene Chloride	ug/L	ND	2.0	04/29/21 13:53	
n-Butylbenzene	ug/L	ND	0.50	04/29/21 13:53	
n-Propylbenzene	ug/L	ND	0.50	04/29/21 13:53	
Naphthalene	ug/L	ND	2.0	04/29/21 13:53	
o-Xylene	ug/L	ND	0.50	04/29/21 13:53	
sec-Butylbenzene	ug/L	ND	0.50	04/29/21 13:53	
Styrene	ug/L	ND	0.50	04/29/21 13:53	
tert-Butylbenzene	ug/L	ND	0.50	04/29/21 13:53	
Tetrachloroethene	ug/L	ND	0.50	04/29/21 13:53	
Toluene	ug/L	ND	0.50	04/29/21 13:53	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/29/21 13:53	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/29/21 13:53	
Trichloroethene	ug/L	ND	0.50	04/29/21 13:53	
Trichlorofluoromethane	ug/L	ND	1.0	04/29/21 13:53	
Vinyl chloride	ug/L	ND	1.0	04/29/21 13:53	
1,2-Dichloroethane-d4 (S)	%	103	70-130	04/29/21 13:53	
4-Bromofluorobenzene (S)	%	94	70-130	04/29/21 13:53	
Toluene-d8 (S)	%	100	70-130	04/29/21 13:53	

LABORATORY CONTROL SAMPLE: 3246975

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	50.7	101	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	51.0	102	60-140	
1,1,2-Trichloroethane	ug/L	50	48.9	98	60-140	
1,1-Dichloroethane	ug/L	50	53.2	106	60-140	
1,1-Dichloroethene	ug/L	50	55.5	111	60-140	
1,1-Dichloropropene	ug/L	50	52.3	105	60-140	
1,2,3-Trichlorobenzene	ug/L	50	48.6	97	60-140	
1,2,3-Trichloropropane	ug/L	50	53.7	107	60-140	
1,2,4-Trichlorobenzene	ug/L	50	50.0	100	60-140	
1,2,4-Trimethylbenzene	ug/L	50	50.8	102	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.8	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	53.8	108	60-140	
1,2-Dichlorobenzene	ug/L	50	49.7	99	60-140	
1,2-Dichloroethane	ug/L	50	45.3	91	60-140	
1,2-Dichloropropane	ug/L	50	50.5	101	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.8	102	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535389

LABORATORY CONTROL SAMPLE: 3246975

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	50.2	100	60-140	
1,3-Dichloropropane	ug/L	50	54.6	109	60-140	
1,4-Dichlorobenzene	ug/L	50	50.1	100	60-140	
2,2-Dichloropropane	ug/L	50	52.3	105	60-140	
2-Chlorotoluene	ug/L	50	51.9	104	60-140	
4-Chlorotoluene	ug/L	50	51.6	103	60-140	
Benzene	ug/L	50	49.2	98	60-140	
Bromobenzene	ug/L	50	52.4	105	60-140	
Bromochloromethane	ug/L	50	50.9	102	60-140	
Bromodichloromethane	ug/L	50	45.7	91	60-140	
Bromoform	ug/L	50	53.2	106	60-140	
Bromomethane	ug/L	50	42.9	86	60-140	
Carbon tetrachloride	ug/L	50	47.0	94	60-140	
Chlorobenzene	ug/L	50	51.6	103	60-140	
Chloroethane	ug/L	50	35.7	71	60-140	
Chloroform	ug/L	50	43.2	86	60-140	
Chloromethane	ug/L	50	45.5	91	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.5	101	60-140	
cis-1,3-Dichloropropene	ug/L	50	50.2	100	60-140	
Dibromochloromethane	ug/L	50	56.7	113	60-140	
Dibromomethane	ug/L	50	49.6	99	60-140	
Dichlorodifluoromethane	ug/L	50	46.4	93	60-140	
Diisopropyl ether	ug/L	50	49.3	99	60-140	
Ethylbenzene	ug/L	50	49.7	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	49.5	99	60-140	
Isopropylbenzene (Cumene)	ug/L	50	49.8	100	60-140	
m&p-Xylene	ug/L	100	100	100	60-140	
Methyl-tert-butyl ether	ug/L	50	48.3	97	60-140	
Methylene Chloride	ug/L	50	47.3	95	60-140	
n-Butylbenzene	ug/L	50	50.9	102	60-140	
n-Propylbenzene	ug/L	50	51.3	103	60-140	
Naphthalene	ug/L	50	50.0	100	60-140	
o-Xylene	ug/L	50	48.9	98	60-140	
sec-Butylbenzene	ug/L	50	50.9	102	60-140	
Styrene	ug/L	50	51.5	103	60-140	
tert-Butylbenzene	ug/L	50	43.0	86	60-140	
Tetrachloroethene	ug/L	50	50.8	102	60-140	
Toluene	ug/L	50	47.5	95	60-140	
trans-1,2-Dichloroethene	ug/L	50	52.3	105	60-140	
trans-1,3-Dichloropropene	ug/L	50	50.1	100	60-140	
Trichloroethene	ug/L	50	49.0	98	60-140	
Trichlorofluoromethane	ug/L	50	39.2	78	60-140	
Vinyl chloride	ug/L	50	45.9	92	60-140	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			96	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535389

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3246976 3246977											
Parameter	Units	92534973002		MS	MSD	MS		MSD	% Rec		Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
1,1,1,2-Tetrachloroethane	ug/L	ND	200	200	200	195	236	98	118	60-140	19
1,1,1-Trichloroethane	ug/L	ND	200	200	200	218	272	109	136	60-140	22
1,1,2,2-Tetrachloroethane	ug/L	ND	200	200	200	186	225	93	113	60-140	19
1,1,2-Trichloroethane	ug/L	ND	200	200	200	196	235	98	118	60-140	18
1,1-Dichloroethane	ug/L	ND	200	200	200	226	271	113	135	60-140	18
1,1-Dichloroethene	ug/L	ND	200	200	200	244	281	122	141	60-140	14 M1
1,1-Dichloropropene	ug/L	ND	200	200	200	222	263	111	132	60-140	17
1,2,3-Trichlorobenzene	ug/L	ND	200	200	200	151	193	76	96	60-140	24
1,2,3-Trichloropropane	ug/L	ND	200	200	200	192	239	96	119	60-140	22
1,2,4-Trichlorobenzene	ug/L	ND	200	200	200	161	201	81	101	60-140	22
1,2,4-Trimethylbenzene	ug/L	26.8	200	200	200	215	248	94	111	60-140	14
1,2-Dibromo-3-chloropropane	ug/L	ND	200	200	200	177	219	88	109	60-140	21
1,2-Dibromoethane (EDB)	ug/L	ND	200	200	200	208	244	104	122	60-140	16
1,2-Dichlorobenzene	ug/L	ND	200	200	200	181	214	91	107	60-140	17
1,2-Dichloroethane	ug/L	ND	200	200	200	188	216	94	108	60-140	14
1,2-Dichloropropane	ug/L	ND	200	200	200	210	248	105	124	60-140	17
1,3,5-Trimethylbenzene	ug/L	ND	200	200	200	198	232	99	116	60-140	16
1,3-Dichlorobenzene	ug/L	ND	200	200	200	182	216	91	108	60-140	17
1,3-Dichloropropane	ug/L	ND	200	200	200	221	251	111	126	60-140	13
1,4-Dichlorobenzene	ug/L	ND	200	200	200	181	215	91	107	60-140	17
2,2-Dichloropropane	ug/L	4.0J	200	200	200	205	256	100	126	60-140	22
2-Chlorotoluene	ug/L	ND	200	200	200	202	241	101	121	60-140	18
4-Chlorotoluene	ug/L	ND	200	200	200	193	225	97	113	60-140	15
Benzene	ug/L	1500	200	200	200	1680	1780	90	139	60-140	6
Bromobenzene	ug/L	ND	200	200	200	202	237	101	119	60-140	16
Bromochloromethane	ug/L	ND	200	200	200	210	262	105	131	60-140	22
Bromodichloromethane	ug/L	ND	200	200	200	186	212	93	106	60-140	13
Bromoform	ug/L	ND	200	200	200	182	223	91	111	60-140	20
Bromomethane	ug/L	ND	200	200	200	221	242	110	121	60-140	9
Carbon tetrachloride	ug/L	ND	200	200	200	204	254	102	127	60-140	22
Chlorobenzene	ug/L	ND	200	200	200	204	240	102	120	60-140	16
Chloroethane	ug/L	ND	200	200	200	207	219	103	109	60-140	5
Chloroform	ug/L	ND	200	200	200	191	225	95	112	60-140	16
Chloromethane	ug/L	ND	200	200	200	168	202	84	101	60-140	18
cis-1,2-Dichloroethene	ug/L	ND	200	200	200	211	264	106	132	60-140	22
cis-1,3-Dichloropropene	ug/L	ND	200	200	200	197	231	98	116	60-140	16
Dibromochloromethane	ug/L	ND	200	200	200	210	254	105	127	60-140	19
Dibromomethane	ug/L	ND	200	200	200	194	234	97	117	60-140	19
Dichlorodifluoromethane	ug/L	ND	200	200	200	179	214	89	107	60-140	18
Diisopropyl ether	ug/L	ND	200	200	200	206	244	103	122	60-140	17
Ethylbenzene	ug/L	171	200	200	200	373	412	101	121	60-140	10
Hexachloro-1,3-butadiene	ug/L	ND	200	200	200	180	215	90	107	60-140	18
Isopropylbenzene (Cumene)	ug/L	14.0	200	200	200	219	243	103	115	60-140	10
m&p-Xylene	ug/L	98.2	400	400	400	494	566	99	117	60-140	13
Methyl-tert-butyl ether	ug/L	653	200	200	200	848	917	97	132	60-140	8
Methylene Chloride	ug/L	ND	200	200	200	209	246	105	123	60-140	16

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535389

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3246976 3246977											
Parameter	Units	92534973002		MS	MSD	3246977		MS	MSD	% Rec	Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
n-Butylbenzene	ug/L	ND	200	200	200	189	222	94	111	60-140	16
n-Propylbenzene	ug/L	25.3	200	200	200	225	255	100	115	60-140	12
Naphthalene	ug/L	164	200	200	200	271	329	54	83	60-140	19 M1
o-Xylene	ug/L	17.2	200	200	200	205	237	94	110	60-140	15
sec-Butylbenzene	ug/L	ND	200	200	200	198	242	99	121	60-140	20
Styrene	ug/L	ND	200	200	200	191	229	96	114	60-140	18
tert-Butylbenzene	ug/L	ND	200	200	200	169	197	85	99	60-140	15
Tetrachloroethene	ug/L	ND	200	200	200	197	250	98	125	60-140	24
Toluene	ug/L	53.2	200	200	200	255	294	101	120	60-140	14
trans-1,2-Dichloroethene	ug/L	ND	200	200	200	228	269	114	135	60-140	17
trans-1,3-Dichloropropene	ug/L	ND	200	200	200	191	239	95	120	60-140	23
Trichloroethene	ug/L	ND	200	200	200	205	239	102	120	60-140	16
Trichlorofluoromethane	ug/L	ND	200	200	200	213	240	107	120	60-140	12
Vinyl chloride	ug/L	ND	200	200	200	177	211	89	106	60-140	17
1,2-Dichloroethane-d4 (S)	%							106	105	70-130	
4-Bromofluorobenzene (S)	%							98	99	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535389

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535389

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92535389001	13800_HC_RD_20210427	MADEP VPH	617182		
92535389001	13800_HC_RD_20210427	EPA 3010A	616650	EPA 6010D	616675
92535389001	13800_HC_RD_20210427	SM 6200B	617106		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Billing Information:

Company:

Pace Companies

Con

92535389

Y

Report To: Andrew Street

Copy To: 1400 South 1st St, #1000, St. Louis, MO 63104

Customer Project Name/Number: 2020-11-2418 Incident

State: Country/City: Time Zone Collected: [] PT [] MT [] CT [] ET

Phone: Site/Facility ID #: Compliance Monitoring? [] Yes [] No

Collected By (print): Purchase Order #: DW PWS ID #: DW Location Code: Immediately Packed on Ice: [] Yes [] No

Collected By (signature): Turnaround Date Required: Field Filtered (if applicable): [] Yes [] No

Sample Disposal: Rush: [] Same Day [] Next Day [] 2 Day [] 3 Day [] 4 Day [] 5 Day Analysis: [] Yes [] No

[] Dispose as appropriate [] Return [] Archive: (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

Matrix * Comp / Grab Date Time Composite End Date Time Res Cl # of Cms

13800 MC RD 20210412 D10 G 4-27-21 0755 8 X X X

VOCs 6200B MADEP VPH Lead

LAB USE ONLY: Lab Sample # / Comments: 92535389 001

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: SHORT HOLDS PRESENT (<72 hours): Y N/A

Radchem sample(s) screened (<500 cpm): Y N NA

Date/Time: 4-27-21 1300 Received by/Company: (Signature) MDG Bechtel 4-27-21 13:00

Date/Time: Received by/Company: (Signature)

Date/Time: Received by/Company: (Signature)

Analyses

** 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

Lab Profile/Line: Lab Sample Receipt Checklist:

Custody Seals Present/Intact 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
VDA - Headspace Acceptable Y N NA
USDA Regulated Soils Y N NA
Samples in Holding Time Y N NA
Residual Chlorine Present Y N NA
C1 Strips: Y N NA
Sample pH Acceptable Y N NA
pH Strips: 6.5-8.5 Y N NA
Sulfide Present Y N NA
Lead Acetate Strips: Y N NA

LAB USE ONLY: Lab Sample # / Comments: 92535389 001

Temp Blank Received: Y N NA

Therm ID#: 11064

Cooler 1 Temp Upon Receipt: 33.0C

Cooler 1 Therm Corr. Factor: 0C

Cooler 1 Corrected Temp: 33.0C

Comments:

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: of:

April 30, 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.: 92535397

Dear Andrew Street:

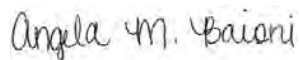
Enclosed are the analytical results for sample(s) received by the laboratory on April 27, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise 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
Robert Hughes, Colonial Pipeline
Margaret King, APEX Companies, LLC
Cameron Lee, Montrose-EPS
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535397

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535397

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92535397001	14226_HC_RD_20210427	MADEP VPH	LMB	7	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535397

Sample: 14226_HC_RD_20210427		Lab ID: 92535397001		Collected: 04/27/21 10:50		Received: 04/27/21 13:00		Matrix: Water	
Parameters	Results	Units	Report Limit	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	1		04/29/21 16:05		N2	
Aliphatic (C05-C08)	ND	ug/L	50.0	1		04/29/21 16:05		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/29/21 16:05		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/29/21 16:05		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/29/21 16:05		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	104	%	70-130	1		04/29/21 16:05	460-00-4		
4-Bromofluorobenzene (PID) (S)	102	%	70-130	1		04/29/21 16:05	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/28/21 01:46	04/29/21 01:09	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/29/21 14:47	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/29/21 14:47	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/29/21 14:47	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/29/21 14:47	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/29/21 14:47	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/29/21 14:47	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/29/21 14:47	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/29/21 14:47	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/29/21 14:47	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/29/21 14:47	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/29/21 14:47	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/29/21 14:47	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/29/21 14:47	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/29/21 14:47	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/29/21 14:47	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/29/21 14:47	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/29/21 14:47	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/29/21 14:47	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/29/21 14:47	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/29/21 14:47	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/29/21 14:47	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/29/21 14:47	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/29/21 14:47	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/29/21 14:47	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/29/21 14:47	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/29/21 14:47	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/29/21 14:47	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/29/21 14:47	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/29/21 14:47	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/29/21 14:47	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/29/21 14:47	142-28-9		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535397

Sample: 14226_HC_RD_20210427		Lab ID: 92535397001		Collected: 04/27/21 10:50		Received: 04/27/21 13:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
6200B MSV	Analytical Method: SM 6200B								
	Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	1		04/29/21 14:47	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		04/29/21 14:47	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/29/21 14:47	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/29/21 14:47	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/29/21 14:47	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/29/21 14:47	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/29/21 14:47	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/29/21 14:47	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/29/21 14:47	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/29/21 14:47	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/29/21 14:47	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/29/21 14:47	103-65-1		
Styrene	ND	ug/L	0.50	1		04/29/21 14:47	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/29/21 14:47	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/29/21 14:47	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/29/21 14:47	127-18-4		
Toluene	ND	ug/L	0.50	1		04/29/21 14:47	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/29/21 14:47	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/29/21 14:47	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/29/21 14:47	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/29/21 14:47	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/29/21 14:47	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/29/21 14:47	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/29/21 14:47	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/29/21 14:47	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/29/21 14:47	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/29/21 14:47	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/29/21 14:47	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/29/21 14:47	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		04/29/21 14:47	17060-07-0		
4-Bromofluorobenzene (S)	102	%	70-130	1		04/29/21 14:47	460-00-4		
Toluene-d8 (S)	101	%	70-130	1		04/29/21 14:47	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535397

QC Batch: 617182	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92535397001

METHOD BLANK: 3247428 Matrix: Water

Associated Lab Samples: 92535397001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/29/21 14:40	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/29/21 14:40	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/29/21 14:40	N2
4-Bromofluorobenzene (FID) (S)	%	102	70-130	04/29/21 14:40	
4-Bromofluorobenzene (PID) (S)	%	100	70-130	04/29/21 14:40	

LABORATORY CONTROL SAMPLE & LCSD: 3247429

LABORATORY CONTROL SAMPLE & LCSD: 3247429			3247430							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	286	273	95	91	70-130	5	25	N2
Aliphatic (C09-C12)	ug/L	300	390	355	130	118	70-130	10	25	N2
Aromatic (C09-C10)	ug/L	100	113	104	113	104	70-130	9	25	N2
4-Bromofluorobenzene (FID) (S)	%				106	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				102	97	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535397

QC Batch: 616650

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92535397001

METHOD BLANK: 3244895

Matrix: Water

Associated Lab Samples: 92535397001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/29/21 00:02	

LABORATORY CONTROL SAMPLE: 3244896

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	486	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3244897 3244898

Parameter	Units	92534954001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Lead	ug/L	ND	500	500	484	478	97	95	75-125	1	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92535397

QC Batch: 617106	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92535397001

METHOD BLANK: 3246974 Matrix: Water

Associated Lab Samples: 92535397001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1-Dichloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1-Dichloroethene	ug/L	ND	0.50	04/29/21 13:53	
1,1-Dichloropropene	ug/L	ND	0.50	04/29/21 13:53	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/29/21 13:53	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/29/21 13:53	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/29/21 13:53	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/29/21 13:53	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/29/21 13:53	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/29/21 13:53	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/29/21 13:53	
1,2-Dichloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,2-Dichloropropane	ug/L	ND	0.50	04/29/21 13:53	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/29/21 13:53	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/29/21 13:53	
1,3-Dichloropropane	ug/L	ND	0.50	04/29/21 13:53	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/29/21 13:53	
2,2-Dichloropropane	ug/L	ND	0.50	04/29/21 13:53	
2-Chlorotoluene	ug/L	ND	0.50	04/29/21 13:53	
4-Chlorotoluene	ug/L	ND	0.50	04/29/21 13:53	
Benzene	ug/L	ND	0.50	04/29/21 13:53	
Bromobenzene	ug/L	ND	0.50	04/29/21 13:53	
Bromochloromethane	ug/L	ND	0.50	04/29/21 13:53	
Bromodichloromethane	ug/L	ND	0.50	04/29/21 13:53	
Bromoform	ug/L	ND	0.50	04/29/21 13:53	
Bromomethane	ug/L	ND	5.0	04/29/21 13:53	
Carbon tetrachloride	ug/L	ND	0.50	04/29/21 13:53	
Chlorobenzene	ug/L	ND	0.50	04/29/21 13:53	
Chloroethane	ug/L	ND	1.0	04/29/21 13:53	
Chloroform	ug/L	ND	0.50	04/29/21 13:53	
Chloromethane	ug/L	ND	1.0	04/29/21 13:53	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/29/21 13:53	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/29/21 13:53	
Dibromochloromethane	ug/L	ND	0.50	04/29/21 13:53	
Dibromomethane	ug/L	ND	0.50	04/29/21 13:53	
Dichlorodifluoromethane	ug/L	ND	0.50	04/29/21 13:53	
Diisopropyl ether	ug/L	ND	0.50	04/29/21 13:53	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92535397

METHOD BLANK: 3246974

Matrix: Water

Associated Lab Samples: 92535397001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/29/21 13:53	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/29/21 13:53	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/29/21 13:53	
m&p-Xylene	ug/L	ND	1.0	04/29/21 13:53	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/29/21 13:53	
Methylene Chloride	ug/L	ND	2.0	04/29/21 13:53	
n-Butylbenzene	ug/L	ND	0.50	04/29/21 13:53	
n-Propylbenzene	ug/L	ND	0.50	04/29/21 13:53	
Naphthalene	ug/L	ND	2.0	04/29/21 13:53	
o-Xylene	ug/L	ND	0.50	04/29/21 13:53	
sec-Butylbenzene	ug/L	ND	0.50	04/29/21 13:53	
Styrene	ug/L	ND	0.50	04/29/21 13:53	
tert-Butylbenzene	ug/L	ND	0.50	04/29/21 13:53	
Tetrachloroethene	ug/L	ND	0.50	04/29/21 13:53	
Toluene	ug/L	ND	0.50	04/29/21 13:53	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/29/21 13:53	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/29/21 13:53	
Trichloroethene	ug/L	ND	0.50	04/29/21 13:53	
Trichlorofluoromethane	ug/L	ND	1.0	04/29/21 13:53	
Vinyl chloride	ug/L	ND	1.0	04/29/21 13:53	
1,2-Dichloroethane-d4 (S)	%	103	70-130	04/29/21 13:53	
4-Bromofluorobenzene (S)	%	94	70-130	04/29/21 13:53	
Toluene-d8 (S)	%	100	70-130	04/29/21 13:53	

LABORATORY CONTROL SAMPLE: 3246975

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	50.7	101	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	51.0	102	60-140	
1,1,2-Trichloroethane	ug/L	50	48.9	98	60-140	
1,1-Dichloroethane	ug/L	50	53.2	106	60-140	
1,1-Dichloroethene	ug/L	50	55.5	111	60-140	
1,1-Dichloropropene	ug/L	50	52.3	105	60-140	
1,2,3-Trichlorobenzene	ug/L	50	48.6	97	60-140	
1,2,3-Trichloropropane	ug/L	50	53.7	107	60-140	
1,2,4-Trichlorobenzene	ug/L	50	50.0	100	60-140	
1,2,4-Trimethylbenzene	ug/L	50	50.8	102	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.8	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	53.8	108	60-140	
1,2-Dichlorobenzene	ug/L	50	49.7	99	60-140	
1,2-Dichloroethane	ug/L	50	45.3	91	60-140	
1,2-Dichloropropane	ug/L	50	50.5	101	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.8	102	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535397

LABORATORY CONTROL SAMPLE: 3246975

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	50.2	100	60-140	
1,3-Dichloropropane	ug/L	50	54.6	109	60-140	
1,4-Dichlorobenzene	ug/L	50	50.1	100	60-140	
2,2-Dichloropropane	ug/L	50	52.3	105	60-140	
2-Chlorotoluene	ug/L	50	51.9	104	60-140	
4-Chlorotoluene	ug/L	50	51.6	103	60-140	
Benzene	ug/L	50	49.2	98	60-140	
Bromobenzene	ug/L	50	52.4	105	60-140	
Bromochloromethane	ug/L	50	50.9	102	60-140	
Bromodichloromethane	ug/L	50	45.7	91	60-140	
Bromoform	ug/L	50	53.2	106	60-140	
Bromomethane	ug/L	50	42.9	86	60-140	
Carbon tetrachloride	ug/L	50	47.0	94	60-140	
Chlorobenzene	ug/L	50	51.6	103	60-140	
Chloroethane	ug/L	50	35.7	71	60-140	
Chloroform	ug/L	50	43.2	86	60-140	
Chloromethane	ug/L	50	45.5	91	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.5	101	60-140	
cis-1,3-Dichloropropene	ug/L	50	50.2	100	60-140	
Dibromochloromethane	ug/L	50	56.7	113	60-140	
Dibromomethane	ug/L	50	49.6	99	60-140	
Dichlorodifluoromethane	ug/L	50	46.4	93	60-140	
Diisopropyl ether	ug/L	50	49.3	99	60-140	
Ethylbenzene	ug/L	50	49.7	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	49.5	99	60-140	
Isopropylbenzene (Cumene)	ug/L	50	49.8	100	60-140	
m&p-Xylene	ug/L	100	100	100	60-140	
Methyl-tert-butyl ether	ug/L	50	48.3	97	60-140	
Methylene Chloride	ug/L	50	47.3	95	60-140	
n-Butylbenzene	ug/L	50	50.9	102	60-140	
n-Propylbenzene	ug/L	50	51.3	103	60-140	
Naphthalene	ug/L	50	50.0	100	60-140	
o-Xylene	ug/L	50	48.9	98	60-140	
sec-Butylbenzene	ug/L	50	50.9	102	60-140	
Styrene	ug/L	50	51.5	103	60-140	
tert-Butylbenzene	ug/L	50	43.0	86	60-140	
Tetrachloroethene	ug/L	50	50.8	102	60-140	
Toluene	ug/L	50	47.5	95	60-140	
trans-1,2-Dichloroethene	ug/L	50	52.3	105	60-140	
trans-1,3-Dichloropropene	ug/L	50	50.1	100	60-140	
Trichloroethene	ug/L	50	49.0	98	60-140	
Trichlorofluoromethane	ug/L	50	39.2	78	60-140	
Vinyl chloride	ug/L	50	45.9	92	60-140	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			96	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535397

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3246976 3246977											
Parameter	Units	92534973002		MS	MSD	MS		MSD	% Rec		Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	Result	% Rec	Limits	
1,1,1,2-Tetrachloroethane	ug/L	ND	200	200	200	195	236	98	118	60-140	19
1,1,1-Trichloroethane	ug/L	ND	200	200	200	218	272	109	136	60-140	22
1,1,2,2-Tetrachloroethane	ug/L	ND	200	200	200	186	225	93	113	60-140	19
1,1,2-Trichloroethane	ug/L	ND	200	200	200	196	235	98	118	60-140	18
1,1-Dichloroethane	ug/L	ND	200	200	200	226	271	113	135	60-140	18
1,1-Dichloroethene	ug/L	ND	200	200	200	244	281	122	141	60-140	14 M1
1,1-Dichloropropene	ug/L	ND	200	200	200	222	263	111	132	60-140	17
1,2,3-Trichlorobenzene	ug/L	ND	200	200	200	151	193	76	96	60-140	24
1,2,3-Trichloropropane	ug/L	ND	200	200	200	192	239	96	119	60-140	22
1,2,4-Trichlorobenzene	ug/L	ND	200	200	200	161	201	81	101	60-140	22
1,2,4-Trimethylbenzene	ug/L	26.8	200	200	200	215	248	94	111	60-140	14
1,2-Dibromo-3-chloropropane	ug/L	ND	200	200	200	177	219	88	109	60-140	21
1,2-Dibromoethane (EDB)	ug/L	ND	200	200	200	208	244	104	122	60-140	16
1,2-Dichlorobenzene	ug/L	ND	200	200	200	181	214	91	107	60-140	17
1,2-Dichloroethane	ug/L	ND	200	200	200	188	216	94	108	60-140	14
1,2-Dichloropropane	ug/L	ND	200	200	200	210	248	105	124	60-140	17
1,3,5-Trimethylbenzene	ug/L	ND	200	200	200	198	232	99	116	60-140	16
1,3-Dichlorobenzene	ug/L	ND	200	200	200	182	216	91	108	60-140	17
1,3-Dichloropropane	ug/L	ND	200	200	200	221	251	111	126	60-140	13
1,4-Dichlorobenzene	ug/L	ND	200	200	200	181	215	91	107	60-140	17
2,2-Dichloropropane	ug/L	4.0J	200	200	200	205	256	100	126	60-140	22
2-Chlorotoluene	ug/L	ND	200	200	200	202	241	101	121	60-140	18
4-Chlorotoluene	ug/L	ND	200	200	200	193	225	97	113	60-140	15
Benzene	ug/L	1500	200	200	200	1680	1780	90	139	60-140	6
Bromobenzene	ug/L	ND	200	200	200	202	237	101	119	60-140	16
Bromochloromethane	ug/L	ND	200	200	200	210	262	105	131	60-140	22
Bromodichloromethane	ug/L	ND	200	200	200	186	212	93	106	60-140	13
Bromoform	ug/L	ND	200	200	200	182	223	91	111	60-140	20
Bromomethane	ug/L	ND	200	200	200	221	242	110	121	60-140	9
Carbon tetrachloride	ug/L	ND	200	200	200	204	254	102	127	60-140	22
Chlorobenzene	ug/L	ND	200	200	200	204	240	102	120	60-140	16
Chloroethane	ug/L	ND	200	200	200	207	219	103	109	60-140	5
Chloroform	ug/L	ND	200	200	200	191	225	95	112	60-140	16
Chloromethane	ug/L	ND	200	200	200	168	202	84	101	60-140	18
cis-1,2-Dichloroethene	ug/L	ND	200	200	200	211	264	106	132	60-140	22
cis-1,3-Dichloropropene	ug/L	ND	200	200	200	197	231	98	116	60-140	16
Dibromochloromethane	ug/L	ND	200	200	200	210	254	105	127	60-140	19
Dibromomethane	ug/L	ND	200	200	200	194	234	97	117	60-140	19
Dichlorodifluoromethane	ug/L	ND	200	200	200	179	214	89	107	60-140	18
Diisopropyl ether	ug/L	ND	200	200	200	206	244	103	122	60-140	17
Ethylbenzene	ug/L	171	200	200	200	373	412	101	121	60-140	10
Hexachloro-1,3-butadiene	ug/L	ND	200	200	200	180	215	90	107	60-140	18
Isopropylbenzene (Cumene)	ug/L	14.0	200	200	200	219	243	103	115	60-140	10
m&p-Xylene	ug/L	98.2	400	400	400	494	566	99	117	60-140	13
Methyl-tert-butyl ether	ug/L	653	200	200	200	848	917	97	132	60-140	8
Methylene Chloride	ug/L	ND	200	200	200	209	246	105	123	60-140	16

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535397

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3246976 3246977											
Parameter	Units	92534973002		MS	MSD	3246977		MS	MSD	% Rec	Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
n-Butylbenzene	ug/L	ND	200	200	200	189	222	94	111	60-140	16
n-Propylbenzene	ug/L	25.3	200	200	200	225	255	100	115	60-140	12
Naphthalene	ug/L	164	200	200	200	271	329	54	83	60-140	19 M1
o-Xylene	ug/L	17.2	200	200	200	205	237	94	110	60-140	15
sec-Butylbenzene	ug/L	ND	200	200	200	198	242	99	121	60-140	20
Styrene	ug/L	ND	200	200	200	191	229	96	114	60-140	18
tert-Butylbenzene	ug/L	ND	200	200	200	169	197	85	99	60-140	15
Tetrachloroethene	ug/L	ND	200	200	200	197	250	98	125	60-140	24
Toluene	ug/L	53.2	200	200	200	255	294	101	120	60-140	14
trans-1,2-Dichloroethene	ug/L	ND	200	200	200	228	269	114	135	60-140	17
trans-1,3-Dichloropropene	ug/L	ND	200	200	200	191	239	95	120	60-140	23
Trichloroethene	ug/L	ND	200	200	200	205	239	102	120	60-140	16
Trichlorofluoromethane	ug/L	ND	200	200	200	213	240	107	120	60-140	12
Vinyl chloride	ug/L	ND	200	200	200	177	211	89	106	60-140	17
1,2-Dichloroethane-d4 (S)	%							106	105	70-130	
4-Bromofluorobenzene (S)	%							98	99	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535397

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535397

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92535397001	14226_HC_RD_20210427	MADEP VPH	617182		
92535397001	14226_HC_RD_20210427	EPA 3010A	616650	EPA 6010D	616675
92535397001	14226_HC_RD_20210427	SM 6200B	617106		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Billing Information:

LAB USE

MO#: 92535397

member or



92535397

[illegible]

April 30, 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.: 92535399

Dear Andrew Street:

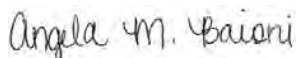
Enclosed are the analytical results for sample(s) received by the laboratory on April 27, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise 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
Robert Hughes, Colonial Pipeline
Margaret King, APEX Companies, LLC
Cameron Lee, Montrose-EPS
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535399

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535399

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92535399001	14401_HC_RD_20210427	MADEP VPH	LMB	7	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535399

Sample: 14401_HC_RD_20210427		Lab ID: 92535399001		Collected: 04/27/21 08:50		Received: 04/27/21 13:00		Matrix: Water	
Parameters		Results	Units	Report Limit	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	1		04/29/21 16:34			N2
Aliphatic (C05-C08)	ND	ug/L	50.0	1		04/29/21 16:34			N2
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/29/21 16:34			N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/29/21 16:34			N2
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/29/21 16:34			N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	105	%	70-130	1		04/29/21 16:34	460-00-4		
4-Bromofluorobenzene (PID) (S)	103	%	70-130	1		04/29/21 16:34	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/28/21 01:46	04/29/21 01:13	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/29/21 15:06	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/29/21 15:06	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/29/21 15:06	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/29/21 15:06	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/29/21 15:06	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/29/21 15:06	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/29/21 15:06	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/29/21 15:06	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/29/21 15:06	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/29/21 15:06	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/29/21 15:06	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/29/21 15:06	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/29/21 15:06	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/29/21 15:06	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/29/21 15:06	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/29/21 15:06	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/29/21 15:06	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/29/21 15:06	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/29/21 15:06	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/29/21 15:06	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/29/21 15:06	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/29/21 15:06	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/29/21 15:06	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/29/21 15:06	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/29/21 15:06	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/29/21 15:06	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/29/21 15:06	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/29/21 15:06	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/29/21 15:06	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/29/21 15:06	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/29/21 15:06	142-28-9		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535399

Sample: 14401_HC_RD_20210427		Lab ID: 92535399001		Collected: 04/27/21 08:50		Received: 04/27/21 13:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
2,2-Dichloropropane	ND	ug/L	0.50	1		04/29/21 15:06	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		04/29/21 15:06	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/29/21 15:06	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/29/21 15:06	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/29/21 15:06	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/29/21 15:06	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/29/21 15:06	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/29/21 15:06	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/29/21 15:06	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/29/21 15:06	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/29/21 15:06	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/29/21 15:06	103-65-1		
Styrene	ND	ug/L	0.50	1		04/29/21 15:06	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/29/21 15:06	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/29/21 15:06	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/29/21 15:06	127-18-4		
Toluene	ND	ug/L	0.50	1		04/29/21 15:06	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/29/21 15:06	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/29/21 15:06	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/29/21 15:06	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/29/21 15:06	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/29/21 15:06	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/29/21 15:06	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/29/21 15:06	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/29/21 15:06	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/29/21 15:06	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/29/21 15:06	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/29/21 15:06	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/29/21 15:06	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		04/29/21 15:06	17060-07-0		
4-Bromofluorobenzene (S)	93	%	70-130	1		04/29/21 15:06	460-00-4		
Toluene-d8 (S)	100	%	70-130	1		04/29/21 15:06	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535399

QC Batch:	617182	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92535399001

METHOD BLANK: 3247428 Matrix: Water

Associated Lab Samples: 92535399001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/29/21 14:40	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/29/21 14:40	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/29/21 14:40	N2
4-Bromofluorobenzene (FID) (S)	%	102	70-130	04/29/21 14:40	
4-Bromofluorobenzene (PID) (S)	%	100	70-130	04/29/21 14:40	

LABORATORY CONTROL SAMPLE & LCSD: 3247429

LABORATORY CONTROL SAMPLE & LCSD: 3247429			3247430							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	286	273	95	91	70-130	5	25	N2
Aliphatic (C09-C12)	ug/L	300	390	355	130	118	70-130	10	25	N2
Aromatic (C09-C10)	ug/L	100	113	104	113	104	70-130	9	25	N2
4-Bromofluorobenzene (FID) (S)	%				106	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				102	97	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535399

QC Batch: 616650

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92535399001

METHOD BLANK: 3244895

Matrix: Water

Associated Lab Samples: 92535399001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/29/21 00:02	

LABORATORY CONTROL SAMPLE: 3244896

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	486	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3244897 3244898

Parameter	Units	92534954001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Lead	ug/L	ND	500	500	484	478	97	95	75-125	1	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92535399

QC Batch:	617106	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92535399001

METHOD BLANK: 3246974 Matrix: Water

Associated Lab Samples: 92535399001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1-Dichloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1-Dichloroethene	ug/L	ND	0.50	04/29/21 13:53	
1,1-Dichloropropene	ug/L	ND	0.50	04/29/21 13:53	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/29/21 13:53	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/29/21 13:53	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/29/21 13:53	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/29/21 13:53	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/29/21 13:53	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/29/21 13:53	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/29/21 13:53	
1,2-Dichloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,2-Dichloropropane	ug/L	ND	0.50	04/29/21 13:53	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/29/21 13:53	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/29/21 13:53	
1,3-Dichloropropane	ug/L	ND	0.50	04/29/21 13:53	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/29/21 13:53	
2,2-Dichloropropane	ug/L	ND	0.50	04/29/21 13:53	
2-Chlorotoluene	ug/L	ND	0.50	04/29/21 13:53	
4-Chlorotoluene	ug/L	ND	0.50	04/29/21 13:53	
Benzene	ug/L	ND	0.50	04/29/21 13:53	
Bromobenzene	ug/L	ND	0.50	04/29/21 13:53	
Bromochloromethane	ug/L	ND	0.50	04/29/21 13:53	
Bromodichloromethane	ug/L	ND	0.50	04/29/21 13:53	
Bromoform	ug/L	ND	0.50	04/29/21 13:53	
Bromomethane	ug/L	ND	5.0	04/29/21 13:53	
Carbon tetrachloride	ug/L	ND	0.50	04/29/21 13:53	
Chlorobenzene	ug/L	ND	0.50	04/29/21 13:53	
Chloroethane	ug/L	ND	1.0	04/29/21 13:53	
Chloroform	ug/L	ND	0.50	04/29/21 13:53	
Chloromethane	ug/L	ND	1.0	04/29/21 13:53	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/29/21 13:53	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/29/21 13:53	
Dibromochloromethane	ug/L	ND	0.50	04/29/21 13:53	
Dibromomethane	ug/L	ND	0.50	04/29/21 13:53	
Dichlorodifluoromethane	ug/L	ND	0.50	04/29/21 13:53	
Diisopropyl ether	ug/L	ND	0.50	04/29/21 13:53	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92535399

METHOD BLANK: 3246974

Matrix: Water

Associated Lab Samples: 92535399001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/29/21 13:53	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/29/21 13:53	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/29/21 13:53	
m&p-Xylene	ug/L	ND	1.0	04/29/21 13:53	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/29/21 13:53	
Methylene Chloride	ug/L	ND	2.0	04/29/21 13:53	
n-Butylbenzene	ug/L	ND	0.50	04/29/21 13:53	
n-Propylbenzene	ug/L	ND	0.50	04/29/21 13:53	
Naphthalene	ug/L	ND	2.0	04/29/21 13:53	
o-Xylene	ug/L	ND	0.50	04/29/21 13:53	
sec-Butylbenzene	ug/L	ND	0.50	04/29/21 13:53	
Styrene	ug/L	ND	0.50	04/29/21 13:53	
tert-Butylbenzene	ug/L	ND	0.50	04/29/21 13:53	
Tetrachloroethene	ug/L	ND	0.50	04/29/21 13:53	
Toluene	ug/L	ND	0.50	04/29/21 13:53	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/29/21 13:53	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/29/21 13:53	
Trichloroethene	ug/L	ND	0.50	04/29/21 13:53	
Trichlorofluoromethane	ug/L	ND	1.0	04/29/21 13:53	
Vinyl chloride	ug/L	ND	1.0	04/29/21 13:53	
1,2-Dichloroethane-d4 (S)	%	103	70-130	04/29/21 13:53	
4-Bromofluorobenzene (S)	%	94	70-130	04/29/21 13:53	
Toluene-d8 (S)	%	100	70-130	04/29/21 13:53	

LABORATORY CONTROL SAMPLE: 3246975

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	50.7	101	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	51.0	102	60-140	
1,1,2-Trichloroethane	ug/L	50	48.9	98	60-140	
1,1-Dichloroethane	ug/L	50	53.2	106	60-140	
1,1-Dichloroethene	ug/L	50	55.5	111	60-140	
1,1-Dichloropropene	ug/L	50	52.3	105	60-140	
1,2,3-Trichlorobenzene	ug/L	50	48.6	97	60-140	
1,2,3-Trichloropropane	ug/L	50	53.7	107	60-140	
1,2,4-Trichlorobenzene	ug/L	50	50.0	100	60-140	
1,2,4-Trimethylbenzene	ug/L	50	50.8	102	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.8	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	53.8	108	60-140	
1,2-Dichlorobenzene	ug/L	50	49.7	99	60-140	
1,2-Dichloroethane	ug/L	50	45.3	91	60-140	
1,2-Dichloropropane	ug/L	50	50.5	101	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.8	102	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535399

LABORATORY CONTROL SAMPLE: 3246975

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	50.2	100	60-140	
1,3-Dichloropropane	ug/L	50	54.6	109	60-140	
1,4-Dichlorobenzene	ug/L	50	50.1	100	60-140	
2,2-Dichloropropane	ug/L	50	52.3	105	60-140	
2-Chlorotoluene	ug/L	50	51.9	104	60-140	
4-Chlorotoluene	ug/L	50	51.6	103	60-140	
Benzene	ug/L	50	49.2	98	60-140	
Bromobenzene	ug/L	50	52.4	105	60-140	
Bromochloromethane	ug/L	50	50.9	102	60-140	
Bromodichloromethane	ug/L	50	45.7	91	60-140	
Bromoform	ug/L	50	53.2	106	60-140	
Bromomethane	ug/L	50	42.9	86	60-140	
Carbon tetrachloride	ug/L	50	47.0	94	60-140	
Chlorobenzene	ug/L	50	51.6	103	60-140	
Chloroethane	ug/L	50	35.7	71	60-140	
Chloroform	ug/L	50	43.2	86	60-140	
Chloromethane	ug/L	50	45.5	91	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.5	101	60-140	
cis-1,3-Dichloropropene	ug/L	50	50.2	100	60-140	
Dibromochloromethane	ug/L	50	56.7	113	60-140	
Dibromomethane	ug/L	50	49.6	99	60-140	
Dichlorodifluoromethane	ug/L	50	46.4	93	60-140	
Diisopropyl ether	ug/L	50	49.3	99	60-140	
Ethylbenzene	ug/L	50	49.7	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	49.5	99	60-140	
Isopropylbenzene (Cumene)	ug/L	50	49.8	100	60-140	
m&p-Xylene	ug/L	100	100	100	60-140	
Methyl-tert-butyl ether	ug/L	50	48.3	97	60-140	
Methylene Chloride	ug/L	50	47.3	95	60-140	
n-Butylbenzene	ug/L	50	50.9	102	60-140	
n-Propylbenzene	ug/L	50	51.3	103	60-140	
Naphthalene	ug/L	50	50.0	100	60-140	
o-Xylene	ug/L	50	48.9	98	60-140	
sec-Butylbenzene	ug/L	50	50.9	102	60-140	
Styrene	ug/L	50	51.5	103	60-140	
tert-Butylbenzene	ug/L	50	43.0	86	60-140	
Tetrachloroethene	ug/L	50	50.8	102	60-140	
Toluene	ug/L	50	47.5	95	60-140	
trans-1,2-Dichloroethene	ug/L	50	52.3	105	60-140	
trans-1,3-Dichloropropene	ug/L	50	50.1	100	60-140	
Trichloroethene	ug/L	50	49.0	98	60-140	
Trichlorofluoromethane	ug/L	50	39.2	78	60-140	
Vinyl chloride	ug/L	50	45.9	92	60-140	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			96	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535399

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3246976 3246977											
Parameter	Units	92534973002		MS	MSD	MS		MSD	% Rec		Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	Result	% Rec	Limits	
1,1,1,2-Tetrachloroethane	ug/L	ND	200	200	200	195	236	98	118	60-140	19
1,1,1-Trichloroethane	ug/L	ND	200	200	200	218	272	109	136	60-140	22
1,1,2,2-Tetrachloroethane	ug/L	ND	200	200	200	186	225	93	113	60-140	19
1,1,2-Trichloroethane	ug/L	ND	200	200	200	196	235	98	118	60-140	18
1,1-Dichloroethane	ug/L	ND	200	200	200	226	271	113	135	60-140	18
1,1-Dichloroethene	ug/L	ND	200	200	200	244	281	122	141	60-140	14 M1
1,1-Dichloropropene	ug/L	ND	200	200	200	222	263	111	132	60-140	17
1,2,3-Trichlorobenzene	ug/L	ND	200	200	200	151	193	76	96	60-140	24
1,2,3-Trichloropropane	ug/L	ND	200	200	200	192	239	96	119	60-140	22
1,2,4-Trichlorobenzene	ug/L	ND	200	200	200	161	201	81	101	60-140	22
1,2,4-Trimethylbenzene	ug/L	26.8	200	200	200	215	248	94	111	60-140	14
1,2-Dibromo-3-chloropropane	ug/L	ND	200	200	200	177	219	88	109	60-140	21
1,2-Dibromoethane (EDB)	ug/L	ND	200	200	200	208	244	104	122	60-140	16
1,2-Dichlorobenzene	ug/L	ND	200	200	200	181	214	91	107	60-140	17
1,2-Dichloroethane	ug/L	ND	200	200	200	188	216	94	108	60-140	14
1,2-Dichloropropane	ug/L	ND	200	200	200	210	248	105	124	60-140	17
1,3,5-Trimethylbenzene	ug/L	ND	200	200	200	198	232	99	116	60-140	16
1,3-Dichlorobenzene	ug/L	ND	200	200	200	182	216	91	108	60-140	17
1,3-Dichloropropane	ug/L	ND	200	200	200	221	251	111	126	60-140	13
1,4-Dichlorobenzene	ug/L	ND	200	200	200	181	215	91	107	60-140	17
2,2-Dichloropropane	ug/L	4.0J	200	200	200	205	256	100	126	60-140	22
2-Chlorotoluene	ug/L	ND	200	200	200	202	241	101	121	60-140	18
4-Chlorotoluene	ug/L	ND	200	200	200	193	225	97	113	60-140	15
Benzene	ug/L	1500	200	200	200	1680	1780	90	139	60-140	6
Bromobenzene	ug/L	ND	200	200	200	202	237	101	119	60-140	16
Bromochloromethane	ug/L	ND	200	200	200	210	262	105	131	60-140	22
Bromodichloromethane	ug/L	ND	200	200	200	186	212	93	106	60-140	13
Bromoform	ug/L	ND	200	200	200	182	223	91	111	60-140	20
Bromomethane	ug/L	ND	200	200	200	221	242	110	121	60-140	9
Carbon tetrachloride	ug/L	ND	200	200	200	204	254	102	127	60-140	22
Chlorobenzene	ug/L	ND	200	200	200	204	240	102	120	60-140	16
Chloroethane	ug/L	ND	200	200	200	207	219	103	109	60-140	5
Chloroform	ug/L	ND	200	200	200	191	225	95	112	60-140	16
Chloromethane	ug/L	ND	200	200	200	168	202	84	101	60-140	18
cis-1,2-Dichloroethene	ug/L	ND	200	200	200	211	264	106	132	60-140	22
cis-1,3-Dichloropropene	ug/L	ND	200	200	200	197	231	98	116	60-140	16
Dibromochloromethane	ug/L	ND	200	200	200	210	254	105	127	60-140	19
Dibromomethane	ug/L	ND	200	200	200	194	234	97	117	60-140	19
Dichlorodifluoromethane	ug/L	ND	200	200	200	179	214	89	107	60-140	18
Diisopropyl ether	ug/L	ND	200	200	200	206	244	103	122	60-140	17
Ethylbenzene	ug/L	171	200	200	200	373	412	101	121	60-140	10
Hexachloro-1,3-butadiene	ug/L	ND	200	200	200	180	215	90	107	60-140	18
Isopropylbenzene (Cumene)	ug/L	14.0	200	200	200	219	243	103	115	60-140	10
m&p-Xylene	ug/L	98.2	400	400	400	494	566	99	117	60-140	13
Methyl-tert-butyl ether	ug/L	653	200	200	200	848	917	97	132	60-140	8
Methylene Chloride	ug/L	ND	200	200	200	209	246	105	123	60-140	16

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535399

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3246976 3246977											
Parameter	Units	92534973002		MS	MSD	MSD		MS	MSD	% Rec	Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
n-Butylbenzene	ug/L	ND	200	200	200	189	222	94	111	60-140	16
n-Propylbenzene	ug/L	25.3	200	200	200	225	255	100	115	60-140	12
Naphthalene	ug/L	164	200	200	200	271	329	54	83	60-140	19 M1
o-Xylene	ug/L	17.2	200	200	200	205	237	94	110	60-140	15
sec-Butylbenzene	ug/L	ND	200	200	200	198	242	99	121	60-140	20
Styrene	ug/L	ND	200	200	200	191	229	96	114	60-140	18
tert-Butylbenzene	ug/L	ND	200	200	200	169	197	85	99	60-140	15
Tetrachloroethene	ug/L	ND	200	200	200	197	250	98	125	60-140	24
Toluene	ug/L	53.2	200	200	200	255	294	101	120	60-140	14
trans-1,2-Dichloroethene	ug/L	ND	200	200	200	228	269	114	135	60-140	17
trans-1,3-Dichloropropene	ug/L	ND	200	200	200	191	239	95	120	60-140	23
Trichloroethene	ug/L	ND	200	200	200	205	239	102	120	60-140	16
Trichlorofluoromethane	ug/L	ND	200	200	200	213	240	107	120	60-140	12
Vinyl chloride	ug/L	ND	200	200	200	177	211	89	106	60-140	17
1,2-Dichloroethane-d4 (S)	%							106	105	70-130	
4-Bromofluorobenzene (S)	%							98	99	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535399

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535399

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92535399001	14401_HC_RD_20210427	MADEP VPH	617182		
92535399001	14401_HC_RD_20210427	EPA 3010A	616650	EPA 6010D	616675
92535399001	14401_HC_RD_20210427	SM 6200B	617106		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Page 15 of 15

[illegible]

April 30, 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.: 92535405

Dear Andrew Street:

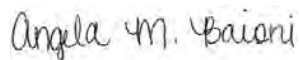
Enclosed are the analytical results for sample(s) received by the laboratory on April 27, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise 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
Robert Hughes, Colonial Pipeline
Margaret King, APEX Companies, LLC
Cameron Lee, Montrose-EPS
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535405

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535405

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92535405001	13835_AC_RD_20210427	MADEP VPH	LMB	7	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535405

Sample: 13835_AC_RD_20210427		Lab ID: 92535405001		Collected: 04/27/21 10:10		Received: 04/27/21 13:00		Matrix: Water	
Parameters	Results	Units	Report Limit	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	1		04/29/21 17:02		N2	
Aliphatic (C05-C08)	ND	ug/L	50.0	1		04/29/21 17:02		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/29/21 17:02		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/29/21 17:02		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/29/21 17:02		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130	1		04/29/21 17:02	460-00-4		
4-Bromofluorobenzene (PID) (S)	95	%	70-130	1		04/29/21 17:02	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/28/21 01:46	04/29/21 01:22	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/29/21 15:24	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/29/21 15:24	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/29/21 15:24	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/29/21 15:24	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/29/21 15:24	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/29/21 15:24	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/29/21 15:24	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/29/21 15:24	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/29/21 15:24	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/29/21 15:24	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/29/21 15:24	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/29/21 15:24	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/29/21 15:24	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/29/21 15:24	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/29/21 15:24	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/29/21 15:24	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/29/21 15:24	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/29/21 15:24	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/29/21 15:24	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/29/21 15:24	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/29/21 15:24	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/29/21 15:24	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/29/21 15:24	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/29/21 15:24	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/29/21 15:24	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/29/21 15:24	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/29/21 15:24	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/29/21 15:24	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/29/21 15:24	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/29/21 15:24	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/29/21 15:24	142-28-9		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535405

Sample: 13835_AC_RD_20210427		Lab ID: 92535405001		Collected: 04/27/21 10:10		Received: 04/27/21 13:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
6200B MSV	Analytical Method: SM 6200B								
	Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	1		04/29/21 15:24	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		04/29/21 15:24	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/29/21 15:24	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/29/21 15:24	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/29/21 15:24	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/29/21 15:24	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/29/21 15:24	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/29/21 15:24	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/29/21 15:24	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/29/21 15:24	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/29/21 15:24	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/29/21 15:24	103-65-1		
Styrene	ND	ug/L	0.50	1		04/29/21 15:24	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/29/21 15:24	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/29/21 15:24	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/29/21 15:24	127-18-4		
Toluene	ND	ug/L	0.50	1		04/29/21 15:24	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/29/21 15:24	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/29/21 15:24	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/29/21 15:24	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/29/21 15:24	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/29/21 15:24	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/29/21 15:24	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/29/21 15:24	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/29/21 15:24	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/29/21 15:24	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/29/21 15:24	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/29/21 15:24	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/29/21 15:24	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		04/29/21 15:24	17060-07-0		
4-Bromofluorobenzene (S)	92	%	70-130	1		04/29/21 15:24	460-00-4		
Toluene-d8 (S)	98	%	70-130	1		04/29/21 15:24	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92535405

QC Batch:	617182	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92535405001

METHOD BLANK: 3247428 Matrix: Water

Associated Lab Samples: 92535405001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/29/21 14:40	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/29/21 14:40	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/29/21 14:40	N2
4-Bromofluorobenzene (FID) (S)	%	102	70-130	04/29/21 14:40	
4-Bromofluorobenzene (PID) (S)	%	100	70-130	04/29/21 14:40	

LABORATORY CONTROL SAMPLE & LCSD: 3247429

LABORATORY CONTROL SAMPLE & LCSD: 3247429			3247430							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	286	273	95	91	70-130	5	25	N2
Aliphatic (C09-C12)	ug/L	300	390	355	130	118	70-130	10	25	N2
Aromatic (C09-C10)	ug/L	100	113	104	113	104	70-130	9	25	N2
4-Bromofluorobenzene (FID) (S)	%				106	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				102	97	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535405

QC Batch: 616650

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92535405001

METHOD BLANK: 3244895

Matrix: Water

Associated Lab Samples: 92535405001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/29/21 00:02	

LABORATORY CONTROL SAMPLE: 3244896

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	486	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3244897 3244898

Parameter	Units	92534954001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Lead	ug/L	ND	500	500	484	478	97	95	75-125	1	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92535405

QC Batch:	617106	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92535405001

METHOD BLANK: 3246974 Matrix: Water
Associated Lab Samples: 92535405001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1-Dichloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1-Dichloroethene	ug/L	ND	0.50	04/29/21 13:53	
1,1-Dichloropropene	ug/L	ND	0.50	04/29/21 13:53	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/29/21 13:53	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/29/21 13:53	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/29/21 13:53	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/29/21 13:53	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/29/21 13:53	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/29/21 13:53	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/29/21 13:53	
1,2-Dichloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,2-Dichloropropane	ug/L	ND	0.50	04/29/21 13:53	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/29/21 13:53	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/29/21 13:53	
1,3-Dichloropropane	ug/L	ND	0.50	04/29/21 13:53	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/29/21 13:53	
2,2-Dichloropropane	ug/L	ND	0.50	04/29/21 13:53	
2-Chlorotoluene	ug/L	ND	0.50	04/29/21 13:53	
4-Chlorotoluene	ug/L	ND	0.50	04/29/21 13:53	
Benzene	ug/L	ND	0.50	04/29/21 13:53	
Bromobenzene	ug/L	ND	0.50	04/29/21 13:53	
Bromochloromethane	ug/L	ND	0.50	04/29/21 13:53	
Bromodichloromethane	ug/L	ND	0.50	04/29/21 13:53	
Bromoform	ug/L	ND	0.50	04/29/21 13:53	
Bromomethane	ug/L	ND	5.0	04/29/21 13:53	
Carbon tetrachloride	ug/L	ND	0.50	04/29/21 13:53	
Chlorobenzene	ug/L	ND	0.50	04/29/21 13:53	
Chloroethane	ug/L	ND	1.0	04/29/21 13:53	
Chloroform	ug/L	ND	0.50	04/29/21 13:53	
Chloromethane	ug/L	ND	1.0	04/29/21 13:53	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/29/21 13:53	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/29/21 13:53	
Dibromochloromethane	ug/L	ND	0.50	04/29/21 13:53	
Dibromomethane	ug/L	ND	0.50	04/29/21 13:53	
Dichlorodifluoromethane	ug/L	ND	0.50	04/29/21 13:53	
Diisopropyl ether	ug/L	ND	0.50	04/29/21 13:53	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535405

METHOD BLANK: 3246974

Matrix: Water

Associated Lab Samples: 92535405001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/29/21 13:53	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/29/21 13:53	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/29/21 13:53	
m&p-Xylene	ug/L	ND	1.0	04/29/21 13:53	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/29/21 13:53	
Methylene Chloride	ug/L	ND	2.0	04/29/21 13:53	
n-Butylbenzene	ug/L	ND	0.50	04/29/21 13:53	
n-Propylbenzene	ug/L	ND	0.50	04/29/21 13:53	
Naphthalene	ug/L	ND	2.0	04/29/21 13:53	
o-Xylene	ug/L	ND	0.50	04/29/21 13:53	
sec-Butylbenzene	ug/L	ND	0.50	04/29/21 13:53	
Styrene	ug/L	ND	0.50	04/29/21 13:53	
tert-Butylbenzene	ug/L	ND	0.50	04/29/21 13:53	
Tetrachloroethene	ug/L	ND	0.50	04/29/21 13:53	
Toluene	ug/L	ND	0.50	04/29/21 13:53	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/29/21 13:53	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/29/21 13:53	
Trichloroethene	ug/L	ND	0.50	04/29/21 13:53	
Trichlorofluoromethane	ug/L	ND	1.0	04/29/21 13:53	
Vinyl chloride	ug/L	ND	1.0	04/29/21 13:53	
1,2-Dichloroethane-d4 (S)	%	103	70-130	04/29/21 13:53	
4-Bromofluorobenzene (S)	%	94	70-130	04/29/21 13:53	
Toluene-d8 (S)	%	100	70-130	04/29/21 13:53	

LABORATORY CONTROL SAMPLE: 3246975

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	50.7	101	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	51.0	102	60-140	
1,1,2-Trichloroethane	ug/L	50	48.9	98	60-140	
1,1-Dichloroethane	ug/L	50	53.2	106	60-140	
1,1-Dichloroethene	ug/L	50	55.5	111	60-140	
1,1-Dichloropropene	ug/L	50	52.3	105	60-140	
1,2,3-Trichlorobenzene	ug/L	50	48.6	97	60-140	
1,2,3-Trichloropropane	ug/L	50	53.7	107	60-140	
1,2,4-Trichlorobenzene	ug/L	50	50.0	100	60-140	
1,2,4-Trimethylbenzene	ug/L	50	50.8	102	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.8	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	53.8	108	60-140	
1,2-Dichlorobenzene	ug/L	50	49.7	99	60-140	
1,2-Dichloroethane	ug/L	50	45.3	91	60-140	
1,2-Dichloropropane	ug/L	50	50.5	101	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.8	102	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535405

LABORATORY CONTROL SAMPLE: 3246975

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	50.2	100	60-140	
1,3-Dichloropropane	ug/L	50	54.6	109	60-140	
1,4-Dichlorobenzene	ug/L	50	50.1	100	60-140	
2,2-Dichloropropane	ug/L	50	52.3	105	60-140	
2-Chlorotoluene	ug/L	50	51.9	104	60-140	
4-Chlorotoluene	ug/L	50	51.6	103	60-140	
Benzene	ug/L	50	49.2	98	60-140	
Bromobenzene	ug/L	50	52.4	105	60-140	
Bromochloromethane	ug/L	50	50.9	102	60-140	
Bromodichloromethane	ug/L	50	45.7	91	60-140	
Bromoform	ug/L	50	53.2	106	60-140	
Bromomethane	ug/L	50	42.9	86	60-140	
Carbon tetrachloride	ug/L	50	47.0	94	60-140	
Chlorobenzene	ug/L	50	51.6	103	60-140	
Chloroethane	ug/L	50	35.7	71	60-140	
Chloroform	ug/L	50	43.2	86	60-140	
Chloromethane	ug/L	50	45.5	91	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.5	101	60-140	
cis-1,3-Dichloropropene	ug/L	50	50.2	100	60-140	
Dibromochloromethane	ug/L	50	56.7	113	60-140	
Dibromomethane	ug/L	50	49.6	99	60-140	
Dichlorodifluoromethane	ug/L	50	46.4	93	60-140	
Diisopropyl ether	ug/L	50	49.3	99	60-140	
Ethylbenzene	ug/L	50	49.7	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	49.5	99	60-140	
Isopropylbenzene (Cumene)	ug/L	50	49.8	100	60-140	
m&p-Xylene	ug/L	100	100	100	60-140	
Methyl-tert-butyl ether	ug/L	50	48.3	97	60-140	
Methylene Chloride	ug/L	50	47.3	95	60-140	
n-Butylbenzene	ug/L	50	50.9	102	60-140	
n-Propylbenzene	ug/L	50	51.3	103	60-140	
Naphthalene	ug/L	50	50.0	100	60-140	
o-Xylene	ug/L	50	48.9	98	60-140	
sec-Butylbenzene	ug/L	50	50.9	102	60-140	
Styrene	ug/L	50	51.5	103	60-140	
tert-Butylbenzene	ug/L	50	43.0	86	60-140	
Tetrachloroethene	ug/L	50	50.8	102	60-140	
Toluene	ug/L	50	47.5	95	60-140	
trans-1,2-Dichloroethene	ug/L	50	52.3	105	60-140	
trans-1,3-Dichloropropene	ug/L	50	50.1	100	60-140	
Trichloroethene	ug/L	50	49.0	98	60-140	
Trichlorofluoromethane	ug/L	50	39.2	78	60-140	
Vinyl chloride	ug/L	50	45.9	92	60-140	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			96	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535405

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3246976 3246977											
Parameter	Units	92534973002		MS	MSD	MS		MSD	% Rec		Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	Result	% Rec	Limits	
1,1,1,2-Tetrachloroethane	ug/L	ND	200	200	200	195	236	98	118	60-140	19
1,1,1-Trichloroethane	ug/L	ND	200	200	200	218	272	109	136	60-140	22
1,1,2,2-Tetrachloroethane	ug/L	ND	200	200	200	186	225	93	113	60-140	19
1,1,2-Trichloroethane	ug/L	ND	200	200	200	196	235	98	118	60-140	18
1,1-Dichloroethane	ug/L	ND	200	200	200	226	271	113	135	60-140	18
1,1-Dichloroethene	ug/L	ND	200	200	200	244	281	122	141	60-140	14 M1
1,1-Dichloropropene	ug/L	ND	200	200	200	222	263	111	132	60-140	17
1,2,3-Trichlorobenzene	ug/L	ND	200	200	200	151	193	76	96	60-140	24
1,2,3-Trichloropropane	ug/L	ND	200	200	200	192	239	96	119	60-140	22
1,2,4-Trichlorobenzene	ug/L	ND	200	200	200	161	201	81	101	60-140	22
1,2,4-Trimethylbenzene	ug/L	26.8	200	200	200	215	248	94	111	60-140	14
1,2-Dibromo-3-chloropropane	ug/L	ND	200	200	200	177	219	88	109	60-140	21
1,2-Dibromoethane (EDB)	ug/L	ND	200	200	200	208	244	104	122	60-140	16
1,2-Dichlorobenzene	ug/L	ND	200	200	200	181	214	91	107	60-140	17
1,2-Dichloroethane	ug/L	ND	200	200	200	188	216	94	108	60-140	14
1,2-Dichloropropane	ug/L	ND	200	200	200	210	248	105	124	60-140	17
1,3,5-Trimethylbenzene	ug/L	ND	200	200	200	198	232	99	116	60-140	16
1,3-Dichlorobenzene	ug/L	ND	200	200	200	182	216	91	108	60-140	17
1,3-Dichloropropane	ug/L	ND	200	200	200	221	251	111	126	60-140	13
1,4-Dichlorobenzene	ug/L	ND	200	200	200	181	215	91	107	60-140	17
2,2-Dichloropropane	ug/L	4.0J	200	200	200	205	256	100	126	60-140	22
2-Chlorotoluene	ug/L	ND	200	200	200	202	241	101	121	60-140	18
4-Chlorotoluene	ug/L	ND	200	200	200	193	225	97	113	60-140	15
Benzene	ug/L	1500	200	200	200	1680	1780	90	139	60-140	6
Bromobenzene	ug/L	ND	200	200	200	202	237	101	119	60-140	16
Bromochloromethane	ug/L	ND	200	200	200	210	262	105	131	60-140	22
Bromodichloromethane	ug/L	ND	200	200	200	186	212	93	106	60-140	13
Bromoform	ug/L	ND	200	200	200	182	223	91	111	60-140	20
Bromomethane	ug/L	ND	200	200	200	221	242	110	121	60-140	9
Carbon tetrachloride	ug/L	ND	200	200	200	204	254	102	127	60-140	22
Chlorobenzene	ug/L	ND	200	200	200	204	240	102	120	60-140	16
Chloroethane	ug/L	ND	200	200	200	207	219	103	109	60-140	5
Chloroform	ug/L	ND	200	200	200	191	225	95	112	60-140	16
Chloromethane	ug/L	ND	200	200	200	168	202	84	101	60-140	18
cis-1,2-Dichloroethene	ug/L	ND	200	200	200	211	264	106	132	60-140	22
cis-1,3-Dichloropropene	ug/L	ND	200	200	200	197	231	98	116	60-140	16
Dibromochloromethane	ug/L	ND	200	200	200	210	254	105	127	60-140	19
Dibromomethane	ug/L	ND	200	200	200	194	234	97	117	60-140	19
Dichlorodifluoromethane	ug/L	ND	200	200	200	179	214	89	107	60-140	18
Diisopropyl ether	ug/L	ND	200	200	200	206	244	103	122	60-140	17
Ethylbenzene	ug/L	171	200	200	200	373	412	101	121	60-140	10
Hexachloro-1,3-butadiene	ug/L	ND	200	200	200	180	215	90	107	60-140	18
Isopropylbenzene (Cumene)	ug/L	14.0	200	200	200	219	243	103	115	60-140	10
m&p-Xylene	ug/L	98.2	400	400	400	494	566	99	117	60-140	13
Methyl-tert-butyl ether	ug/L	653	200	200	200	848	917	97	132	60-140	8
Methylene Chloride	ug/L	ND	200	200	200	209	246	105	123	60-140	16

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535405

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3246976 3246977											
Parameter	92534973002		MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.							
n-Butylbenzene	ug/L	ND	200	200	189	222	94	111	60-140	16	
n-Propylbenzene	ug/L	25.3	200	200	225	255	100	115	60-140	12	
Naphthalene	ug/L	164	200	200	271	329	54	83	60-140	19	M1
o-Xylene	ug/L	17.2	200	200	205	237	94	110	60-140	15	
sec-Butylbenzene	ug/L	ND	200	200	198	242	99	121	60-140	20	
Styrene	ug/L	ND	200	200	191	229	96	114	60-140	18	
tert-Butylbenzene	ug/L	ND	200	200	169	197	85	99	60-140	15	
Tetrachloroethene	ug/L	ND	200	200	197	250	98	125	60-140	24	
Toluene	ug/L	53.2	200	200	255	294	101	120	60-140	14	
trans-1,2-Dichloroethene	ug/L	ND	200	200	228	269	114	135	60-140	17	
trans-1,3-Dichloropropene	ug/L	ND	200	200	191	239	95	120	60-140	23	
Trichloroethene	ug/L	ND	200	200	205	239	102	120	60-140	16	
Trichlorofluoromethane	ug/L	ND	200	200	213	240	107	120	60-140	12	
Vinyl chloride	ug/L	ND	200	200	177	211	89	106	60-140	17	
1,2-Dichloroethane-d4 (S)	%						106	105	70-130		
4-Bromofluorobenzene (S)	%						98	99	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535405

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535405

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92535405001	13835_AC_RD_20210427	MADEP VPH	617182		
92535405001	13835_AC_RD_20210427	EPA 3010A	616650	EPA 6010D	616675
92535405001	13835_AC_RD_20210427	SM 6200B	617106		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

May 03, 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.: 92535408

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on April 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
Robert Hughes, Colonial Pipeline
Margaret King, APEX Companies, LLC
Cameron Lee, Montrose-EPS
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535408

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535408

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92535408001	DUP-1	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92535408002	FB-1	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92535408003	TRIP BLANK	SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535408

Sample: DUP-1		Lab ID: 92535408001		Collected: 04/27/21 00:00		Received: 04/27/21 13:00		Matrix: Water	
Parameters	Results	Units	Report Limit	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	1		04/30/21 19:54		N2	
Aliphatic (C05-C08)	ND	ug/L	50.0	1		04/30/21 19:54		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/30/21 19:54		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/30/21 19:54		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/30/21 19:54		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	106	%	70-130	1		04/30/21 19:54	460-00-4		
4-Bromofluorobenzene (PID) (S)	104	%	70-130	1		04/30/21 19:54	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	40.5	ug/L	5.0	1	04/28/21 01:46	04/29/21 01:26	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/29/21 15:42	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/29/21 15:42	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/29/21 15:42	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/29/21 15:42	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/29/21 15:42	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/29/21 15:42	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/29/21 15:42	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/29/21 15:42	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/29/21 15:42	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/29/21 15:42	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/29/21 15:42	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/29/21 15:42	75-00-3		
Chloroform	0.50	ug/L	0.50	1		04/29/21 15:42	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/29/21 15:42	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/29/21 15:42	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/29/21 15:42	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/29/21 15:42	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/29/21 15:42	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/29/21 15:42	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/29/21 15:42	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/29/21 15:42	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/29/21 15:42	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/29/21 15:42	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/29/21 15:42	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/29/21 15:42	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/29/21 15:42	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/29/21 15:42	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/29/21 15:42	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/29/21 15:42	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/29/21 15:42	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/29/21 15:42	142-28-9		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535408

Sample: DUP-1		Lab ID: 92535408001	Collected: 04/27/21 00:00	Received: 04/27/21 13:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte						
2,2-Dichloropropane	ND	ug/L	0.50	1		04/29/21 15:42	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		04/29/21 15:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/29/21 15:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/29/21 15:42	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/29/21 15:42	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/29/21 15:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/29/21 15:42	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/29/21 15:42	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/29/21 15:42	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/29/21 15:42	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/29/21 15:42	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/29/21 15:42	103-65-1	
Styrene	ND	ug/L	0.50	1		04/29/21 15:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/29/21 15:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/29/21 15:42	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		04/29/21 15:42	127-18-4	
Toluene	ND	ug/L	0.50	1		04/29/21 15:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/29/21 15:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/29/21 15:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/29/21 15:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/29/21 15:42	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		04/29/21 15:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/29/21 15:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/29/21 15:42	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/29/21 15:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/29/21 15:42	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		04/29/21 15:42	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		04/29/21 15:42	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		04/29/21 15:42	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		04/29/21 15:42	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130	1		04/29/21 15:42	460-00-4	
Toluene-d8 (S)	99	%	70-130	1		04/29/21 15:42	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535408

Sample: FB-1		Lab ID: 92535408002		Collected: 04/27/21 00:00		Received: 04/27/21 13:00		Matrix: Water	
Parameters	Results	Units	Report Limit	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	1		04/30/21 20:22		N2	
Aliphatic (C05-C08)	ND	ug/L	50.0	1		04/30/21 20:22		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/30/21 20:22		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/30/21 20:22		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/30/21 20:22		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130	1		04/30/21 20:22	460-00-4		
4-Bromofluorobenzene (PID) (S)	97	%	70-130	1		04/30/21 20:22	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/28/21 01:46	04/29/21 01:35	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/29/21 16:27	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/29/21 16:27	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/29/21 16:27	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/29/21 16:27	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/29/21 16:27	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/29/21 16:27	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/29/21 16:27	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/29/21 16:27	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/29/21 16:27	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/29/21 16:27	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/29/21 16:27	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/29/21 16:27	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/29/21 16:27	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/29/21 16:27	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/29/21 16:27	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/29/21 16:27	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/29/21 16:27	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/29/21 16:27	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/29/21 16:27	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/29/21 16:27	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/29/21 16:27	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/29/21 16:27	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/29/21 16:27	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/29/21 16:27	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/29/21 16:27	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/29/21 16:27	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/29/21 16:27	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/29/21 16:27	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/29/21 16:27	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/29/21 16:27	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/29/21 16:27	142-28-9		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535408

Sample: FB-1		Lab ID: 92535408002		Collected: 04/27/21 00:00		Received: 04/27/21 13:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
6200B MSV	Analytical Method: SM 6200B								
	Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	0.50	1		04/29/21 16:27	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		04/29/21 16:27	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/29/21 16:27	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/29/21 16:27	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/29/21 16:27	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/29/21 16:27	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/29/21 16:27	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/29/21 16:27	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/29/21 16:27	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/29/21 16:27	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/29/21 16:27	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/29/21 16:27	103-65-1		
Styrene	ND	ug/L	0.50	1		04/29/21 16:27	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/29/21 16:27	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/29/21 16:27	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/29/21 16:27	127-18-4		
Toluene	ND	ug/L	0.50	1		04/29/21 16:27	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/29/21 16:27	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/29/21 16:27	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/29/21 16:27	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/29/21 16:27	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/29/21 16:27	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/29/21 16:27	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/29/21 16:27	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/29/21 16:27	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/29/21 16:27	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/29/21 16:27	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/29/21 16:27	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/29/21 16:27	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130	1		04/29/21 16:27	17060-07-0		
4-Bromofluorobenzene (S)	99	%	70-130	1		04/29/21 16:27	460-00-4		
Toluene-d8 (S)	100	%	70-130	1		04/29/21 16:27	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535408

Sample: TRIP BLANK		Lab ID: 92535408003	Collected: 04/27/21 00:00	Received: 04/27/21 13:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte						
Benzene	ND	ug/L	0.50	1		04/29/21 16:45	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		04/29/21 16:45	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		04/29/21 16:45	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		04/29/21 16:45	75-27-4	
Bromoform	ND	ug/L	0.50	1		04/29/21 16:45	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/29/21 16:45	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		04/29/21 16:45	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		04/29/21 16:45	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		04/29/21 16:45	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		04/29/21 16:45	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		04/29/21 16:45	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/29/21 16:45	75-00-3	
Chloroform	ND	ug/L	0.50	1		04/29/21 16:45	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/29/21 16:45	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		04/29/21 16:45	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		04/29/21 16:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/29/21 16:45	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		04/29/21 16:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/29/21 16:45	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		04/29/21 16:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/29/21 16:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/29/21 16:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/29/21 16:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/29/21 16:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		04/29/21 16:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		04/29/21 16:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		04/29/21 16:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/29/21 16:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/29/21 16:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		04/29/21 16:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		04/29/21 16:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		04/29/21 16:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		04/29/21 16:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/29/21 16:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/29/21 16:45	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/29/21 16:45	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/29/21 16:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/29/21 16:45	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/29/21 16:45	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/29/21 16:45	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/29/21 16:45	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/29/21 16:45	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/29/21 16:45	103-65-1	
Styrene	ND	ug/L	0.50	1		04/29/21 16:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/29/21 16:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/29/21 16:45	79-34-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535408

Sample: TRIP BLANK		Lab ID: 92535408003		Collected: 04/27/21 00:00		Received: 04/27/21 13:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
6200B MSV	Analytical Method: SM 6200B								
	Pace Analytical Services - Charlotte								
	Tetrachloroethene	ND	ug/L	0.50	1		04/29/21 16:45	127-18-4	
	Toluene	ND	ug/L	0.50	1		04/29/21 16:45	108-88-3	
	1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/29/21 16:45	87-61-6	
	1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/29/21 16:45	120-82-1	
	1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/29/21 16:45	71-55-6	
	1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/29/21 16:45	79-00-5	
	Trichloroethene	ND	ug/L	0.50	1		04/29/21 16:45	79-01-6	
	Trichlorofluoromethane	ND	ug/L	1.0	1		04/29/21 16:45	75-69-4	
	1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/29/21 16:45	96-18-4	
	1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/29/21 16:45	95-63-6	
	1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/29/21 16:45	108-67-8	
	Vinyl chloride	ND	ug/L	1.0	1		04/29/21 16:45	75-01-4	
	m&p-Xylene	ND	ug/L	1.0	1		04/29/21 16:45	179601-23-1	
	o-Xylene	ND	ug/L	0.50	1		04/29/21 16:45	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	70-130	1		04/29/21 16:45	17060-07-0		
4-Bromofluorobenzene (S)	101	%	70-130	1		04/29/21 16:45	460-00-4		
Toluene-d8 (S)	99	%	70-130	1		04/29/21 16:45	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535408

QC Batch:	617461	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92535408001, 92535408002

METHOD BLANK: 3248778 Matrix: Water

Associated Lab Samples: 92535408001, 92535408002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/30/21 15:07	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/30/21 15:07	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/30/21 15:07	N2
4-Bromofluorobenzene (FID) (S)	%	100	70-130	04/30/21 15:07	
4-Bromofluorobenzene (PID) (S)	%	98	70-130	04/30/21 15:07	

LABORATORY CONTROL SAMPLE & LCSD: 3248779

		3248780								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	281	294	94	98	70-130	4	25	N2
Aliphatic (C09-C12)	ug/L	300	359	356	120	119	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	107	105	107	105	70-130	1	25	N2
4-Bromofluorobenzene (FID) (S)	%				99	97	70-130			
4-Bromofluorobenzene (PID) (S)	%				95	94	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535408

QC Batch: 616650

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92535408001, 92535408002

METHOD BLANK: 3244895

Matrix: Water

Associated Lab Samples: 92535408001, 92535408002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/29/21 00:02	

LABORATORY CONTROL SAMPLE: 3244896

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	486	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3244897 3244898

Parameter	Units	92534954001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Lead	ug/L	ND	500	500	484	478	97	95	75-125	1	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92535408

QC Batch:	617106	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92535408001

METHOD BLANK: 3246974 Matrix: Water

Associated Lab Samples: 92535408001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1-Dichloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1-Dichloroethene	ug/L	ND	0.50	04/29/21 13:53	
1,1-Dichloropropene	ug/L	ND	0.50	04/29/21 13:53	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/29/21 13:53	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/29/21 13:53	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/29/21 13:53	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/29/21 13:53	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/29/21 13:53	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/29/21 13:53	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/29/21 13:53	
1,2-Dichloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,2-Dichloropropane	ug/L	ND	0.50	04/29/21 13:53	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/29/21 13:53	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/29/21 13:53	
1,3-Dichloropropane	ug/L	ND	0.50	04/29/21 13:53	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/29/21 13:53	
2,2-Dichloropropane	ug/L	ND	0.50	04/29/21 13:53	
2-Chlorotoluene	ug/L	ND	0.50	04/29/21 13:53	
4-Chlorotoluene	ug/L	ND	0.50	04/29/21 13:53	
Benzene	ug/L	ND	0.50	04/29/21 13:53	
Bromobenzene	ug/L	ND	0.50	04/29/21 13:53	
Bromochloromethane	ug/L	ND	0.50	04/29/21 13:53	
Bromodichloromethane	ug/L	ND	0.50	04/29/21 13:53	
Bromoform	ug/L	ND	0.50	04/29/21 13:53	
Bromomethane	ug/L	ND	5.0	04/29/21 13:53	
Carbon tetrachloride	ug/L	ND	0.50	04/29/21 13:53	
Chlorobenzene	ug/L	ND	0.50	04/29/21 13:53	
Chloroethane	ug/L	ND	1.0	04/29/21 13:53	
Chloroform	ug/L	ND	0.50	04/29/21 13:53	
Chloromethane	ug/L	ND	1.0	04/29/21 13:53	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/29/21 13:53	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/29/21 13:53	
Dibromochloromethane	ug/L	ND	0.50	04/29/21 13:53	
Dibromomethane	ug/L	ND	0.50	04/29/21 13:53	
Dichlorodifluoromethane	ug/L	ND	0.50	04/29/21 13:53	
Diisopropyl ether	ug/L	ND	0.50	04/29/21 13:53	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92535408

METHOD BLANK: 3246974

Matrix: Water

Associated Lab Samples: 92535408001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/29/21 13:53	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/29/21 13:53	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/29/21 13:53	
m&p-Xylene	ug/L	ND	1.0	04/29/21 13:53	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/29/21 13:53	
Methylene Chloride	ug/L	ND	2.0	04/29/21 13:53	
n-Butylbenzene	ug/L	ND	0.50	04/29/21 13:53	
n-Propylbenzene	ug/L	ND	0.50	04/29/21 13:53	
Naphthalene	ug/L	ND	2.0	04/29/21 13:53	
o-Xylene	ug/L	ND	0.50	04/29/21 13:53	
sec-Butylbenzene	ug/L	ND	0.50	04/29/21 13:53	
Styrene	ug/L	ND	0.50	04/29/21 13:53	
tert-Butylbenzene	ug/L	ND	0.50	04/29/21 13:53	
Tetrachloroethene	ug/L	ND	0.50	04/29/21 13:53	
Toluene	ug/L	ND	0.50	04/29/21 13:53	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/29/21 13:53	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/29/21 13:53	
Trichloroethene	ug/L	ND	0.50	04/29/21 13:53	
Trichlorofluoromethane	ug/L	ND	1.0	04/29/21 13:53	
Vinyl chloride	ug/L	ND	1.0	04/29/21 13:53	
1,2-Dichloroethane-d4 (S)	%	103	70-130	04/29/21 13:53	
4-Bromofluorobenzene (S)	%	94	70-130	04/29/21 13:53	
Toluene-d8 (S)	%	100	70-130	04/29/21 13:53	

LABORATORY CONTROL SAMPLE: 3246975

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	50.7	101	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	51.0	102	60-140	
1,1,2-Trichloroethane	ug/L	50	48.9	98	60-140	
1,1-Dichloroethane	ug/L	50	53.2	106	60-140	
1,1-Dichloroethene	ug/L	50	55.5	111	60-140	
1,1-Dichloropropene	ug/L	50	52.3	105	60-140	
1,2,3-Trichlorobenzene	ug/L	50	48.6	97	60-140	
1,2,3-Trichloropropane	ug/L	50	53.7	107	60-140	
1,2,4-Trichlorobenzene	ug/L	50	50.0	100	60-140	
1,2,4-Trimethylbenzene	ug/L	50	50.8	102	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.8	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	53.8	108	60-140	
1,2-Dichlorobenzene	ug/L	50	49.7	99	60-140	
1,2-Dichloroethane	ug/L	50	45.3	91	60-140	
1,2-Dichloropropane	ug/L	50	50.5	101	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.8	102	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535408

LABORATORY CONTROL SAMPLE: 3246975

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	50.2	100	60-140	
1,3-Dichloropropane	ug/L	50	54.6	109	60-140	
1,4-Dichlorobenzene	ug/L	50	50.1	100	60-140	
2,2-Dichloropropane	ug/L	50	52.3	105	60-140	
2-Chlorotoluene	ug/L	50	51.9	104	60-140	
4-Chlorotoluene	ug/L	50	51.6	103	60-140	
Benzene	ug/L	50	49.2	98	60-140	
Bromobenzene	ug/L	50	52.4	105	60-140	
Bromochloromethane	ug/L	50	50.9	102	60-140	
Bromodichloromethane	ug/L	50	45.7	91	60-140	
Bromoform	ug/L	50	53.2	106	60-140	
Bromomethane	ug/L	50	42.9	86	60-140	
Carbon tetrachloride	ug/L	50	47.0	94	60-140	
Chlorobenzene	ug/L	50	51.6	103	60-140	
Chloroethane	ug/L	50	35.7	71	60-140	
Chloroform	ug/L	50	43.2	86	60-140	
Chloromethane	ug/L	50	45.5	91	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.5	101	60-140	
cis-1,3-Dichloropropene	ug/L	50	50.2	100	60-140	
Dibromochloromethane	ug/L	50	56.7	113	60-140	
Dibromomethane	ug/L	50	49.6	99	60-140	
Dichlorodifluoromethane	ug/L	50	46.4	93	60-140	
Diisopropyl ether	ug/L	50	49.3	99	60-140	
Ethylbenzene	ug/L	50	49.7	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	49.5	99	60-140	
Isopropylbenzene (Cumene)	ug/L	50	49.8	100	60-140	
m&p-Xylene	ug/L	100	100	100	60-140	
Methyl-tert-butyl ether	ug/L	50	48.3	97	60-140	
Methylene Chloride	ug/L	50	47.3	95	60-140	
n-Butylbenzene	ug/L	50	50.9	102	60-140	
n-Propylbenzene	ug/L	50	51.3	103	60-140	
Naphthalene	ug/L	50	50.0	100	60-140	
o-Xylene	ug/L	50	48.9	98	60-140	
sec-Butylbenzene	ug/L	50	50.9	102	60-140	
Styrene	ug/L	50	51.5	103	60-140	
tert-Butylbenzene	ug/L	50	43.0	86	60-140	
Tetrachloroethene	ug/L	50	50.8	102	60-140	
Toluene	ug/L	50	47.5	95	60-140	
trans-1,2-Dichloroethene	ug/L	50	52.3	105	60-140	
trans-1,3-Dichloropropene	ug/L	50	50.1	100	60-140	
Trichloroethene	ug/L	50	49.0	98	60-140	
Trichlorofluoromethane	ug/L	50	39.2	78	60-140	
Vinyl chloride	ug/L	50	45.9	92	60-140	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			96	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535408

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3246976 3246977											
Parameter	Units	92534973002		MS	MSD	MS		MSD	% Rec		Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
1,1,1,2-Tetrachloroethane	ug/L	ND	200	200	200	195	236	98	118	60-140	19
1,1,1-Trichloroethane	ug/L	ND	200	200	200	218	272	109	136	60-140	22
1,1,2,2-Tetrachloroethane	ug/L	ND	200	200	200	186	225	93	113	60-140	19
1,1,2-Trichloroethane	ug/L	ND	200	200	200	196	235	98	118	60-140	18
1,1-Dichloroethane	ug/L	ND	200	200	200	226	271	113	135	60-140	18
1,1-Dichloroethene	ug/L	ND	200	200	200	244	281	122	141	60-140	14 M1
1,1-Dichloropropene	ug/L	ND	200	200	200	222	263	111	132	60-140	17
1,2,3-Trichlorobenzene	ug/L	ND	200	200	200	151	193	76	96	60-140	24
1,2,3-Trichloropropane	ug/L	ND	200	200	200	192	239	96	119	60-140	22
1,2,4-Trichlorobenzene	ug/L	ND	200	200	200	161	201	81	101	60-140	22
1,2,4-Trimethylbenzene	ug/L	26.8	200	200	200	215	248	94	111	60-140	14
1,2-Dibromo-3-chloropropane	ug/L	ND	200	200	200	177	219	88	109	60-140	21
1,2-Dibromoethane (EDB)	ug/L	ND	200	200	200	208	244	104	122	60-140	16
1,2-Dichlorobenzene	ug/L	ND	200	200	200	181	214	91	107	60-140	17
1,2-Dichloroethane	ug/L	ND	200	200	200	188	216	94	108	60-140	14
1,2-Dichloropropane	ug/L	ND	200	200	200	210	248	105	124	60-140	17
1,3,5-Trimethylbenzene	ug/L	ND	200	200	200	198	232	99	116	60-140	16
1,3-Dichlorobenzene	ug/L	ND	200	200	200	182	216	91	108	60-140	17
1,3-Dichloropropane	ug/L	ND	200	200	200	221	251	111	126	60-140	13
1,4-Dichlorobenzene	ug/L	ND	200	200	200	181	215	91	107	60-140	17
2,2-Dichloropropane	ug/L	4.0J	200	200	200	205	256	100	126	60-140	22
2-Chlorotoluene	ug/L	ND	200	200	200	202	241	101	121	60-140	18
4-Chlorotoluene	ug/L	ND	200	200	200	193	225	97	113	60-140	15
Benzene	ug/L	1500	200	200	200	1680	1780	90	139	60-140	6
Bromobenzene	ug/L	ND	200	200	200	202	237	101	119	60-140	16
Bromochloromethane	ug/L	ND	200	200	200	210	262	105	131	60-140	22
Bromodichloromethane	ug/L	ND	200	200	200	186	212	93	106	60-140	13
Bromoform	ug/L	ND	200	200	200	182	223	91	111	60-140	20
Bromomethane	ug/L	ND	200	200	200	221	242	110	121	60-140	9
Carbon tetrachloride	ug/L	ND	200	200	200	204	254	102	127	60-140	22
Chlorobenzene	ug/L	ND	200	200	200	204	240	102	120	60-140	16
Chloroethane	ug/L	ND	200	200	200	207	219	103	109	60-140	5
Chloroform	ug/L	ND	200	200	200	191	225	95	112	60-140	16
Chloromethane	ug/L	ND	200	200	200	168	202	84	101	60-140	18
cis-1,2-Dichloroethene	ug/L	ND	200	200	200	211	264	106	132	60-140	22
cis-1,3-Dichloropropene	ug/L	ND	200	200	200	197	231	98	116	60-140	16
Dibromochloromethane	ug/L	ND	200	200	200	210	254	105	127	60-140	19
Dibromomethane	ug/L	ND	200	200	200	194	234	97	117	60-140	19
Dichlorodifluoromethane	ug/L	ND	200	200	200	179	214	89	107	60-140	18
Diisopropyl ether	ug/L	ND	200	200	200	206	244	103	122	60-140	17
Ethylbenzene	ug/L	171	200	200	200	373	412	101	121	60-140	10
Hexachloro-1,3-butadiene	ug/L	ND	200	200	200	180	215	90	107	60-140	18
Isopropylbenzene (Cumene)	ug/L	14.0	200	200	200	219	243	103	115	60-140	10
m&p-Xylene	ug/L	98.2	400	400	400	494	566	99	117	60-140	13
Methyl-tert-butyl ether	ug/L	653	200	200	200	848	917	97	132	60-140	8
Methylene Chloride	ug/L	ND	200	200	200	209	246	105	123	60-140	16

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535408

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3246976 3246977											
Parameter	Units	92534973002		MS	MSD	3246977		MS	MSD	% Rec	Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
n-Butylbenzene	ug/L	ND	200	200	200	189	222	94	111	60-140	16
n-Propylbenzene	ug/L	25.3	200	200	200	225	255	100	115	60-140	12
Naphthalene	ug/L	164	200	200	200	271	329	54	83	60-140	19 M1
o-Xylene	ug/L	17.2	200	200	200	205	237	94	110	60-140	15
sec-Butylbenzene	ug/L	ND	200	200	200	198	242	99	121	60-140	20
Styrene	ug/L	ND	200	200	200	191	229	96	114	60-140	18
tert-Butylbenzene	ug/L	ND	200	200	200	169	197	85	99	60-140	15
Tetrachloroethene	ug/L	ND	200	200	200	197	250	98	125	60-140	24
Toluene	ug/L	53.2	200	200	200	255	294	101	120	60-140	14
trans-1,2-Dichloroethene	ug/L	ND	200	200	200	228	269	114	135	60-140	17
trans-1,3-Dichloropropene	ug/L	ND	200	200	200	191	239	95	120	60-140	23
Trichloroethene	ug/L	ND	200	200	200	205	239	102	120	60-140	16
Trichlorofluoromethane	ug/L	ND	200	200	200	213	240	107	120	60-140	12
Vinyl chloride	ug/L	ND	200	200	200	177	211	89	106	60-140	17
1,2-Dichloroethane-d4 (S)	%							106	105	70-130	
4-Bromofluorobenzene (S)	%							98	99	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535408

QC Batch:	617107	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92535408002, 92535408003

METHOD BLANK: 3246983 Matrix: Water

Associated Lab Samples: 92535408002, 92535408003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/29/21 13:10	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/29/21 13:10	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/29/21 13:10	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/29/21 13:10	
1,1-Dichloroethane	ug/L	ND	0.50	04/29/21 13:10	
1,1-Dichloroethene	ug/L	ND	0.50	04/29/21 13:10	
1,1-Dichloropropene	ug/L	ND	0.50	04/29/21 13:10	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/29/21 13:10	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/29/21 13:10	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/29/21 13:10	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/29/21 13:10	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/29/21 13:10	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/29/21 13:10	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/29/21 13:10	
1,2-Dichloroethane	ug/L	ND	0.50	04/29/21 13:10	
1,2-Dichloropropane	ug/L	ND	0.50	04/29/21 13:10	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/29/21 13:10	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/29/21 13:10	
1,3-Dichloropropane	ug/L	ND	0.50	04/29/21 13:10	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/29/21 13:10	
2,2-Dichloropropane	ug/L	ND	0.50	04/29/21 13:10	
2-Chlorotoluene	ug/L	ND	0.50	04/29/21 13:10	
4-Chlorotoluene	ug/L	ND	0.50	04/29/21 13:10	
Benzene	ug/L	ND	0.50	04/29/21 13:10	
Bromobenzene	ug/L	ND	0.50	04/29/21 13:10	
Bromochloromethane	ug/L	ND	0.50	04/29/21 13:10	
Bromodichloromethane	ug/L	ND	0.50	04/29/21 13:10	
Bromoform	ug/L	ND	0.50	04/29/21 13:10	
Bromomethane	ug/L	ND	5.0	04/29/21 13:10	
Carbon tetrachloride	ug/L	ND	0.50	04/29/21 13:10	
Chlorobenzene	ug/L	ND	0.50	04/29/21 13:10	
Chloroethane	ug/L	ND	1.0	04/29/21 13:10	
Chloroform	ug/L	ND	0.50	04/29/21 13:10	
Chloromethane	ug/L	ND	1.0	04/29/21 13:10	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/29/21 13:10	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/29/21 13:10	
Dibromochloromethane	ug/L	ND	0.50	04/29/21 13:10	
Dibromomethane	ug/L	ND	0.50	04/29/21 13:10	
Dichlorodifluoromethane	ug/L	ND	0.50	04/29/21 13:10	
Diisopropyl ether	ug/L	ND	0.50	04/29/21 13:10	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535408

METHOD BLANK: 3246983

Matrix: Water

Associated Lab Samples: 92535408002, 92535408003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/29/21 13:10	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/29/21 13:10	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/29/21 13:10	
m&p-Xylene	ug/L	ND	1.0	04/29/21 13:10	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/29/21 13:10	
Methylene Chloride	ug/L	ND	2.0	04/29/21 13:10	
n-Butylbenzene	ug/L	ND	0.50	04/29/21 13:10	
n-Propylbenzene	ug/L	ND	0.50	04/29/21 13:10	
Naphthalene	ug/L	ND	2.0	04/29/21 13:10	
o-Xylene	ug/L	ND	0.50	04/29/21 13:10	
sec-Butylbenzene	ug/L	ND	0.50	04/29/21 13:10	
Styrene	ug/L	ND	0.50	04/29/21 13:10	
tert-Butylbenzene	ug/L	ND	0.50	04/29/21 13:10	
Tetrachloroethene	ug/L	ND	0.50	04/29/21 13:10	
Toluene	ug/L	ND	0.50	04/29/21 13:10	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/29/21 13:10	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/29/21 13:10	
Trichloroethene	ug/L	ND	0.50	04/29/21 13:10	
Trichlorofluoromethane	ug/L	ND	1.0	04/29/21 13:10	
Vinyl chloride	ug/L	ND	1.0	04/29/21 13:10	
1,2-Dichloroethane-d4 (S)	%	91	70-130	04/29/21 13:10	
4-Bromofluorobenzene (S)	%	103	70-130	04/29/21 13:10	
Toluene-d8 (S)	%	99	70-130	04/29/21 13:10	

LABORATORY CONTROL SAMPLE: 3246984

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	46.2	92	60-140	
1,1,1-Trichloroethane	ug/L	50	44.6	89	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	44.5	89	60-140	
1,1,2-Trichloroethane	ug/L	50	46.7	93	60-140	
1,1-Dichloroethane	ug/L	50	43.4	87	60-140	
1,1-Dichloroethene	ug/L	50	45.6	91	60-140	
1,1-Dichloropropene	ug/L	50	46.9	94	60-140	
1,2,3-Trichlorobenzene	ug/L	50	46.1	92	60-140	
1,2,3-Trichloropropane	ug/L	50	46.4	93	60-140	
1,2,4-Trichlorobenzene	ug/L	50	47.0	94	60-140	
1,2,4-Trimethylbenzene	ug/L	50	43.1	86	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	43.8	88	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	48.4	97	60-140	
1,2-Dichlorobenzene	ug/L	50	46.1	92	60-140	
1,2-Dichloroethane	ug/L	50	44.0	88	60-140	
1,2-Dichloropropane	ug/L	50	45.5	91	60-140	
1,3,5-Trimethylbenzene	ug/L	50	44.9	90	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535408

LABORATORY CONTROL SAMPLE: 3246984

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	46.3	93	60-140	
1,3-Dichloropropane	ug/L	50	47.6	95	60-140	
1,4-Dichlorobenzene	ug/L	50	45.5	91	60-140	
2,2-Dichloropropane	ug/L	50	42.6	85	60-140	
2-Chlorotoluene	ug/L	50	46.3	93	60-140	
4-Chlorotoluene	ug/L	50	43.8	88	60-140	
Benzene	ug/L	50	45.9	92	60-140	
Bromobenzene	ug/L	50	45.2	90	60-140	
Bromochloromethane	ug/L	50	45.3	91	60-140	
Bromodichloromethane	ug/L	50	40.4	81	60-140	
Bromoform	ug/L	50	48.0	96	60-140	
Bromomethane	ug/L	50	50.6	101	60-140	
Carbon tetrachloride	ug/L	50	47.2	94	60-140	
Chlorobenzene	ug/L	50	47.7	95	60-140	
Chloroethane	ug/L	50	38.1	76	60-140	
Chloroform	ug/L	50	42.2	84	60-140	
Chloromethane	ug/L	50	40.0	80	60-140	
cis-1,2-Dichloroethene	ug/L	50	42.7	85	60-140	
cis-1,3-Dichloropropene	ug/L	50	44.4	89	60-140	
Dibromochloromethane	ug/L	50	49.4	99	60-140	
Dibromomethane	ug/L	50	45.7	91	60-140	
Dichlorodifluoromethane	ug/L	50	49.8	100	60-140	
Diisopropyl ether	ug/L	50	39.3	79	60-140	
Ethylbenzene	ug/L	50	45.7	91	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.6	97	60-140	
Isopropylbenzene (Cumene)	ug/L	50	45.9	92	60-140	
m&p-Xylene	ug/L	100	90.8	91	60-140	
Methyl-tert-butyl ether	ug/L	50	45.4	91	60-140	
Methylene Chloride	ug/L	50	41.3	83	60-140	
n-Butylbenzene	ug/L	50	44.4	89	60-140	
n-Propylbenzene	ug/L	50	44.3	89	60-140	
Naphthalene	ug/L	50	46.5	93	60-140	
o-Xylene	ug/L	50	45.0	90	60-140	
sec-Butylbenzene	ug/L	50	44.2	88	60-140	
Styrene	ug/L	50	46.9	94	60-140	
tert-Butylbenzene	ug/L	50	37.4	75	60-140	
Tetrachloroethene	ug/L	50	47.0	94	60-140	
Toluene	ug/L	50	44.2	88	60-140	
trans-1,2-Dichloroethene	ug/L	50	43.5	87	60-140	
trans-1,3-Dichloropropene	ug/L	50	43.3	87	60-140	
Trichloroethene	ug/L	50	47.8	96	60-140	
Trichlorofluoromethane	ug/L	50	45.0	90	60-140	
Vinyl chloride	ug/L	50	42.5	85	60-140	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535408

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3246985 3246986											
Parameter	Units	92534967001		MS	MSD	3246986		MS	MSD	% Rec	% Rec
		Result	Conc.	Spike	Spike	Result	Conc.	Result	Conc.		
										Limits	RPD
1,1,1,2-Tetrachloroethane	ug/L	<62.2	4000	4000	4000	4450	4200	111	105	60-140	6
1,1,1-Trichloroethane	ug/L	<66.4	4000	4000	4000	4600	4140	115	103	60-140	11
1,1,2,2-Tetrachloroethane	ug/L	<45.0	4000	4000	4000	4270	3870	107	97	60-140	10
1,1,2-Trichloroethane	ug/L	<65.0	4000	4000	4000	4550	4260	114	107	60-140	7
1,1-Dichloroethane	ug/L	<73.4	4000	4000	4000	4370	3940	109	99	60-140	10
1,1-Dichloroethene	ug/L	<69.6	4000	4000	4000	4670	4220	117	106	60-140	10
1,1-Dichloropropene	ug/L	<85.4	4000	4000	4000	4790	4470	120	112	60-140	7
1,2,3-Trichlorobenzene	ug/L	<161	4000	4000	4000	4230	4020	106	100	60-140	5
1,2,3-Trichloropropane	ug/L	<52.2	4000	4000	4000	4370	4070	109	102	60-140	7
1,2,4-Trichlorobenzene	ug/L	<128	4000	4000	4000	4310	4210	108	105	60-140	2
1,2,4-Trimethylbenzene	ug/L	1030	4000	4000	4000	5310	6050	107	126	60-140	13
1,2-Dibromo-3-chloropropane	ug/L	<68.0	4000	4000	4000	4100	3820	103	95	60-140	7
1,2-Dibromoethane (EDB)	ug/L	<54.4	4000	4000	4000	4640	4210	116	105	60-140	10
1,2-Dichlorobenzene	ug/L	<67.8	4000	4000	4000	4430	4160	111	104	60-140	6
1,2-Dichloroethane	ug/L	<64.4	4000	4000	4000	4300	3950	107	99	60-140	8
1,2-Dichloropropane	ug/L	<71.0	4000	4000	4000	4580	4270	115	107	60-140	7
1,3,5-Trimethylbenzene	ug/L	<66.4	4000	4000	4000	4620	4670	116	117	60-140	1
1,3-Dichlorobenzene	ug/L	<68.0	4000	4000	4000	4420	4310	110	108	60-140	2
1,3-Dichloropropane	ug/L	<56.8	4000	4000	4000	4650	4390	116	110	60-140	6
1,4-Dichlorobenzene	ug/L	<66.6	4000	4000	4000	4370	4140	109	103	60-140	5
2,2-Dichloropropane	ug/L	<77.6	4000	4000	4000	4230	3800	106	95	60-140	11
2-Chlorotoluene	ug/L	<64.2	4000	4000	4000	4450	4200	111	105	60-140	6
4-Chlorotoluene	ug/L	<64.8	4000	4000	4000	4250	4060	106	101	60-140	5
Benzene	ug/L	7940	4000	4000	4000	12800	19800	121	295	60-140	43 M1,R1
Bromobenzene	ug/L	<58.0	4000	4000	4000	4190	4280	105	107	60-140	2
Bromochloromethane	ug/L	<93.6	4000	4000	4000	4530	4180	113	104	60-140	8
Bromodichloromethane	ug/L	<61.4	4000	4000	4000	3960	3650	99	91	60-140	8
Bromoform	ug/L	<68.2	4000	4000	4000	4340	3960	109	99	60-140	9
Bromomethane	ug/L	<332	4000	4000	4000	5300	4770	132	119	60-140	10
Carbon tetrachloride	ug/L	<66.6	4000	4000	4000	4940	4410	124	110	60-140	11
Chlorobenzene	ug/L	<56.8	4000	4000	4000	4670	4320	117	108	60-140	8
Chloroethane	ug/L	<130	4000	4000	4000	4170	3640	104	91	60-140	13
Chloroform	ug/L	<70.6	4000	4000	4000	4280	3810	107	95	60-140	11
Chloromethane	ug/L	<108	4000	4000	4000	3980	3770	100	94	60-140	5
cis-1,2-Dichloroethene	ug/L	<76.8	4000	4000	4000	4290	3850	107	96	60-140	11
cis-1,3-Dichloropropene	ug/L	<73.0	4000	4000	4000	4220	3930	105	98	60-140	7
Dibromochloromethane	ug/L	<71.8	4000	4000	4000	4680	4240	117	106	60-140	10
Dibromomethane	ug/L	<78.8	4000	4000	4000	4610	4140	115	104	60-140	11
Dichlorodifluoromethane	ug/L	<69.2	4000	4000	4000	5000	4550	125	114	60-140	9
Diisopropyl ether	ug/L	<61.6	4000	4000	4000	3820	3560	95	88	60-140	7
Ethylbenzene	ug/L	1520	4000	4000	4000	6060	7160	113	141	60-140	17 M1
Hexachloro-1,3-butadiene	ug/L	<306	4000	4000	4000	4410	4320	110	108	60-140	2
Isopropylbenzene (Cumene)	ug/L	<66.6	4000	4000	4000	4580	4420	115	110	60-140	4
m&p-Xylene	ug/L	5410	8000	8000	8000	14600	18700	115	166	60-140	25 M1
Methyl-tert-butyl ether	ug/L	<84.4	4000	4000	4000	4440	4050	111	101	60-140	9
Methylene Chloride	ug/L	<390	4000	4000	4000	4170	3730	104	93	60-140	11

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535408

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3246985 3246986											
Parameter	Units	92534967001		MS	MSD	MS		MSD	% Rec		Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
n-Butylbenzene	ug/L	<98.0	4000	4000	4000	4290	4010	107	100	60-140	7
n-Propylbenzene	ug/L	119	4000	4000	4000	4510	4400	110	107	60-140	2
Naphthalene	ug/L	401	4000	4000	4000	4660	4850	106	111	60-140	4
o-Xylene	ug/L	2690	4000	4000	4000	7310	9310	116	165	60-140	24 M1
sec-Butylbenzene	ug/L	<80.0	4000	4000	4000	4360	4210	109	105	60-140	3
Styrene	ug/L	<58.4	4000	4000	4000	4580	4320	114	108	60-140	6
tert-Butylbenzene	ug/L	<64.6	4000	4000	4000	3710	3500	93	87	60-140	6
Tetrachloroethene	ug/L	<58.4	4000	4000	4000	4720	4380	118	110	60-140	7
Toluene	ug/L	16200	4000	4000	4000	20900	35300	116	477	60-140	51 M1,R1
trans-1,2-Dichloroethene	ug/L	<79.2	4000	4000	4000	4480	4000	112	100	60-140	11
trans-1,3-Dichloropropene	ug/L	<72.6	4000	4000	4000	4040	3720	101	93	60-140	8
Trichloroethene	ug/L	<76.6	4000	4000	4000	4770	4390	119	110	60-140	8
Trichlorofluoromethane	ug/L	<59.6	4000	4000	4000	4650	4160	116	104	60-140	11
Vinyl chloride	ug/L	<77.2	4000	4000	4000	4370	3960	109	99	60-140	10
1,2-Dichloroethane-d4 (S)	%							90	92	70-130	
4-Bromofluorobenzene (S)	%							97	96	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535408

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535408

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92535408001	DUP-1	MADEP VPH	617461		
92535408002	FB-1	MADEP VPH	617461		
92535408001	DUP-1	EPA 3010A	616650	EPA 6010D	616675
92535408002	FB-1	EPA 3010A	616650	EPA 6010D	616675
92535408001	DUP-1	SM 6200B	617106		
92535408002	FB-1	SM 6200B	617107		
92535408003	TRIP BLANK	SM 6200B	617107		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

[illegible]

May 03, 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.: 92535409

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on April 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
Robert Hughes, Colonial Pipeline
Margaret King, APEX Companies, LLC
Cameron Lee, Montrose-EPS
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535409

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535409

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92535409001	13926B_HC_RD_20210427	MADEP VPH	LMB	7	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535409

Sample: 13926B_HC_RD_20210427		Lab ID: 92535409001		Collected: 04/27/21 11:25		Received: 04/27/21 13:00		Matrix: Water	
Parameters	Results	Units	Report Limit	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	1		04/30/21 20:51		N2	
Aliphatic (C05-C08)	ND	ug/L	50.0	1		04/30/21 20:51		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/30/21 20:51		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/30/21 20:51		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/30/21 20:51		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130	1		04/30/21 20:51	460-00-4		
4-Bromofluorobenzene (PID) (S)	99	%	70-130	1		04/30/21 20:51	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/28/21 01:46	04/29/21 01:39	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/29/21 16:00	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/29/21 16:00	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/29/21 16:00	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/29/21 16:00	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/29/21 16:00	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/29/21 16:00	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/29/21 16:00	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/29/21 16:00	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/29/21 16:00	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/29/21 16:00	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/29/21 16:00	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/29/21 16:00	75-00-3		
Chloroform	8.8	ug/L	0.50	1		04/29/21 16:00	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/29/21 16:00	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/29/21 16:00	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/29/21 16:00	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/29/21 16:00	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/29/21 16:00	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/29/21 16:00	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/29/21 16:00	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/29/21 16:00	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/29/21 16:00	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/29/21 16:00	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/29/21 16:00	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/29/21 16:00	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/29/21 16:00	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/29/21 16:00	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/29/21 16:00	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/29/21 16:00	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/29/21 16:00	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/29/21 16:00	142-28-9		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535409

Sample: 13926B_HC_RD_20210427		Lab ID: 92535409001		Collected: 04/27/21 11:25		Received: 04/27/21 13:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
2,2-Dichloropropane	ND	ug/L	0.50	1		04/29/21 16:00	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		04/29/21 16:00	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/29/21 16:00	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/29/21 16:00	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/29/21 16:00	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/29/21 16:00	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/29/21 16:00	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/29/21 16:00	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/29/21 16:00	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/29/21 16:00	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/29/21 16:00	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/29/21 16:00	103-65-1		
Styrene	ND	ug/L	0.50	1		04/29/21 16:00	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/29/21 16:00	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/29/21 16:00	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/29/21 16:00	127-18-4		
Toluene	ND	ug/L	0.50	1		04/29/21 16:00	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/29/21 16:00	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/29/21 16:00	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/29/21 16:00	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/29/21 16:00	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/29/21 16:00	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/29/21 16:00	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/29/21 16:00	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/29/21 16:00	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/29/21 16:00	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/29/21 16:00	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/29/21 16:00	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/29/21 16:00	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%	70-130	1		04/29/21 16:00	17060-07-0		
4-Bromofluorobenzene (S)	93	%	70-130	1		04/29/21 16:00	460-00-4		
Toluene-d8 (S)	93	%	70-130	1		04/29/21 16:00	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92535409

QC Batch: 617461	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92535409001

METHOD BLANK: 3248778 Matrix: Water

Associated Lab Samples: 92535409001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/30/21 15:07	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/30/21 15:07	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/30/21 15:07	N2
4-Bromofluorobenzene (FID) (S)	%	100	70-130	04/30/21 15:07	
4-Bromofluorobenzene (PID) (S)	%	98	70-130	04/30/21 15:07	

LABORATORY CONTROL SAMPLE & LCSD: 3248779

LABORATORY CONTROL SAMPLE & LCSD: 3248779			3248780							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	281	294	94	98	70-130	4	25	N2
Aliphatic (C09-C12)	ug/L	300	359	356	120	119	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	107	105	107	105	70-130	1	25	N2
4-Bromofluorobenzene (FID) (S)	%				99	97	70-130			
4-Bromofluorobenzene (PID) (S)	%				95	94	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535409

QC Batch: 616650

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92535409001

METHOD BLANK: 3244895

Matrix: Water

Associated Lab Samples: 92535409001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/29/21 00:02	

LABORATORY CONTROL SAMPLE: 3244896

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	486	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3244897 3244898

Parameter	Units	92534954001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Lead	ug/L	ND	500	500	484	478	97	95	75-125	1	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92535409

QC Batch: 617106	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92535409001

METHOD BLANK: 3246974 Matrix: Water

Associated Lab Samples: 92535409001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1-Dichloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1-Dichloroethene	ug/L	ND	0.50	04/29/21 13:53	
1,1-Dichloropropene	ug/L	ND	0.50	04/29/21 13:53	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/29/21 13:53	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/29/21 13:53	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/29/21 13:53	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/29/21 13:53	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/29/21 13:53	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/29/21 13:53	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/29/21 13:53	
1,2-Dichloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,2-Dichloropropane	ug/L	ND	0.50	04/29/21 13:53	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/29/21 13:53	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/29/21 13:53	
1,3-Dichloropropane	ug/L	ND	0.50	04/29/21 13:53	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/29/21 13:53	
2,2-Dichloropropane	ug/L	ND	0.50	04/29/21 13:53	
2-Chlorotoluene	ug/L	ND	0.50	04/29/21 13:53	
4-Chlorotoluene	ug/L	ND	0.50	04/29/21 13:53	
Benzene	ug/L	ND	0.50	04/29/21 13:53	
Bromobenzene	ug/L	ND	0.50	04/29/21 13:53	
Bromochloromethane	ug/L	ND	0.50	04/29/21 13:53	
Bromodichloromethane	ug/L	ND	0.50	04/29/21 13:53	
Bromoform	ug/L	ND	0.50	04/29/21 13:53	
Bromomethane	ug/L	ND	5.0	04/29/21 13:53	
Carbon tetrachloride	ug/L	ND	0.50	04/29/21 13:53	
Chlorobenzene	ug/L	ND	0.50	04/29/21 13:53	
Chloroethane	ug/L	ND	1.0	04/29/21 13:53	
Chloroform	ug/L	ND	0.50	04/29/21 13:53	
Chloromethane	ug/L	ND	1.0	04/29/21 13:53	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/29/21 13:53	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/29/21 13:53	
Dibromochloromethane	ug/L	ND	0.50	04/29/21 13:53	
Dibromomethane	ug/L	ND	0.50	04/29/21 13:53	
Dichlorodifluoromethane	ug/L	ND	0.50	04/29/21 13:53	
Diisopropyl ether	ug/L	ND	0.50	04/29/21 13:53	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92535409

METHOD BLANK: 3246974

Matrix: Water

Associated Lab Samples: 92535409001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/29/21 13:53	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/29/21 13:53	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/29/21 13:53	
m&p-Xylene	ug/L	ND	1.0	04/29/21 13:53	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/29/21 13:53	
Methylene Chloride	ug/L	ND	2.0	04/29/21 13:53	
n-Butylbenzene	ug/L	ND	0.50	04/29/21 13:53	
n-Propylbenzene	ug/L	ND	0.50	04/29/21 13:53	
Naphthalene	ug/L	ND	2.0	04/29/21 13:53	
o-Xylene	ug/L	ND	0.50	04/29/21 13:53	
sec-Butylbenzene	ug/L	ND	0.50	04/29/21 13:53	
Styrene	ug/L	ND	0.50	04/29/21 13:53	
tert-Butylbenzene	ug/L	ND	0.50	04/29/21 13:53	
Tetrachloroethene	ug/L	ND	0.50	04/29/21 13:53	
Toluene	ug/L	ND	0.50	04/29/21 13:53	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/29/21 13:53	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/29/21 13:53	
Trichloroethene	ug/L	ND	0.50	04/29/21 13:53	
Trichlorofluoromethane	ug/L	ND	1.0	04/29/21 13:53	
Vinyl chloride	ug/L	ND	1.0	04/29/21 13:53	
1,2-Dichloroethane-d4 (S)	%	103	70-130	04/29/21 13:53	
4-Bromofluorobenzene (S)	%	94	70-130	04/29/21 13:53	
Toluene-d8 (S)	%	100	70-130	04/29/21 13:53	

LABORATORY CONTROL SAMPLE: 3246975

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	50.7	101	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	51.0	102	60-140	
1,1,2-Trichloroethane	ug/L	50	48.9	98	60-140	
1,1-Dichloroethane	ug/L	50	53.2	106	60-140	
1,1-Dichloroethene	ug/L	50	55.5	111	60-140	
1,1-Dichloropropene	ug/L	50	52.3	105	60-140	
1,2,3-Trichlorobenzene	ug/L	50	48.6	97	60-140	
1,2,3-Trichloropropane	ug/L	50	53.7	107	60-140	
1,2,4-Trichlorobenzene	ug/L	50	50.0	100	60-140	
1,2,4-Trimethylbenzene	ug/L	50	50.8	102	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.8	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	53.8	108	60-140	
1,2-Dichlorobenzene	ug/L	50	49.7	99	60-140	
1,2-Dichloroethane	ug/L	50	45.3	91	60-140	
1,2-Dichloropropane	ug/L	50	50.5	101	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.8	102	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535409

LABORATORY CONTROL SAMPLE: 3246975

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	50.2	100	60-140	
1,3-Dichloropropane	ug/L	50	54.6	109	60-140	
1,4-Dichlorobenzene	ug/L	50	50.1	100	60-140	
2,2-Dichloropropane	ug/L	50	52.3	105	60-140	
2-Chlorotoluene	ug/L	50	51.9	104	60-140	
4-Chlorotoluene	ug/L	50	51.6	103	60-140	
Benzene	ug/L	50	49.2	98	60-140	
Bromobenzene	ug/L	50	52.4	105	60-140	
Bromochloromethane	ug/L	50	50.9	102	60-140	
Bromodichloromethane	ug/L	50	45.7	91	60-140	
Bromoform	ug/L	50	53.2	106	60-140	
Bromomethane	ug/L	50	42.9	86	60-140	
Carbon tetrachloride	ug/L	50	47.0	94	60-140	
Chlorobenzene	ug/L	50	51.6	103	60-140	
Chloroethane	ug/L	50	35.7	71	60-140	
Chloroform	ug/L	50	43.2	86	60-140	
Chloromethane	ug/L	50	45.5	91	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.5	101	60-140	
cis-1,3-Dichloropropene	ug/L	50	50.2	100	60-140	
Dibromochloromethane	ug/L	50	56.7	113	60-140	
Dibromomethane	ug/L	50	49.6	99	60-140	
Dichlorodifluoromethane	ug/L	50	46.4	93	60-140	
Diisopropyl ether	ug/L	50	49.3	99	60-140	
Ethylbenzene	ug/L	50	49.7	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	49.5	99	60-140	
Isopropylbenzene (Cumene)	ug/L	50	49.8	100	60-140	
m&p-Xylene	ug/L	100	100	100	60-140	
Methyl-tert-butyl ether	ug/L	50	48.3	97	60-140	
Methylene Chloride	ug/L	50	47.3	95	60-140	
n-Butylbenzene	ug/L	50	50.9	102	60-140	
n-Propylbenzene	ug/L	50	51.3	103	60-140	
Naphthalene	ug/L	50	50.0	100	60-140	
o-Xylene	ug/L	50	48.9	98	60-140	
sec-Butylbenzene	ug/L	50	50.9	102	60-140	
Styrene	ug/L	50	51.5	103	60-140	
tert-Butylbenzene	ug/L	50	43.0	86	60-140	
Tetrachloroethene	ug/L	50	50.8	102	60-140	
Toluene	ug/L	50	47.5	95	60-140	
trans-1,2-Dichloroethene	ug/L	50	52.3	105	60-140	
trans-1,3-Dichloropropene	ug/L	50	50.1	100	60-140	
Trichloroethene	ug/L	50	49.0	98	60-140	
Trichlorofluoromethane	ug/L	50	39.2	78	60-140	
Vinyl chloride	ug/L	50	45.9	92	60-140	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			96	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535409

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3246976 3246977											
Parameter	Units	92534973002		MS	MSD	MS		MSD	% Rec		Qual
		Result	Conc.	Spike	Spike	Result	Result	Result	% Rec	Limits	
1,1,1,2-Tetrachloroethane	ug/L	ND	200	200	200	195	236	98	118	60-140	19
1,1,1-Trichloroethane	ug/L	ND	200	200	200	218	272	109	136	60-140	22
1,1,2,2-Tetrachloroethane	ug/L	ND	200	200	200	186	225	93	113	60-140	19
1,1,2-Trichloroethane	ug/L	ND	200	200	200	196	235	98	118	60-140	18
1,1-Dichloroethane	ug/L	ND	200	200	200	226	271	113	135	60-140	18
1,1-Dichloroethene	ug/L	ND	200	200	200	244	281	122	141	60-140	14 M1
1,1-Dichloropropene	ug/L	ND	200	200	200	222	263	111	132	60-140	17
1,2,3-Trichlorobenzene	ug/L	ND	200	200	200	151	193	76	96	60-140	24
1,2,3-Trichloropropane	ug/L	ND	200	200	200	192	239	96	119	60-140	22
1,2,4-Trichlorobenzene	ug/L	ND	200	200	200	161	201	81	101	60-140	22
1,2,4-Trimethylbenzene	ug/L	26.8	200	200	200	215	248	94	111	60-140	14
1,2-Dibromo-3-chloropropane	ug/L	ND	200	200	200	177	219	88	109	60-140	21
1,2-Dibromoethane (EDB)	ug/L	ND	200	200	200	208	244	104	122	60-140	16
1,2-Dichlorobenzene	ug/L	ND	200	200	200	181	214	91	107	60-140	17
1,2-Dichloroethane	ug/L	ND	200	200	200	188	216	94	108	60-140	14
1,2-Dichloropropane	ug/L	ND	200	200	200	210	248	105	124	60-140	17
1,3,5-Trimethylbenzene	ug/L	ND	200	200	200	198	232	99	116	60-140	16
1,3-Dichlorobenzene	ug/L	ND	200	200	200	182	216	91	108	60-140	17
1,3-Dichloropropane	ug/L	ND	200	200	200	221	251	111	126	60-140	13
1,4-Dichlorobenzene	ug/L	ND	200	200	200	181	215	91	107	60-140	17
2,2-Dichloropropane	ug/L	4.0J	200	200	200	205	256	100	126	60-140	22
2-Chlorotoluene	ug/L	ND	200	200	200	202	241	101	121	60-140	18
4-Chlorotoluene	ug/L	ND	200	200	200	193	225	97	113	60-140	15
Benzene	ug/L	1500	200	200	200	1680	1780	90	139	60-140	6
Bromobenzene	ug/L	ND	200	200	200	202	237	101	119	60-140	16
Bromochloromethane	ug/L	ND	200	200	200	210	262	105	131	60-140	22
Bromodichloromethane	ug/L	ND	200	200	200	186	212	93	106	60-140	13
Bromoform	ug/L	ND	200	200	200	182	223	91	111	60-140	20
Bromomethane	ug/L	ND	200	200	200	221	242	110	121	60-140	9
Carbon tetrachloride	ug/L	ND	200	200	200	204	254	102	127	60-140	22
Chlorobenzene	ug/L	ND	200	200	200	204	240	102	120	60-140	16
Chloroethane	ug/L	ND	200	200	200	207	219	103	109	60-140	5
Chloroform	ug/L	ND	200	200	200	191	225	95	112	60-140	16
Chloromethane	ug/L	ND	200	200	200	168	202	84	101	60-140	18
cis-1,2-Dichloroethene	ug/L	ND	200	200	200	211	264	106	132	60-140	22
cis-1,3-Dichloropropene	ug/L	ND	200	200	200	197	231	98	116	60-140	16
Dibromochloromethane	ug/L	ND	200	200	200	210	254	105	127	60-140	19
Dibromomethane	ug/L	ND	200	200	200	194	234	97	117	60-140	19
Dichlorodifluoromethane	ug/L	ND	200	200	200	179	214	89	107	60-140	18
Diisopropyl ether	ug/L	ND	200	200	200	206	244	103	122	60-140	17
Ethylbenzene	ug/L	171	200	200	200	373	412	101	121	60-140	10
Hexachloro-1,3-butadiene	ug/L	ND	200	200	200	180	215	90	107	60-140	18
Isopropylbenzene (Cumene)	ug/L	14.0	200	200	200	219	243	103	115	60-140	10
m&p-Xylene	ug/L	98.2	400	400	400	494	566	99	117	60-140	13
Methyl-tert-butyl ether	ug/L	653	200	200	200	848	917	97	132	60-140	8
Methylene Chloride	ug/L	ND	200	200	200	209	246	105	123	60-140	16

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535409

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3246976 3246977											
Parameter	Units	92534973002		MS	MSD	MS		MSD	% Rec		Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
n-Butylbenzene	ug/L	ND	200	200	200	189	222	94	111	60-140	16
n-Propylbenzene	ug/L	25.3	200	200	200	225	255	100	115	60-140	12
Naphthalene	ug/L	164	200	200	200	271	329	54	83	60-140	19 M1
o-Xylene	ug/L	17.2	200	200	200	205	237	94	110	60-140	15
sec-Butylbenzene	ug/L	ND	200	200	200	198	242	99	121	60-140	20
Styrene	ug/L	ND	200	200	200	191	229	96	114	60-140	18
tert-Butylbenzene	ug/L	ND	200	200	200	169	197	85	99	60-140	15
Tetrachloroethene	ug/L	ND	200	200	200	197	250	98	125	60-140	24
Toluene	ug/L	53.2	200	200	200	255	294	101	120	60-140	14
trans-1,2-Dichloroethene	ug/L	ND	200	200	200	228	269	114	135	60-140	17
trans-1,3-Dichloropropene	ug/L	ND	200	200	200	191	239	95	120	60-140	23
Trichloroethene	ug/L	ND	200	200	200	205	239	102	120	60-140	16
Trichlorofluoromethane	ug/L	ND	200	200	200	213	240	107	120	60-140	12
Vinyl chloride	ug/L	ND	200	200	200	177	211	89	106	60-140	17
1,2-Dichloroethane-d4 (S)	%							106	105	70-130	
4-Bromofluorobenzene (S)	%							98	99	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535409

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535409

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92535409001	13926B_HC_RD_20210427	MADEP VPH	617461		
92535409001	13926B_HC_RD_20210427	EPA 3010A	616650	EPA 6010D	616675
92535409001	13926B_HC_RD_20210427	SM 6200B	617106		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

May 03, 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.: 92535410

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on April 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
Robert Hughes, Colonial Pipeline
Margaret King, APEX Companies, LLC
Cameron Lee, Montrose-EPS
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535410

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535410

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92535410001	13926A_HC_RD_20210427	MADEP VPH	LMB	7	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535410

Sample: 13926A_HC_RD_20210427		Lab ID: 92535410001		Collected: 04/27/21 12:15		Received: 04/27/21 13:00		Matrix: Water	
Parameters	Results	Units	Report Limit	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	1		04/30/21 21:19		N2	
Aliphatic (C05-C08)	ND	ug/L	50.0	1		04/30/21 21:19		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/30/21 21:19		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/30/21 21:19		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/30/21 21:19		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130	1		04/30/21 21:19	460-00-4		
4-Bromofluorobenzene (PID) (S)	100	%	70-130	1		04/30/21 21:19	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/28/21 01:46	04/29/21 01:42	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/29/21 16:18	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/29/21 16:18	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/29/21 16:18	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/29/21 16:18	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/29/21 16:18	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/29/21 16:18	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/29/21 16:18	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/29/21 16:18	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/29/21 16:18	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/29/21 16:18	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/29/21 16:18	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/29/21 16:18	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/29/21 16:18	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/29/21 16:18	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/29/21 16:18	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/29/21 16:18	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/29/21 16:18	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/29/21 16:18	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/29/21 16:18	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/29/21 16:18	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/29/21 16:18	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/29/21 16:18	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/29/21 16:18	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/29/21 16:18	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/29/21 16:18	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/29/21 16:18	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/29/21 16:18	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/29/21 16:18	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/29/21 16:18	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/29/21 16:18	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/29/21 16:18	142-28-9		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535410

Sample: 13926A_HC_RD_20210427		Lab ID: 92535410001		Collected: 04/27/21 12:15		Received: 04/27/21 13:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
2,2-Dichloropropane	ND	ug/L	0.50	1		04/29/21 16:18	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		04/29/21 16:18	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/29/21 16:18	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/29/21 16:18	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/29/21 16:18	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/29/21 16:18	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/29/21 16:18	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/29/21 16:18	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/29/21 16:18	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/29/21 16:18	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/29/21 16:18	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/29/21 16:18	103-65-1		
Styrene	ND	ug/L	0.50	1		04/29/21 16:18	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/29/21 16:18	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/29/21 16:18	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/29/21 16:18	127-18-4		
Toluene	ND	ug/L	0.50	1		04/29/21 16:18	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/29/21 16:18	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/29/21 16:18	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/29/21 16:18	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/29/21 16:18	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/29/21 16:18	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/29/21 16:18	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/29/21 16:18	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/29/21 16:18	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/29/21 16:18	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/29/21 16:18	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/29/21 16:18	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/29/21 16:18	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		04/29/21 16:18	17060-07-0		
4-Bromofluorobenzene (S)	93	%	70-130	1		04/29/21 16:18	460-00-4		
Toluene-d8 (S)	97	%	70-130	1		04/29/21 16:18	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535410

QC Batch:	617461	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92535410001

METHOD BLANK: 3248778 Matrix: Water

Associated Lab Samples: 92535410001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/30/21 15:07	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/30/21 15:07	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/30/21 15:07	N2
4-Bromofluorobenzene (FID) (S)	%	100	70-130	04/30/21 15:07	
4-Bromofluorobenzene (PID) (S)	%	98	70-130	04/30/21 15:07	

LABORATORY CONTROL SAMPLE & LCSD: 3248779

		3248780								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	281	294	94	98	70-130	4	25	N2
Aliphatic (C09-C12)	ug/L	300	359	356	120	119	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	107	105	107	105	70-130	1	25	N2
4-Bromofluorobenzene (FID) (S)	%				99	97	70-130			
4-Bromofluorobenzene (PID) (S)	%				95	94	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535410

QC Batch: 616650

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92535410001

METHOD BLANK: 3244895

Matrix: Water

Associated Lab Samples: 92535410001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/29/21 00:02	

LABORATORY CONTROL SAMPLE: 3244896

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	486	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3244897 3244898

Parameter	Units	92534954001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Lead	ug/L	ND	500	500	484	478	97	95	75-125	1	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92535410

QC Batch: 617106	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92535410001

METHOD BLANK: 3246974 Matrix: Water

Associated Lab Samples: 92535410001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1-Dichloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,1-Dichloroethene	ug/L	ND	0.50	04/29/21 13:53	
1,1-Dichloropropene	ug/L	ND	0.50	04/29/21 13:53	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/29/21 13:53	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/29/21 13:53	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/29/21 13:53	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/29/21 13:53	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/29/21 13:53	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/29/21 13:53	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/29/21 13:53	
1,2-Dichloroethane	ug/L	ND	0.50	04/29/21 13:53	
1,2-Dichloropropane	ug/L	ND	0.50	04/29/21 13:53	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/29/21 13:53	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/29/21 13:53	
1,3-Dichloropropane	ug/L	ND	0.50	04/29/21 13:53	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/29/21 13:53	
2,2-Dichloropropane	ug/L	ND	0.50	04/29/21 13:53	
2-Chlorotoluene	ug/L	ND	0.50	04/29/21 13:53	
4-Chlorotoluene	ug/L	ND	0.50	04/29/21 13:53	
Benzene	ug/L	ND	0.50	04/29/21 13:53	
Bromobenzene	ug/L	ND	0.50	04/29/21 13:53	
Bromochloromethane	ug/L	ND	0.50	04/29/21 13:53	
Bromodichloromethane	ug/L	ND	0.50	04/29/21 13:53	
Bromoform	ug/L	ND	0.50	04/29/21 13:53	
Bromomethane	ug/L	ND	5.0	04/29/21 13:53	
Carbon tetrachloride	ug/L	ND	0.50	04/29/21 13:53	
Chlorobenzene	ug/L	ND	0.50	04/29/21 13:53	
Chloroethane	ug/L	ND	1.0	04/29/21 13:53	
Chloroform	ug/L	ND	0.50	04/29/21 13:53	
Chloromethane	ug/L	ND	1.0	04/29/21 13:53	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/29/21 13:53	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/29/21 13:53	
Dibromochloromethane	ug/L	ND	0.50	04/29/21 13:53	
Dibromomethane	ug/L	ND	0.50	04/29/21 13:53	
Dichlorodifluoromethane	ug/L	ND	0.50	04/29/21 13:53	
Diisopropyl ether	ug/L	ND	0.50	04/29/21 13:53	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92535410

METHOD BLANK: 3246974 Matrix: Water
Associated Lab Samples: 92535410001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/29/21 13:53	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/29/21 13:53	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/29/21 13:53	
m&p-Xylene	ug/L	ND	1.0	04/29/21 13:53	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/29/21 13:53	
Methylene Chloride	ug/L	ND	2.0	04/29/21 13:53	
n-Butylbenzene	ug/L	ND	0.50	04/29/21 13:53	
n-Propylbenzene	ug/L	ND	0.50	04/29/21 13:53	
Naphthalene	ug/L	ND	2.0	04/29/21 13:53	
o-Xylene	ug/L	ND	0.50	04/29/21 13:53	
sec-Butylbenzene	ug/L	ND	0.50	04/29/21 13:53	
Styrene	ug/L	ND	0.50	04/29/21 13:53	
tert-Butylbenzene	ug/L	ND	0.50	04/29/21 13:53	
Tetrachloroethene	ug/L	ND	0.50	04/29/21 13:53	
Toluene	ug/L	ND	0.50	04/29/21 13:53	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/29/21 13:53	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/29/21 13:53	
Trichloroethene	ug/L	ND	0.50	04/29/21 13:53	
Trichlorofluoromethane	ug/L	ND	1.0	04/29/21 13:53	
Vinyl chloride	ug/L	ND	1.0	04/29/21 13:53	
1,2-Dichloroethane-d4 (S)	%	103	70-130	04/29/21 13:53	
4-Bromofluorobenzene (S)	%	94	70-130	04/29/21 13:53	
Toluene-d8 (S)	%	100	70-130	04/29/21 13:53	

LABORATORY CONTROL SAMPLE: 3246975

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	50.7	101	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	51.0	102	60-140	
1,1,2-Trichloroethane	ug/L	50	48.9	98	60-140	
1,1-Dichloroethane	ug/L	50	53.2	106	60-140	
1,1-Dichloroethene	ug/L	50	55.5	111	60-140	
1,1-Dichloropropene	ug/L	50	52.3	105	60-140	
1,2,3-Trichlorobenzene	ug/L	50	48.6	97	60-140	
1,2,3-Trichloropropane	ug/L	50	53.7	107	60-140	
1,2,4-Trichlorobenzene	ug/L	50	50.0	100	60-140	
1,2,4-Trimethylbenzene	ug/L	50	50.8	102	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.8	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	53.8	108	60-140	
1,2-Dichlorobenzene	ug/L	50	49.7	99	60-140	
1,2-Dichloroethane	ug/L	50	45.3	91	60-140	
1,2-Dichloropropane	ug/L	50	50.5	101	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.8	102	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535410

LABORATORY CONTROL SAMPLE: 3246975

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	50.2	100	60-140	
1,3-Dichloropropane	ug/L	50	54.6	109	60-140	
1,4-Dichlorobenzene	ug/L	50	50.1	100	60-140	
2,2-Dichloropropane	ug/L	50	52.3	105	60-140	
2-Chlorotoluene	ug/L	50	51.9	104	60-140	
4-Chlorotoluene	ug/L	50	51.6	103	60-140	
Benzene	ug/L	50	49.2	98	60-140	
Bromobenzene	ug/L	50	52.4	105	60-140	
Bromochloromethane	ug/L	50	50.9	102	60-140	
Bromodichloromethane	ug/L	50	45.7	91	60-140	
Bromoform	ug/L	50	53.2	106	60-140	
Bromomethane	ug/L	50	42.9	86	60-140	
Carbon tetrachloride	ug/L	50	47.0	94	60-140	
Chlorobenzene	ug/L	50	51.6	103	60-140	
Chloroethane	ug/L	50	35.7	71	60-140	
Chloroform	ug/L	50	43.2	86	60-140	
Chloromethane	ug/L	50	45.5	91	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.5	101	60-140	
cis-1,3-Dichloropropene	ug/L	50	50.2	100	60-140	
Dibromochloromethane	ug/L	50	56.7	113	60-140	
Dibromomethane	ug/L	50	49.6	99	60-140	
Dichlorodifluoromethane	ug/L	50	46.4	93	60-140	
Diisopropyl ether	ug/L	50	49.3	99	60-140	
Ethylbenzene	ug/L	50	49.7	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	49.5	99	60-140	
Isopropylbenzene (Cumene)	ug/L	50	49.8	100	60-140	
m&p-Xylene	ug/L	100	100	100	60-140	
Methyl-tert-butyl ether	ug/L	50	48.3	97	60-140	
Methylene Chloride	ug/L	50	47.3	95	60-140	
n-Butylbenzene	ug/L	50	50.9	102	60-140	
n-Propylbenzene	ug/L	50	51.3	103	60-140	
Naphthalene	ug/L	50	50.0	100	60-140	
o-Xylene	ug/L	50	48.9	98	60-140	
sec-Butylbenzene	ug/L	50	50.9	102	60-140	
Styrene	ug/L	50	51.5	103	60-140	
tert-Butylbenzene	ug/L	50	43.0	86	60-140	
Tetrachloroethene	ug/L	50	50.8	102	60-140	
Toluene	ug/L	50	47.5	95	60-140	
trans-1,2-Dichloroethene	ug/L	50	52.3	105	60-140	
trans-1,3-Dichloropropene	ug/L	50	50.1	100	60-140	
Trichloroethene	ug/L	50	49.0	98	60-140	
Trichlorofluoromethane	ug/L	50	39.2	78	60-140	
Vinyl chloride	ug/L	50	45.9	92	60-140	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			96	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535410

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3246976 3246977											
Parameter	Units	92534973002		MS	MSD	MS		MSD	% Rec		Qual
		Result	Conc.	Spike	Spike	Result	Result	Result	% Rec	Limits	
1,1,1,2-Tetrachloroethane	ug/L	ND	200	200	200	195	236	98	118	60-140	19
1,1,1-Trichloroethane	ug/L	ND	200	200	200	218	272	109	136	60-140	22
1,1,2,2-Tetrachloroethane	ug/L	ND	200	200	200	186	225	93	113	60-140	19
1,1,2-Trichloroethane	ug/L	ND	200	200	200	196	235	98	118	60-140	18
1,1-Dichloroethane	ug/L	ND	200	200	200	226	271	113	135	60-140	18
1,1-Dichloroethene	ug/L	ND	200	200	200	244	281	122	141	60-140	14 M1
1,1-Dichloropropene	ug/L	ND	200	200	200	222	263	111	132	60-140	17
1,2,3-Trichlorobenzene	ug/L	ND	200	200	200	151	193	76	96	60-140	24
1,2,3-Trichloropropane	ug/L	ND	200	200	200	192	239	96	119	60-140	22
1,2,4-Trichlorobenzene	ug/L	ND	200	200	200	161	201	81	101	60-140	22
1,2,4-Trimethylbenzene	ug/L	26.8	200	200	200	215	248	94	111	60-140	14
1,2-Dibromo-3-chloropropane	ug/L	ND	200	200	200	177	219	88	109	60-140	21
1,2-Dibromoethane (EDB)	ug/L	ND	200	200	200	208	244	104	122	60-140	16
1,2-Dichlorobenzene	ug/L	ND	200	200	200	181	214	91	107	60-140	17
1,2-Dichloroethane	ug/L	ND	200	200	200	188	216	94	108	60-140	14
1,2-Dichloropropane	ug/L	ND	200	200	200	210	248	105	124	60-140	17
1,3,5-Trimethylbenzene	ug/L	ND	200	200	200	198	232	99	116	60-140	16
1,3-Dichlorobenzene	ug/L	ND	200	200	200	182	216	91	108	60-140	17
1,3-Dichloropropane	ug/L	ND	200	200	200	221	251	111	126	60-140	13
1,4-Dichlorobenzene	ug/L	ND	200	200	200	181	215	91	107	60-140	17
2,2-Dichloropropane	ug/L	4.0J	200	200	200	205	256	100	126	60-140	22
2-Chlorotoluene	ug/L	ND	200	200	200	202	241	101	121	60-140	18
4-Chlorotoluene	ug/L	ND	200	200	200	193	225	97	113	60-140	15
Benzene	ug/L	1500	200	200	200	1680	1780	90	139	60-140	6
Bromobenzene	ug/L	ND	200	200	200	202	237	101	119	60-140	16
Bromochloromethane	ug/L	ND	200	200	200	210	262	105	131	60-140	22
Bromodichloromethane	ug/L	ND	200	200	200	186	212	93	106	60-140	13
Bromoform	ug/L	ND	200	200	200	182	223	91	111	60-140	20
Bromomethane	ug/L	ND	200	200	200	221	242	110	121	60-140	9
Carbon tetrachloride	ug/L	ND	200	200	200	204	254	102	127	60-140	22
Chlorobenzene	ug/L	ND	200	200	200	204	240	102	120	60-140	16
Chloroethane	ug/L	ND	200	200	200	207	219	103	109	60-140	5
Chloroform	ug/L	ND	200	200	200	191	225	95	112	60-140	16
Chloromethane	ug/L	ND	200	200	200	168	202	84	101	60-140	18
cis-1,2-Dichloroethene	ug/L	ND	200	200	200	211	264	106	132	60-140	22
cis-1,3-Dichloropropene	ug/L	ND	200	200	200	197	231	98	116	60-140	16
Dibromochloromethane	ug/L	ND	200	200	200	210	254	105	127	60-140	19
Dibromomethane	ug/L	ND	200	200	200	194	234	97	117	60-140	19
Dichlorodifluoromethane	ug/L	ND	200	200	200	179	214	89	107	60-140	18
Diisopropyl ether	ug/L	ND	200	200	200	206	244	103	122	60-140	17
Ethylbenzene	ug/L	171	200	200	200	373	412	101	121	60-140	10
Hexachloro-1,3-butadiene	ug/L	ND	200	200	200	180	215	90	107	60-140	18
Isopropylbenzene (Cumene)	ug/L	14.0	200	200	200	219	243	103	115	60-140	10
m&p-Xylene	ug/L	98.2	400	400	400	494	566	99	117	60-140	13
Methyl-tert-butyl ether	ug/L	653	200	200	200	848	917	97	132	60-140	8
Methylene Chloride	ug/L	ND	200	200	200	209	246	105	123	60-140	16

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535410

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3246976 3246977											
Parameter	Units	92534973002		MS	MSD	3246977		MS	MSD	% Rec	Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
n-Butylbenzene	ug/L	ND	200	200	200	189	222	94	111	60-140	16
n-Propylbenzene	ug/L	25.3	200	200	200	225	255	100	115	60-140	12
Naphthalene	ug/L	164	200	200	200	271	329	54	83	60-140	19 M1
o-Xylene	ug/L	17.2	200	200	200	205	237	94	110	60-140	15
sec-Butylbenzene	ug/L	ND	200	200	200	198	242	99	121	60-140	20
Styrene	ug/L	ND	200	200	200	191	229	96	114	60-140	18
tert-Butylbenzene	ug/L	ND	200	200	200	169	197	85	99	60-140	15
Tetrachloroethene	ug/L	ND	200	200	200	197	250	98	125	60-140	24
Toluene	ug/L	53.2	200	200	200	255	294	101	120	60-140	14
trans-1,2-Dichloroethene	ug/L	ND	200	200	200	228	269	114	135	60-140	17
trans-1,3-Dichloropropene	ug/L	ND	200	200	200	191	239	95	120	60-140	23
Trichloroethene	ug/L	ND	200	200	200	205	239	102	120	60-140	16
Trichlorofluoromethane	ug/L	ND	200	200	200	213	240	107	120	60-140	12
Vinyl chloride	ug/L	ND	200	200	200	177	211	89	106	60-140	17
1,2-Dichloroethane-d4 (S)	%							106	105	70-130	
4-Bromofluorobenzene (S)	%							98	99	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535410

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92535410

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92535410001	13926A_HC_RD_20210427	MADEP VPH	617461		
92535410001	13926A_HC_RD_20210427	EPA 3010A	616650	EPA 6010D	616675
92535410001	13926A_HC_RD_20210427	SM 6200B	617106		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

May 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.: 92536809

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on May 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 - 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
Robert Hughes, Colonial Pipeline
Margaret King, APEX Companies, LLC
Cameron Lee, Montrose-EPS
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536809

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: 2020-L1-2448 Incident

Pace Project No.: 92536809

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92536809001	14226_HC_RD_20210504	Water	05/04/21 14:15	05/04/21 15:42

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92536809

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92536809001	14226_HC_RD_20210504	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	DS	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536809

Sample: 14226_HC_RD_20210504 Lab ID: 92536809001 Collected: 05/04/21 14:15 Received: 05/04/21 15:42 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		05/06/21 17:19		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/06/21 17:19		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/06/21 17:19		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/06/21 17:19		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/06/21 17:19		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		05/06/21 17:19	460-00-4	
4-Bromofluorobenzene (PID) (S)	102	%	70-130		1		05/06/21 17:19	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	05/07/21 13:47	05/09/21 00:32	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/05/21 23:18	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/05/21 23:18	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/05/21 23:18	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/05/21 23:18	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/05/21 23:18	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/05/21 23:18	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/05/21 23:18	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/05/21 23:18	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/05/21 23:18	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/05/21 23:18	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/05/21 23:18	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/05/21 23:18	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/05/21 23:18	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/05/21 23:18	74-87-3	M1
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 23:18	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 23:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/05/21 23:18	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/05/21 23:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/05/21 23:18	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/05/21 23:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 23:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 23:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/05/21 23:18	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/05/21 23:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/05/21 23:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 23:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/05/21 23:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 23:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/05/21 23:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/05/21 23:18	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536809

Sample: 14226_HC_RD_20210504 **Lab ID:** 92536809001 **Collected:** 05/04/21 14:15 **Received:** 05/04/21 15:42 **Matrix:** Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/05/21 23:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/05/21 23:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/05/21 23:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 23:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 23:18	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/05/21 23:18	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/05/21 23:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/05/21 23:18	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/05/21 23:18	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/05/21 23:18	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/05/21 23:18	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/05/21 23:18	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/05/21 23:18	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/05/21 23:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/05/21 23:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/05/21 23:18	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/05/21 23:18	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/05/21 23:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/05/21 23:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/05/21 23:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/05/21 23:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 23:18	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 23:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/05/21 23:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/05/21 23:18	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/05/21 23:18	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/05/21 23:18	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/05/21 23:18	75-01-4	M1
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/05/21 23:18	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/05/21 23:18	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		05/05/21 23:18	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		05/05/21 23:18	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/05/21 23:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92536809

QC Batch:	618715	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92536809001

METHOD BLANK: 3255362 Matrix: Water
Associated Lab Samples: 92536809001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/06/21 13:32	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/06/21 13:32	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/06/21 13:32	N2
4-Bromofluorobenzene (FID) (S)	%	101	70-130		05/06/21 13:32	
4-Bromofluorobenzene (PID) (S)	%	104	70-130		05/06/21 13:32	

LABORATORY CONTROL SAMPLE & LCSD: 3255363

		3255364								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	350	342	117	114	70-130	2	25	N2
Aliphatic (C09-C12)	ug/L	300	333	340	111	113	70-130	2	25	N2
Aromatic (C09-C10)	ug/L	100	108	111	108	111	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				103	107	70-130			
4-Bromofluorobenzene (PID) (S)	%				103	107	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92536809

QC Batch: 618929

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92536809001

METHOD BLANK: 3256558

Matrix: Water

Associated Lab Samples: 92536809001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	05/09/21 00:13	

LABORATORY CONTROL SAMPLE: 3256559

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	451	90	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3256560 3256561

Parameter	Units	92536809001 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	436	456	87	91	75-125	4	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92536809

QC Batch: 618396	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92536809001

METHOD BLANK: 3253569 Matrix: Water
Associated Lab Samples: 92536809001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/05/21 22:24	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/05/21 22:24	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/05/21 22:24	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/05/21 22:24	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/05/21 22:24	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/05/21 22:24	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/05/21 22:24	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/05/21 22:24	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/05/21 22:24	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/05/21 22:24	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/05/21 22:24	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/05/21 22:24	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/05/21 22:24	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/05/21 22:24	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/05/21 22:24	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/05/21 22:24	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/05/21 22:24	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/05/21 22:24	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/05/21 22:24	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/05/21 22:24	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/05/21 22:24	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/05/21 22:24	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/05/21 22:24	
Benzene	ug/L	ND	0.50	0.34	05/05/21 22:24	
Bromobenzene	ug/L	ND	0.50	0.29	05/05/21 22:24	
Bromochloromethane	ug/L	ND	0.50	0.47	05/05/21 22:24	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/05/21 22:24	
Bromoform	ug/L	ND	0.50	0.34	05/05/21 22:24	
Bromomethane	ug/L	ND	5.0	1.7	05/05/21 22:24	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/05/21 22:24	
Chlorobenzene	ug/L	ND	0.50	0.28	05/05/21 22:24	
Chloroethane	ug/L	ND	1.0	0.65	05/05/21 22:24	
Chloroform	ug/L	ND	0.50	0.35	05/05/21 22:24	
Chloromethane	ug/L	ND	1.0	0.54	05/05/21 22:24	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/05/21 22:24	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/05/21 22:24	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/05/21 22:24	
Dibromomethane	ug/L	ND	0.50	0.39	05/05/21 22:24	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/05/21 22:24	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/05/21 22:24	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92536809

METHOD BLANK: 3253569

Matrix: Water

Associated Lab Samples: 92536809001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/05/21 22:24	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/05/21 22:24	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/05/21 22:24	
m&p-Xylene	ug/L	ND	1.0	0.71	05/05/21 22:24	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/05/21 22:24	
Methylene Chloride	ug/L	ND	2.0	2.0	05/05/21 22:24	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/05/21 22:24	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/05/21 22:24	
Naphthalene	ug/L	ND	2.0	0.64	05/05/21 22:24	
o-Xylene	ug/L	ND	0.50	0.34	05/05/21 22:24	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/05/21 22:24	
Styrene	ug/L	ND	0.50	0.29	05/05/21 22:24	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/05/21 22:24	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/05/21 22:24	
Toluene	ug/L	ND	0.50	0.48	05/05/21 22:24	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/05/21 22:24	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/05/21 22:24	
Trichloroethene	ug/L	ND	0.50	0.38	05/05/21 22:24	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/05/21 22:24	
Vinyl chloride	ug/L	ND	1.0	0.39	05/05/21 22:24	
1,2-Dichloroethane-d4 (S)	%	100	70-130		05/05/21 22:24	
4-Bromofluorobenzene (S)	%	97	70-130		05/05/21 22:24	
Toluene-d8 (S)	%	102	70-130		05/05/21 22:24	

LABORATORY CONTROL SAMPLE: 3253571

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.2	100	60-140	
1,1,1-Trichloroethane	ug/L	50	50.1	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	53.2	106	60-140	
1,1,2-Trichloroethane	ug/L	50	51.5	103	60-140	
1,1-Dichloroethane	ug/L	50	57.1	114	60-140	
1,1-Dichloroethene	ug/L	50	55.4	111	60-140	
1,1-Dichloropropene	ug/L	50	53.7	107	60-140	
1,2,3-Trichlorobenzene	ug/L	50	46.9	94	60-140	
1,2,3-Trichloropropane	ug/L	50	52.2	104	60-140	
1,2,4-Trichlorobenzene	ug/L	50	47.8	96	60-140	
1,2,4-Trimethylbenzene	ug/L	50	51.0	102	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.8	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	56.3	113	60-140	
1,2-Dichlorobenzene	ug/L	50	47.9	96	60-140	
1,2-Dichloroethane	ug/L	50	46.1	92	60-140	
1,2-Dichloropropane	ug/L	50	57.7	115	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.5	101	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92536809

LABORATORY CONTROL SAMPLE: 3253571

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	47.9	96	60-140	
1,3-Dichloropropane	ug/L	50	59.6	119	60-140	
1,4-Dichlorobenzene	ug/L	50	48.2	96	60-140	
2,2-Dichloropropane	ug/L	50	50.1	100	60-140	
2-Chlorotoluene	ug/L	50	52.1	104	60-140	
4-Chlorotoluene	ug/L	50	50.6	101	60-140	
Benzene	ug/L	50	53.3	107	60-140	
Bromobenzene	ug/L	50	51.4	103	60-140	
Bromochloromethane	ug/L	50	52.9	106	60-140	
Bromodichloromethane	ug/L	50	51.1	102	60-140	
Bromoform	ug/L	50	50.1	100	60-140	
Bromomethane	ug/L	50	43.8	88	60-140	
Carbon tetrachloride	ug/L	50	44.9	90	60-140	
Chlorobenzene	ug/L	50	51.1	102	60-140	
Chloroethane	ug/L	50	39.2	78	60-140	
Chloroform	ug/L	50	48.7	97	60-140	
Chloromethane	ug/L	50	61.4	123	60-140	
cis-1,2-Dichloroethene	ug/L	50	57.4	115	60-140	
cis-1,3-Dichloropropene	ug/L	50	53.1	106	60-140	
Dibromochloromethane	ug/L	50	56.9	114	60-140	
Dibromomethane	ug/L	50	47.3	95	60-140	
Dichlorodifluoromethane	ug/L	50	41.5	83	60-140	
Diisopropyl ether	ug/L	50	61.3	123	60-140	
Ethylbenzene	ug/L	50	50.8	102	60-140	
Hexachloro-1,3-butadiene	ug/L	50	46.4	93	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.6	97	60-140	
m&p-Xylene	ug/L	100	101	101	60-140	
Methyl-tert-butyl ether	ug/L	50	52.7	105	60-140	
Methylene Chloride	ug/L	50	58.6	117	60-140	
n-Butylbenzene	ug/L	50	48.1	96	60-140	
n-Propylbenzene	ug/L	50	50.0	100	60-140	
Naphthalene	ug/L	50	49.2	98	60-140	
o-Xylene	ug/L	50	49.3	99	60-140	
sec-Butylbenzene	ug/L	50	47.3	95	60-140	
Styrene	ug/L	50	51.8	104	60-140	
tert-Butylbenzene	ug/L	50	41.0	82	60-140	
Tetrachloroethene	ug/L	50	49.8	100	60-140	
Toluene	ug/L	50	47.3	95	60-140	
trans-1,2-Dichloroethene	ug/L	50	58.2	116	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.1	104	60-140	
Trichloroethene	ug/L	50	46.9	94	60-140	
Trichlorofluoromethane	ug/L	50	35.2	70	60-140	
Vinyl chloride	ug/L	50	57.0	114	60-140	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92536809

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253572 3253573											
Parameter	Units	92536809001		MS	MSD	MS	MSD	MS	MSD	% Rec	Max
		Result	Conc.	Spike	Spike						
						Result	Result	% Rec	% Rec	Limits	RPD
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20	20.5	20.9	102	104	60-140	2
1,1,1-Trichloroethane	ug/L	ND	20	20	20	22.1	23.1	111	115	60-140	4
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20	20.8	21.9	104	109	60-140	5
1,1,2-Trichloroethane	ug/L	ND	20	20	20	20.8	21.4	104	107	60-140	3
1,1-Dichloroethane	ug/L	ND	20	20	20	24.9	26.0	124	130	60-140	4
1,1-Dichloroethene	ug/L	ND	20	20	20	26.6	27.8	133	139	60-140	4
1,1-Dichloropropene	ug/L	ND	20	20	20	23.7	24.7	118	123	60-140	4
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20	14.6	15.0	73	75	60-140	3
1,2,3-Trichloropropane	ug/L	ND	20	20	20	20.8	21.6	104	108	60-140	4
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20	15.3	15.5	76	78	60-140	2
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20	20.3	20.3	101	102	60-140	0
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20	20.8	21.5	104	108	60-140	4
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20	22.9	23.7	114	118	60-140	3
1,2-Dichlorobenzene	ug/L	ND	20	20	20	18.3	18.7	92	93	60-140	2
1,2-Dichloroethane	ug/L	ND	20	20	20	18.3	19.6	92	98	60-140	7
1,2-Dichloropropane	ug/L	ND	20	20	20	23.8	24.7	119	124	60-140	4
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20	20.1	20.3	101	101	60-140	1
1,3-Dichlorobenzene	ug/L	ND	20	20	20	18.2	18.6	91	93	60-140	2
1,3-Dichloropropane	ug/L	ND	20	20	20	24.5	25.7	122	128	60-140	5
1,4-Dichlorobenzene	ug/L	ND	20	20	20	18.3	18.5	91	92	60-140	1
2,2-Dichloropropane	ug/L	ND	20	20	20	21.3	22.2	106	111	60-140	4
2-Chlorotoluene	ug/L	ND	20	20	20	21.6	22.1	108	111	60-140	2
4-Chlorotoluene	ug/L	ND	20	20	20	20.9	21.1	104	105	60-140	1
Benzene	ug/L	ND	20	20	20	22.9	23.9	114	119	60-140	4
Bromobenzene	ug/L	ND	20	20	20	22.7	22.8	114	114	60-140	0
Bromochloromethane	ug/L	ND	20	20	20	21.1	22.4	106	112	60-140	6
Bromodichloromethane	ug/L	ND	20	20	20	20.5	21.9	102	109	60-140	6
Bromoform	ug/L	ND	20	20	20	18.6	19.8	93	99	60-140	6
Bromomethane	ug/L	ND	20	20	20	21.5	22.5	107	113	60-140	5
Carbon tetrachloride	ug/L	ND	20	20	20	19.8	21.2	99	106	60-140	7
Chlorobenzene	ug/L	ND	20	20	20	21.4	21.9	107	110	60-140	2
Chloroethane	ug/L	ND	20	20	20	20.9	20.9	104	104	60-140	0
Chloroform	ug/L	ND	20	20	20	20.1	20.9	99	103	60-140	4
Chloromethane	ug/L	ND	20	20	20	28.3	30.7	142	154	60-140	8
cis-1,2-Dichloroethene	ug/L	ND	20	20	20	24.6	25.9	123	129	60-140	5
cis-1,3-Dichloropropene	ug/L	ND	20	20	20	21.4	22.6	107	113	60-140	6
Dibromochloromethane	ug/L	ND	20	20	20	22.4	23.2	112	116	60-140	4
Dibromomethane	ug/L	ND	20	20	20	19.0	20.2	95	101	60-140	7
Dichlorodifluoromethane	ug/L	ND	20	20	20	21.0	21.5	105	108	60-140	3
Diisopropyl ether	ug/L	ND	20	20	20	25.3	26.8	126	134	60-140	6
Ethylbenzene	ug/L	ND	20	20	20	21.3	21.5	107	108	60-140	1
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20	18.4	18.2	92	91	60-140	1
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20	18.1	18.7	90	93	60-140	3
m&p-Xylene	ug/L	ND	40	40	40	41.2	41.9	103	105	60-140	2

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92536809

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253572				3253573									
Parameter	Units	92536809001	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
Methyl-tert-butyl ether	ug/L	ND	20	20	20.5	22.0	103	110	60-140	7	30		
Methylene Chloride	ug/L	ND	20	20	24.6	25.7	123	129	60-140	5	30		
n-Butylbenzene	ug/L	ND	20	20	18.0	17.7	90	89	60-140	2	30		
n-Propylbenzene	ug/L	ND	20	20	21.1	21.0	105	105	60-140	0	30		
Naphthalene	ug/L	ND	20	20	15.7	16.1	79	81	60-140	3	30		
o-Xylene	ug/L	ND	20	20	19.5	20.2	97	101	60-140	4	30		
sec-Butylbenzene	ug/L	ND	20	20	18.5	18.8	92	94	60-140	2	30		
Styrene	ug/L	ND	20	20	20.2	20.8	101	104	60-140	3	30		
tert-Butylbenzene	ug/L	ND	20	20	16.3	16.7	81	83	60-140	2	30		
Tetrachloroethene	ug/L	ND	20	20	20.9	20.9	105	104	60-140	0	30		
Toluene	ug/L	ND	20	20	20.9	21.9	104	109	60-140	5	30		
trans-1,2-Dichloroethene	ug/L	ND	20	20	25.7	26.6	129	133	60-140	3	30		
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.9	21.2	99	106	60-140	7	30		
Trichloroethene	ug/L	ND	20	20	20.3	21.0	102	105	60-140	3	30		
Trichlorofluoromethane	ug/L	ND	20	20	20.0	19.3	100	97	60-140	4	30		
Vinyl chloride	ug/L	ND	20	20	27.2	28.4	136	142	60-140	4	30	M1	
1,2-Dichloroethane-d4 (S)	%						99	104	70-130				
4-Bromofluorobenzene (S)	%						93	94	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536809

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92536809

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92536809001	14226_HC_RD_20210504	MADEP VPH	618715		
92536809001	14226_HC_RD_20210504	EPA 3010A	618929	EPA 6010D	619122
92536809001	14226_HC_RD_20210504	SM 6200B	618396		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

[illegible]

May 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.: 92536812

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on May 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 - 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
Robert Hughes, Colonial Pipeline
Margaret King, APEX Companies, LLC
Cameron Lee, Montrose-EPS
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536812

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: 2020-L1-2448 Incident

Pace Project No.: 92536812

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92536812001	13800_HC_RD_20210504	Water	05/04/21 11:30	05/04/21 15:42

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92536812

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92536812001	13800_HC_RD_20210504	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	DS	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536812

Sample: 13800_HC_RD_20210504 **Lab ID:** 92536812001 **Collected:** 05/04/21 11:30 **Received:** 05/04/21 15:42 **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		05/06/21 17:47		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/06/21 17:47		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/06/21 17:47		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/06/21 17:47		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/06/21 17:47		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		05/06/21 17:47	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		05/06/21 17:47	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	05/07/21 13:47	05/09/21 00:45	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/05/21 23:36	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/05/21 23:36	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/05/21 23:36	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/05/21 23:36	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/05/21 23:36	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/05/21 23:36	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/05/21 23:36	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/05/21 23:36	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/05/21 23:36	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/05/21 23:36	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/05/21 23:36	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/05/21 23:36	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/05/21 23:36	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/05/21 23:36	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 23:36	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 23:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/05/21 23:36	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/05/21 23:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/05/21 23:36	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/05/21 23:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 23:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 23:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/05/21 23:36	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/05/21 23:36	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/05/21 23:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 23:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/05/21 23:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 23:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/05/21 23:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/05/21 23:36	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536812

Sample: 13800_HC_RD_20210504 **Lab ID:** 92536812001 **Collected:** 05/04/21 11:30 **Received:** 05/04/21 15:42 **Matrix:** Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/05/21 23:36	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/05/21 23:36	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/05/21 23:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 23:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 23:36	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/05/21 23:36	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/05/21 23:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/05/21 23:36	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/05/21 23:36	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/05/21 23:36	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/05/21 23:36	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/05/21 23:36	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/05/21 23:36	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/05/21 23:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/05/21 23:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/05/21 23:36	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/05/21 23:36	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/05/21 23:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/05/21 23:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/05/21 23:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/05/21 23:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 23:36	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 23:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/05/21 23:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/05/21 23:36	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/05/21 23:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/05/21 23:36	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/05/21 23:36	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/05/21 23:36	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/05/21 23:36	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		05/05/21 23:36	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		05/05/21 23:36	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		05/05/21 23:36	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92536812

QC Batch: 618715

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92536812001

METHOD BLANK: 3255362

Matrix: Water

Associated Lab Samples: 92536812001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/06/21 13:32	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/06/21 13:32	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/06/21 13:32	N2
4-Bromofluorobenzene (FID) (S)	%	101	70-130		05/06/21 13:32	
4-Bromofluorobenzene (PID) (S)	%	104	70-130		05/06/21 13:32	

LABORATORY CONTROL SAMPLE & LCSD: 3255363

3255364

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	350	342	117	114	70-130	2	25	N2
Aliphatic (C09-C12)	ug/L	300	333	340	111	113	70-130	2	25	N2
Aromatic (C09-C10)	ug/L	100	108	111	108	111	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				103	107	70-130			
4-Bromofluorobenzene (PID) (S)	%				103	107	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92536812

QC Batch: 618929	Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A	Analysis Description: 6010 MET
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92536812001

METHOD BLANK: 3256558 Matrix: Water
Associated Lab Samples: 92536812001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	05/09/21 00:13	

LABORATORY CONTROL SAMPLE: 3256559

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	451	90	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3256560 3256561

Parameter	Units	92536809001 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	436	456	87	91	75-125	4	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92536812

QC Batch: 618396	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92536812001

METHOD BLANK: 3253569 Matrix: Water
Associated Lab Samples: 92536812001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/05/21 22:24	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/05/21 22:24	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/05/21 22:24	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/05/21 22:24	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/05/21 22:24	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/05/21 22:24	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/05/21 22:24	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/05/21 22:24	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/05/21 22:24	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/05/21 22:24	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/05/21 22:24	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/05/21 22:24	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/05/21 22:24	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/05/21 22:24	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/05/21 22:24	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/05/21 22:24	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/05/21 22:24	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/05/21 22:24	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/05/21 22:24	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/05/21 22:24	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/05/21 22:24	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/05/21 22:24	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/05/21 22:24	
Benzene	ug/L	ND	0.50	0.34	05/05/21 22:24	
Bromobenzene	ug/L	ND	0.50	0.29	05/05/21 22:24	
Bromochloromethane	ug/L	ND	0.50	0.47	05/05/21 22:24	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/05/21 22:24	
Bromoform	ug/L	ND	0.50	0.34	05/05/21 22:24	
Bromomethane	ug/L	ND	5.0	1.7	05/05/21 22:24	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/05/21 22:24	
Chlorobenzene	ug/L	ND	0.50	0.28	05/05/21 22:24	
Chloroethane	ug/L	ND	1.0	0.65	05/05/21 22:24	
Chloroform	ug/L	ND	0.50	0.35	05/05/21 22:24	
Chloromethane	ug/L	ND	1.0	0.54	05/05/21 22:24	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/05/21 22:24	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/05/21 22:24	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/05/21 22:24	
Dibromomethane	ug/L	ND	0.50	0.39	05/05/21 22:24	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/05/21 22:24	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/05/21 22:24	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92536812

METHOD BLANK: 3253569

Matrix: Water

Associated Lab Samples: 92536812001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/05/21 22:24	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/05/21 22:24	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/05/21 22:24	
m&p-Xylene	ug/L	ND	1.0	0.71	05/05/21 22:24	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/05/21 22:24	
Methylene Chloride	ug/L	ND	2.0	2.0	05/05/21 22:24	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/05/21 22:24	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/05/21 22:24	
Naphthalene	ug/L	ND	2.0	0.64	05/05/21 22:24	
o-Xylene	ug/L	ND	0.50	0.34	05/05/21 22:24	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/05/21 22:24	
Styrene	ug/L	ND	0.50	0.29	05/05/21 22:24	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/05/21 22:24	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/05/21 22:24	
Toluene	ug/L	ND	0.50	0.48	05/05/21 22:24	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/05/21 22:24	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/05/21 22:24	
Trichloroethene	ug/L	ND	0.50	0.38	05/05/21 22:24	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/05/21 22:24	
Vinyl chloride	ug/L	ND	1.0	0.39	05/05/21 22:24	
1,2-Dichloroethane-d4 (S)	%	100	70-130		05/05/21 22:24	
4-Bromofluorobenzene (S)	%	97	70-130		05/05/21 22:24	
Toluene-d8 (S)	%	102	70-130		05/05/21 22:24	

LABORATORY CONTROL SAMPLE: 3253571

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.2	100	60-140	
1,1,1-Trichloroethane	ug/L	50	50.1	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	53.2	106	60-140	
1,1,2-Trichloroethane	ug/L	50	51.5	103	60-140	
1,1-Dichloroethane	ug/L	50	57.1	114	60-140	
1,1-Dichloroethene	ug/L	50	55.4	111	60-140	
1,1-Dichloropropene	ug/L	50	53.7	107	60-140	
1,2,3-Trichlorobenzene	ug/L	50	46.9	94	60-140	
1,2,3-Trichloropropane	ug/L	50	52.2	104	60-140	
1,2,4-Trichlorobenzene	ug/L	50	47.8	96	60-140	
1,2,4-Trimethylbenzene	ug/L	50	51.0	102	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.8	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	56.3	113	60-140	
1,2-Dichlorobenzene	ug/L	50	47.9	96	60-140	
1,2-Dichloroethane	ug/L	50	46.1	92	60-140	
1,2-Dichloropropane	ug/L	50	57.7	115	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.5	101	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92536812

LABORATORY CONTROL SAMPLE: 3253571

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	47.9	96	60-140	
1,3-Dichloropropane	ug/L	50	59.6	119	60-140	
1,4-Dichlorobenzene	ug/L	50	48.2	96	60-140	
2,2-Dichloropropane	ug/L	50	50.1	100	60-140	
2-Chlorotoluene	ug/L	50	52.1	104	60-140	
4-Chlorotoluene	ug/L	50	50.6	101	60-140	
Benzene	ug/L	50	53.3	107	60-140	
Bromobenzene	ug/L	50	51.4	103	60-140	
Bromochloromethane	ug/L	50	52.9	106	60-140	
Bromodichloromethane	ug/L	50	51.1	102	60-140	
Bromoform	ug/L	50	50.1	100	60-140	
Bromomethane	ug/L	50	43.8	88	60-140	
Carbon tetrachloride	ug/L	50	44.9	90	60-140	
Chlorobenzene	ug/L	50	51.1	102	60-140	
Chloroethane	ug/L	50	39.2	78	60-140	
Chloroform	ug/L	50	48.7	97	60-140	
Chloromethane	ug/L	50	61.4	123	60-140	
cis-1,2-Dichloroethene	ug/L	50	57.4	115	60-140	
cis-1,3-Dichloropropene	ug/L	50	53.1	106	60-140	
Dibromochloromethane	ug/L	50	56.9	114	60-140	
Dibromomethane	ug/L	50	47.3	95	60-140	
Dichlorodifluoromethane	ug/L	50	41.5	83	60-140	
Diisopropyl ether	ug/L	50	61.3	123	60-140	
Ethylbenzene	ug/L	50	50.8	102	60-140	
Hexachloro-1,3-butadiene	ug/L	50	46.4	93	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.6	97	60-140	
m&p-Xylene	ug/L	100	101	101	60-140	
Methyl-tert-butyl ether	ug/L	50	52.7	105	60-140	
Methylene Chloride	ug/L	50	58.6	117	60-140	
n-Butylbenzene	ug/L	50	48.1	96	60-140	
n-Propylbenzene	ug/L	50	50.0	100	60-140	
Naphthalene	ug/L	50	49.2	98	60-140	
o-Xylene	ug/L	50	49.3	99	60-140	
sec-Butylbenzene	ug/L	50	47.3	95	60-140	
Styrene	ug/L	50	51.8	104	60-140	
tert-Butylbenzene	ug/L	50	41.0	82	60-140	
Tetrachloroethene	ug/L	50	49.8	100	60-140	
Toluene	ug/L	50	47.3	95	60-140	
trans-1,2-Dichloroethene	ug/L	50	58.2	116	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.1	104	60-140	
Trichloroethene	ug/L	50	46.9	94	60-140	
Trichlorofluoromethane	ug/L	50	35.2	70	60-140	
Vinyl chloride	ug/L	50	57.0	114	60-140	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92536812

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253572				3253573								
		92536809001	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	20.5	20.9	102	104	60-140	2	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	22.1	23.1	111	115	60-140	4	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.8	21.9	104	109	60-140	5	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.8	21.4	104	107	60-140	3	30	
1,1-Dichloroethane	ug/L	ND	20	20	24.9	26.0	124	130	60-140	4	30	
1,1-Dichloroethene	ug/L	ND	20	20	26.6	27.8	133	139	60-140	4	30	
1,1-Dichloropropene	ug/L	ND	20	20	23.7	24.7	118	123	60-140	4	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	14.6	15.0	73	75	60-140	3	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	20.8	21.6	104	108	60-140	4	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	15.3	15.5	76	78	60-140	2	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.3	20.3	101	102	60-140	0	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20.8	21.5	104	108	60-140	4	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.9	23.7	114	118	60-140	3	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	18.3	18.7	92	93	60-140	2	30	
1,2-Dichloroethane	ug/L	ND	20	20	18.3	19.6	92	98	60-140	7	30	
1,2-Dichloropropane	ug/L	ND	20	20	23.8	24.7	119	124	60-140	4	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.1	20.3	101	101	60-140	1	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	18.2	18.6	91	93	60-140	2	30	
1,3-Dichloropropane	ug/L	ND	20	20	24.5	25.7	122	128	60-140	5	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	18.3	18.5	91	92	60-140	1	30	
2,2-Dichloropropane	ug/L	ND	20	20	21.3	22.2	106	111	60-140	4	30	
2-Chlorotoluene	ug/L	ND	20	20	21.6	22.1	108	111	60-140	2	30	
4-Chlorotoluene	ug/L	ND	20	20	20.9	21.1	104	105	60-140	1	30	
Benzene	ug/L	ND	20	20	22.9	23.9	114	119	60-140	4	30	
Bromobenzene	ug/L	ND	20	20	22.7	22.8	114	114	60-140	0	30	
Bromochloromethane	ug/L	ND	20	20	21.1	22.4	106	112	60-140	6	30	
Bromodichloromethane	ug/L	ND	20	20	20.5	21.9	102	109	60-140	6	30	
Bromoform	ug/L	ND	20	20	18.6	19.8	93	99	60-140	6	30	
Bromomethane	ug/L	ND	20	20	21.5	22.5	107	113	60-140	5	30	
Carbon tetrachloride	ug/L	ND	20	20	19.8	21.2	99	106	60-140	7	30	
Chlorobenzene	ug/L	ND	20	20	21.4	21.9	107	110	60-140	2	30	
Chloroethane	ug/L	ND	20	20	20.9	20.9	104	104	60-140	0	30	
Chloroform	ug/L	ND	20	20	20.1	20.9	99	103	60-140	4	30	
Chloromethane	ug/L	ND	20	20	28.3	30.7	142	154	60-140	8	30	M1
cis-1,2-Dichloroethene	ug/L	ND	20	20	24.6	25.9	123	129	60-140	5	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.4	22.6	107	113	60-140	6	30	
Dibromochloromethane	ug/L	ND	20	20	22.4	23.2	112	116	60-140	4	30	
Dibromomethane	ug/L	ND	20	20	19.0	20.2	95	101	60-140	7	30	
Dichlorodifluoromethane	ug/L	ND	20	20	21.0	21.5	105	108	60-140	3	30	
Diisopropyl ether	ug/L	ND	20	20	25.3	26.8	126	134	60-140	6	30	
Ethylbenzene	ug/L	ND	20	20	21.3	21.5	107	108	60-140	1	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	18.4	18.2	92	91	60-140	1	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	18.1	18.7	90	93	60-140	3	30	
m&p-Xylene	ug/L	ND	40	40	41.2	41.9	103	105	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92536812

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253572				3253573									
Parameter	Units	92536809001	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
Methyl-tert-butyl ether	ug/L	ND	20	20	20.5	22.0	103	110	60-140	7	30		
Methylene Chloride	ug/L	ND	20	20	24.6	25.7	123	129	60-140	5	30		
n-Butylbenzene	ug/L	ND	20	20	18.0	17.7	90	89	60-140	2	30		
n-Propylbenzene	ug/L	ND	20	20	21.1	21.0	105	105	60-140	0	30		
Naphthalene	ug/L	ND	20	20	15.7	16.1	79	81	60-140	3	30		
o-Xylene	ug/L	ND	20	20	19.5	20.2	97	101	60-140	4	30		
sec-Butylbenzene	ug/L	ND	20	20	18.5	18.8	92	94	60-140	2	30		
Styrene	ug/L	ND	20	20	20.2	20.8	101	104	60-140	3	30		
tert-Butylbenzene	ug/L	ND	20	20	16.3	16.7	81	83	60-140	2	30		
Tetrachloroethene	ug/L	ND	20	20	20.9	20.9	105	104	60-140	0	30		
Toluene	ug/L	ND	20	20	20.9	21.9	104	109	60-140	5	30		
trans-1,2-Dichloroethene	ug/L	ND	20	20	25.7	26.6	129	133	60-140	3	30		
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.9	21.2	99	106	60-140	7	30		
Trichloroethene	ug/L	ND	20	20	20.3	21.0	102	105	60-140	3	30		
Trichlorofluoromethane	ug/L	ND	20	20	20.0	19.3	100	97	60-140	4	30		
Vinyl chloride	ug/L	ND	20	20	27.2	28.4	136	142	60-140	4	30	M1	
1,2-Dichloroethane-d4 (S)	%						99	104	70-130				
4-Bromofluorobenzene (S)	%						93	94	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536812

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92536812

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92536812001	13800_HC_RD_20210504	MADEP VPH	618715		
92536812001	13800_HC_RD_20210504	EPA 3010A	618929	EPA 6010D	619122
92536812001	13800_HC_RD_20210504	SM 6200B	618396		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

May 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.: 92536813

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on May 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 - 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
Robert Hughes, Colonial Pipeline
Margaret King, APEX Companies, LLC
Cameron Lee, Montrose-EPS
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536813

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: 2020-L1-2448 Incident

Pace Project No.: 92536813

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92536813001	13835_AC_RD_20210504	Water	05/04/21 13:45	05/04/21 15:42

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92536813

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92536813001	13835_AC_RD_20210504	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	DS	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536813

Sample: 13835_AC_RD_20210504 **Lab ID:** 92536813001 **Collected:** 05/04/21 13:45 **Received:** 05/04/21 15:42 **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		05/06/21 18:16		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/06/21 18:16		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/06/21 18:16		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/06/21 18:16		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/06/21 18:16		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		05/06/21 18:16	460-00-4	
4-Bromofluorobenzene (PID) (S)	102	%	70-130		1		05/06/21 18:16	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	05/07/21 13:47	05/09/21 00:48	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/05/21 23:54	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/05/21 23:54	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/05/21 23:54	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/05/21 23:54	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/05/21 23:54	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/05/21 23:54	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/05/21 23:54	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/05/21 23:54	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/05/21 23:54	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/05/21 23:54	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/05/21 23:54	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/05/21 23:54	75-00-3	
Chloroform	0.65	ug/L	0.50	0.35	1		05/05/21 23:54	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/05/21 23:54	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 23:54	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 23:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/05/21 23:54	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/05/21 23:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/05/21 23:54	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/05/21 23:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 23:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 23:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/05/21 23:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/05/21 23:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/05/21 23:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 23:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/05/21 23:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 23:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/05/21 23:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/05/21 23:54	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536813

Sample: 13835_AC_RD_20210504 **Lab ID:** 92536813001 **Collected:** 05/04/21 13:45 **Received:** 05/04/21 15:42 **Matrix:** Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/05/21 23:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/05/21 23:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/05/21 23:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 23:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 23:54	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/05/21 23:54	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/05/21 23:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/05/21 23:54	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/05/21 23:54	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/05/21 23:54	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/05/21 23:54	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/05/21 23:54	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/05/21 23:54	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/05/21 23:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/05/21 23:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/05/21 23:54	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/05/21 23:54	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/05/21 23:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/05/21 23:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/05/21 23:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/05/21 23:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 23:54	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 23:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/05/21 23:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/05/21 23:54	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/05/21 23:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/05/21 23:54	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/05/21 23:54	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/05/21 23:54	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/05/21 23:54	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		05/05/21 23:54	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130		1		05/05/21 23:54	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		05/05/21 23:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92536813

QC Batch: 618715	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92536813001

METHOD BLANK: 3255362 Matrix: Water
Associated Lab Samples: 92536813001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/06/21 13:32	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/06/21 13:32	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/06/21 13:32	N2
4-Bromofluorobenzene (FID) (S)	%	101	70-130		05/06/21 13:32	
4-Bromofluorobenzene (PID) (S)	%	104	70-130		05/06/21 13:32	

LABORATORY CONTROL SAMPLE & LCSD: 3255363

		3255364								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	350	342	117	114	70-130	2	25	N2
Aliphatic (C09-C12)	ug/L	300	333	340	111	113	70-130	2	25	N2
Aromatic (C09-C10)	ug/L	100	108	111	108	111	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				103	107	70-130			
4-Bromofluorobenzene (PID) (S)	%				103	107	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92536813

QC Batch: 618929

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92536813001

METHOD BLANK: 3256558

Matrix: Water

Associated Lab Samples: 92536813001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	05/09/21 00:13	

LABORATORY CONTROL SAMPLE: 3256559

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	451	90	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3256560 3256561

Parameter	Units	92536809001 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	436	456	87	91	75-125	4	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92536813

QC Batch: 618396	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92536813001

METHOD BLANK: 3253569 Matrix: Water
Associated Lab Samples: 92536813001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/05/21 22:24	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/05/21 22:24	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/05/21 22:24	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/05/21 22:24	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/05/21 22:24	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/05/21 22:24	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/05/21 22:24	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/05/21 22:24	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/05/21 22:24	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/05/21 22:24	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/05/21 22:24	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/05/21 22:24	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/05/21 22:24	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/05/21 22:24	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/05/21 22:24	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/05/21 22:24	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/05/21 22:24	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/05/21 22:24	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/05/21 22:24	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/05/21 22:24	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/05/21 22:24	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/05/21 22:24	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/05/21 22:24	
Benzene	ug/L	ND	0.50	0.34	05/05/21 22:24	
Bromobenzene	ug/L	ND	0.50	0.29	05/05/21 22:24	
Bromochloromethane	ug/L	ND	0.50	0.47	05/05/21 22:24	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/05/21 22:24	
Bromoform	ug/L	ND	0.50	0.34	05/05/21 22:24	
Bromomethane	ug/L	ND	5.0	1.7	05/05/21 22:24	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/05/21 22:24	
Chlorobenzene	ug/L	ND	0.50	0.28	05/05/21 22:24	
Chloroethane	ug/L	ND	1.0	0.65	05/05/21 22:24	
Chloroform	ug/L	ND	0.50	0.35	05/05/21 22:24	
Chloromethane	ug/L	ND	1.0	0.54	05/05/21 22:24	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/05/21 22:24	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/05/21 22:24	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/05/21 22:24	
Dibromomethane	ug/L	ND	0.50	0.39	05/05/21 22:24	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/05/21 22:24	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/05/21 22:24	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92536813

METHOD BLANK: 3253569

Matrix: Water

Associated Lab Samples: 92536813001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/05/21 22:24	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/05/21 22:24	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/05/21 22:24	
m&p-Xylene	ug/L	ND	1.0	0.71	05/05/21 22:24	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/05/21 22:24	
Methylene Chloride	ug/L	ND	2.0	2.0	05/05/21 22:24	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/05/21 22:24	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/05/21 22:24	
Naphthalene	ug/L	ND	2.0	0.64	05/05/21 22:24	
o-Xylene	ug/L	ND	0.50	0.34	05/05/21 22:24	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/05/21 22:24	
Styrene	ug/L	ND	0.50	0.29	05/05/21 22:24	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/05/21 22:24	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/05/21 22:24	
Toluene	ug/L	ND	0.50	0.48	05/05/21 22:24	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/05/21 22:24	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/05/21 22:24	
Trichloroethene	ug/L	ND	0.50	0.38	05/05/21 22:24	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/05/21 22:24	
Vinyl chloride	ug/L	ND	1.0	0.39	05/05/21 22:24	
1,2-Dichloroethane-d4 (S)	%	100	70-130		05/05/21 22:24	
4-Bromofluorobenzene (S)	%	97	70-130		05/05/21 22:24	
Toluene-d8 (S)	%	102	70-130		05/05/21 22:24	

LABORATORY CONTROL SAMPLE: 3253571

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.2	100	60-140	
1,1,1-Trichloroethane	ug/L	50	50.1	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	53.2	106	60-140	
1,1,2-Trichloroethane	ug/L	50	51.5	103	60-140	
1,1-Dichloroethane	ug/L	50	57.1	114	60-140	
1,1-Dichloroethene	ug/L	50	55.4	111	60-140	
1,1-Dichloropropene	ug/L	50	53.7	107	60-140	
1,2,3-Trichlorobenzene	ug/L	50	46.9	94	60-140	
1,2,3-Trichloropropane	ug/L	50	52.2	104	60-140	
1,2,4-Trichlorobenzene	ug/L	50	47.8	96	60-140	
1,2,4-Trimethylbenzene	ug/L	50	51.0	102	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.8	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	56.3	113	60-140	
1,2-Dichlorobenzene	ug/L	50	47.9	96	60-140	
1,2-Dichloroethane	ug/L	50	46.1	92	60-140	
1,2-Dichloropropane	ug/L	50	57.7	115	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.5	101	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92536813

LABORATORY CONTROL SAMPLE: 3253571

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	47.9	96	60-140	
1,3-Dichloropropane	ug/L	50	59.6	119	60-140	
1,4-Dichlorobenzene	ug/L	50	48.2	96	60-140	
2,2-Dichloropropane	ug/L	50	50.1	100	60-140	
2-Chlorotoluene	ug/L	50	52.1	104	60-140	
4-Chlorotoluene	ug/L	50	50.6	101	60-140	
Benzene	ug/L	50	53.3	107	60-140	
Bromobenzene	ug/L	50	51.4	103	60-140	
Bromochloromethane	ug/L	50	52.9	106	60-140	
Bromodichloromethane	ug/L	50	51.1	102	60-140	
Bromoform	ug/L	50	50.1	100	60-140	
Bromomethane	ug/L	50	43.8	88	60-140	
Carbon tetrachloride	ug/L	50	44.9	90	60-140	
Chlorobenzene	ug/L	50	51.1	102	60-140	
Chloroethane	ug/L	50	39.2	78	60-140	
Chloroform	ug/L	50	48.7	97	60-140	
Chloromethane	ug/L	50	61.4	123	60-140	
cis-1,2-Dichloroethene	ug/L	50	57.4	115	60-140	
cis-1,3-Dichloropropene	ug/L	50	53.1	106	60-140	
Dibromochloromethane	ug/L	50	56.9	114	60-140	
Dibromomethane	ug/L	50	47.3	95	60-140	
Dichlorodifluoromethane	ug/L	50	41.5	83	60-140	
Diisopropyl ether	ug/L	50	61.3	123	60-140	
Ethylbenzene	ug/L	50	50.8	102	60-140	
Hexachloro-1,3-butadiene	ug/L	50	46.4	93	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.6	97	60-140	
m&p-Xylene	ug/L	100	101	101	60-140	
Methyl-tert-butyl ether	ug/L	50	52.7	105	60-140	
Methylene Chloride	ug/L	50	58.6	117	60-140	
n-Butylbenzene	ug/L	50	48.1	96	60-140	
n-Propylbenzene	ug/L	50	50.0	100	60-140	
Naphthalene	ug/L	50	49.2	98	60-140	
o-Xylene	ug/L	50	49.3	99	60-140	
sec-Butylbenzene	ug/L	50	47.3	95	60-140	
Styrene	ug/L	50	51.8	104	60-140	
tert-Butylbenzene	ug/L	50	41.0	82	60-140	
Tetrachloroethene	ug/L	50	49.8	100	60-140	
Toluene	ug/L	50	47.3	95	60-140	
trans-1,2-Dichloroethene	ug/L	50	58.2	116	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.1	104	60-140	
Trichloroethene	ug/L	50	46.9	94	60-140	
Trichlorofluoromethane	ug/L	50	35.2	70	60-140	
Vinyl chloride	ug/L	50	57.0	114	60-140	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92536813

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253572				3253573								
		92536809001	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits		Max RPD	
Parameter	Units	Result								RPD	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20.5	20.9	102	104	60-140	2	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	22.1	23.1	111	115	60-140	4	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.8	21.9	104	109	60-140	5	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.8	21.4	104	107	60-140	3	30	
1,1-Dichloroethane	ug/L	ND	20	20	24.9	26.0	124	130	60-140	4	30	
1,1-Dichloroethene	ug/L	ND	20	20	26.6	27.8	133	139	60-140	4	30	
1,1-Dichloropropene	ug/L	ND	20	20	23.7	24.7	118	123	60-140	4	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	14.6	15.0	73	75	60-140	3	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	20.8	21.6	104	108	60-140	4	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	15.3	15.5	76	78	60-140	2	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.3	20.3	101	102	60-140	0	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20.8	21.5	104	108	60-140	4	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.9	23.7	114	118	60-140	3	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	18.3	18.7	92	93	60-140	2	30	
1,2-Dichloroethane	ug/L	ND	20	20	18.3	19.6	92	98	60-140	7	30	
1,2-Dichloropropane	ug/L	ND	20	20	23.8	24.7	119	124	60-140	4	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.1	20.3	101	101	60-140	1	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	18.2	18.6	91	93	60-140	2	30	
1,3-Dichloropropane	ug/L	ND	20	20	24.5	25.7	122	128	60-140	5	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	18.3	18.5	91	92	60-140	1	30	
2,2-Dichloropropane	ug/L	ND	20	20	21.3	22.2	106	111	60-140	4	30	
2-Chlorotoluene	ug/L	ND	20	20	21.6	22.1	108	111	60-140	2	30	
4-Chlorotoluene	ug/L	ND	20	20	20.9	21.1	104	105	60-140	1	30	
Benzene	ug/L	ND	20	20	22.9	23.9	114	119	60-140	4	30	
Bromobenzene	ug/L	ND	20	20	22.7	22.8	114	114	60-140	0	30	
Bromochloromethane	ug/L	ND	20	20	21.1	22.4	106	112	60-140	6	30	
Bromodichloromethane	ug/L	ND	20	20	20.5	21.9	102	109	60-140	6	30	
Bromoform	ug/L	ND	20	20	18.6	19.8	93	99	60-140	6	30	
Bromomethane	ug/L	ND	20	20	21.5	22.5	107	113	60-140	5	30	
Carbon tetrachloride	ug/L	ND	20	20	19.8	21.2	99	106	60-140	7	30	
Chlorobenzene	ug/L	ND	20	20	21.4	21.9	107	110	60-140	2	30	
Chloroethane	ug/L	ND	20	20	20.9	20.9	104	104	60-140	0	30	
Chloroform	ug/L	ND	20	20	20.1	20.9	99	103	60-140	4	30	
Chloromethane	ug/L	ND	20	20	28.3	30.7	142	154	60-140	8	30	M1
cis-1,2-Dichloroethene	ug/L	ND	20	20	24.6	25.9	123	129	60-140	5	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.4	22.6	107	113	60-140	6	30	
Dibromochloromethane	ug/L	ND	20	20	22.4	23.2	112	116	60-140	4	30	
Dibromomethane	ug/L	ND	20	20	19.0	20.2	95	101	60-140	7	30	
Dichlorodifluoromethane	ug/L	ND	20	20	21.0	21.5	105	108	60-140	3	30	
Diisopropyl ether	ug/L	ND	20	20	25.3	26.8	126	134	60-140	6	30	
Ethylbenzene	ug/L	ND	20	20	21.3	21.5	107	108	60-140	1	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	18.4	18.2	92	91	60-140	1	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	18.1	18.7	90	93	60-140	3	30	
m&p-Xylene	ug/L	ND	40	40	41.2	41.9	103	105	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92536813

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253572 3253573												
		92536809001	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	20.5	22.0	103	110	60-140	7	30	
Methylene Chloride	ug/L	ND	20	20	24.6	25.7	123	129	60-140	5	30	
n-Butylbenzene	ug/L	ND	20	20	18.0	17.7	90	89	60-140	2	30	
n-Propylbenzene	ug/L	ND	20	20	21.1	21.0	105	105	60-140	0	30	
Naphthalene	ug/L	ND	20	20	15.7	16.1	79	81	60-140	3	30	
o-Xylene	ug/L	ND	20	20	19.5	20.2	97	101	60-140	4	30	
sec-Butylbenzene	ug/L	ND	20	20	18.5	18.8	92	94	60-140	2	30	
Styrene	ug/L	ND	20	20	20.2	20.8	101	104	60-140	3	30	
tert-Butylbenzene	ug/L	ND	20	20	16.3	16.7	81	83	60-140	2	30	
Tetrachloroethene	ug/L	ND	20	20	20.9	20.9	105	104	60-140	0	30	
Toluene	ug/L	ND	20	20	20.9	21.9	104	109	60-140	5	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	25.7	26.6	129	133	60-140	3	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.9	21.2	99	106	60-140	7	30	
Trichloroethene	ug/L	ND	20	20	20.3	21.0	102	105	60-140	3	30	
Trichlorofluoromethane	ug/L	ND	20	20	20.0	19.3	100	97	60-140	4	30	
Vinyl chloride	ug/L	ND	20	20	27.2	28.4	136	142	60-140	4	30	M1
1,2-Dichloroethane-d4 (S)	%						99	104	70-130			
4-Bromofluorobenzene (S)	%						93	94	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536813

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92536813

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92536813001	13835_AC_RD_20210504	MADEP VPH	618715		
92536813001	13835_AC_RD_20210504	EPA 3010A	618929	EPA 6010D	619122
92536813001	13835_AC_RD_20210504	SM 6200B	618396		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

May 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.: 92536814

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on May 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 - 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
Robert Hughes, Colonial Pipeline
Margaret King, APEX Companies, LLC
Cameron Lee, Montrose-EPS
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536814

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: 2020-L1-2448 Incident

Pace Project No.: 92536814

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92536814001	14401_HC_RD_20210504	Water	05/04/21 14:55	05/04/21 15:42

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92536814

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92536814001	14401_HC_RD_20210504	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	DS	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536814

Sample: 14401_HC_RD_20210504 Lab ID: 92536814001 Collected: 05/04/21 14:55 Received: 05/04/21 15:42 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		05/06/21 18:44		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/06/21 18:44		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/06/21 18:44		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/06/21 18:44		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/06/21 18:44		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		05/06/21 18:44	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		05/06/21 18:44	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	5.1	ug/L	5.0	4.5	1	05/07/21 13:47	05/09/21 00:51	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/06/21 00:12	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/06/21 00:12	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/06/21 00:12	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/06/21 00:12	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/06/21 00:12	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/06/21 00:12	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/06/21 00:12	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/06/21 00:12	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/06/21 00:12	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/06/21 00:12	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/06/21 00:12	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/06/21 00:12	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/06/21 00:12	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/06/21 00:12	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/06/21 00:12	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/06/21 00:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/06/21 00:12	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/06/21 00:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/06/21 00:12	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/06/21 00:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/06/21 00:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/06/21 00:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/06/21 00:12	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/06/21 00:12	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/06/21 00:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/06/21 00:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/06/21 00:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/06/21 00:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/06/21 00:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/06/21 00:12	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536814

Sample: 14401_HC_RD_20210504 **Lab ID:** 92536814001 **Collected:** 05/04/21 14:55 **Received:** 05/04/21 15:42 **Matrix:** Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/06/21 00:12	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/06/21 00:12	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/06/21 00:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/06/21 00:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/06/21 00:12	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/06/21 00:12	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/06/21 00:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/06/21 00:12	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/06/21 00:12	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/06/21 00:12	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/06/21 00:12	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/06/21 00:12	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/06/21 00:12	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/06/21 00:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/06/21 00:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/06/21 00:12	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/06/21 00:12	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/06/21 00:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/06/21 00:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/06/21 00:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/06/21 00:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/06/21 00:12	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/06/21 00:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/06/21 00:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/06/21 00:12	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/06/21 00:12	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/06/21 00:12	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/06/21 00:12	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/06/21 00:12	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/06/21 00:12	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		05/06/21 00:12	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		05/06/21 00:12	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		05/06/21 00:12	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92536814

QC Batch: 618715

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92536814001

METHOD BLANK: 3255362

Matrix: Water

Associated Lab Samples: 92536814001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/06/21 13:32	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/06/21 13:32	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/06/21 13:32	N2
4-Bromofluorobenzene (FID) (S)	%	101	70-130		05/06/21 13:32	
4-Bromofluorobenzene (PID) (S)	%	104	70-130		05/06/21 13:32	

LABORATORY CONTROL SAMPLE & LCSD: 3255363

3255364

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	350	342	117	114	70-130	2	25	N2
Aliphatic (C09-C12)	ug/L	300	333	340	111	113	70-130	2	25	N2
Aromatic (C09-C10)	ug/L	100	108	111	108	111	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				103	107	70-130			
4-Bromofluorobenzene (PID) (S)	%				103	107	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92536814

QC Batch: 618929

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92536814001

METHOD BLANK: 3256558

Matrix: Water

Associated Lab Samples: 92536814001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	05/09/21 00:13	

LABORATORY CONTROL SAMPLE: 3256559

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	451	90	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3256560 3256561

Parameter	Units	92536809001 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	436	456	87	91	75-125	4	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92536814

QC Batch: 618396	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92536814001

METHOD BLANK: 3253569 Matrix: Water

Associated Lab Samples: 92536814001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/05/21 22:24	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/05/21 22:24	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/05/21 22:24	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/05/21 22:24	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/05/21 22:24	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/05/21 22:24	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/05/21 22:24	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/05/21 22:24	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/05/21 22:24	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/05/21 22:24	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/05/21 22:24	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/05/21 22:24	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/05/21 22:24	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/05/21 22:24	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/05/21 22:24	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/05/21 22:24	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/05/21 22:24	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/05/21 22:24	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/05/21 22:24	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/05/21 22:24	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/05/21 22:24	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/05/21 22:24	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/05/21 22:24	
Benzene	ug/L	ND	0.50	0.34	05/05/21 22:24	
Bromobenzene	ug/L	ND	0.50	0.29	05/05/21 22:24	
Bromochloromethane	ug/L	ND	0.50	0.47	05/05/21 22:24	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/05/21 22:24	
Bromoform	ug/L	ND	0.50	0.34	05/05/21 22:24	
Bromomethane	ug/L	ND	5.0	1.7	05/05/21 22:24	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/05/21 22:24	
Chlorobenzene	ug/L	ND	0.50	0.28	05/05/21 22:24	
Chloroethane	ug/L	ND	1.0	0.65	05/05/21 22:24	
Chloroform	ug/L	ND	0.50	0.35	05/05/21 22:24	
Chloromethane	ug/L	ND	1.0	0.54	05/05/21 22:24	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/05/21 22:24	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/05/21 22:24	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/05/21 22:24	
Dibromomethane	ug/L	ND	0.50	0.39	05/05/21 22:24	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/05/21 22:24	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/05/21 22:24	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92536814

METHOD BLANK: 3253569

Matrix: Water

Associated Lab Samples: 92536814001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/05/21 22:24	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/05/21 22:24	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/05/21 22:24	
m&p-Xylene	ug/L	ND	1.0	0.71	05/05/21 22:24	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/05/21 22:24	
Methylene Chloride	ug/L	ND	2.0	2.0	05/05/21 22:24	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/05/21 22:24	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/05/21 22:24	
Naphthalene	ug/L	ND	2.0	0.64	05/05/21 22:24	
o-Xylene	ug/L	ND	0.50	0.34	05/05/21 22:24	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/05/21 22:24	
Styrene	ug/L	ND	0.50	0.29	05/05/21 22:24	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/05/21 22:24	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/05/21 22:24	
Toluene	ug/L	ND	0.50	0.48	05/05/21 22:24	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/05/21 22:24	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/05/21 22:24	
Trichloroethene	ug/L	ND	0.50	0.38	05/05/21 22:24	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/05/21 22:24	
Vinyl chloride	ug/L	ND	1.0	0.39	05/05/21 22:24	
1,2-Dichloroethane-d4 (S)	%	100	70-130		05/05/21 22:24	
4-Bromofluorobenzene (S)	%	97	70-130		05/05/21 22:24	
Toluene-d8 (S)	%	102	70-130		05/05/21 22:24	

LABORATORY CONTROL SAMPLE: 3253571

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.2	100	60-140	
1,1,1-Trichloroethane	ug/L	50	50.1	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	53.2	106	60-140	
1,1,2-Trichloroethane	ug/L	50	51.5	103	60-140	
1,1-Dichloroethane	ug/L	50	57.1	114	60-140	
1,1-Dichloroethene	ug/L	50	55.4	111	60-140	
1,1-Dichloropropene	ug/L	50	53.7	107	60-140	
1,2,3-Trichlorobenzene	ug/L	50	46.9	94	60-140	
1,2,3-Trichloropropane	ug/L	50	52.2	104	60-140	
1,2,4-Trichlorobenzene	ug/L	50	47.8	96	60-140	
1,2,4-Trimethylbenzene	ug/L	50	51.0	102	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.8	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	56.3	113	60-140	
1,2-Dichlorobenzene	ug/L	50	47.9	96	60-140	
1,2-Dichloroethane	ug/L	50	46.1	92	60-140	
1,2-Dichloropropane	ug/L	50	57.7	115	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.5	101	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92536814

LABORATORY CONTROL SAMPLE: 3253571

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	47.9	96	60-140	
1,3-Dichloropropane	ug/L	50	59.6	119	60-140	
1,4-Dichlorobenzene	ug/L	50	48.2	96	60-140	
2,2-Dichloropropane	ug/L	50	50.1	100	60-140	
2-Chlorotoluene	ug/L	50	52.1	104	60-140	
4-Chlorotoluene	ug/L	50	50.6	101	60-140	
Benzene	ug/L	50	53.3	107	60-140	
Bromobenzene	ug/L	50	51.4	103	60-140	
Bromochloromethane	ug/L	50	52.9	106	60-140	
Bromodichloromethane	ug/L	50	51.1	102	60-140	
Bromoform	ug/L	50	50.1	100	60-140	
Bromomethane	ug/L	50	43.8	88	60-140	
Carbon tetrachloride	ug/L	50	44.9	90	60-140	
Chlorobenzene	ug/L	50	51.1	102	60-140	
Chloroethane	ug/L	50	39.2	78	60-140	
Chloroform	ug/L	50	48.7	97	60-140	
Chloromethane	ug/L	50	61.4	123	60-140	
cis-1,2-Dichloroethene	ug/L	50	57.4	115	60-140	
cis-1,3-Dichloropropene	ug/L	50	53.1	106	60-140	
Dibromochloromethane	ug/L	50	56.9	114	60-140	
Dibromomethane	ug/L	50	47.3	95	60-140	
Dichlorodifluoromethane	ug/L	50	41.5	83	60-140	
Diisopropyl ether	ug/L	50	61.3	123	60-140	
Ethylbenzene	ug/L	50	50.8	102	60-140	
Hexachloro-1,3-butadiene	ug/L	50	46.4	93	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.6	97	60-140	
m&p-Xylene	ug/L	100	101	101	60-140	
Methyl-tert-butyl ether	ug/L	50	52.7	105	60-140	
Methylene Chloride	ug/L	50	58.6	117	60-140	
n-Butylbenzene	ug/L	50	48.1	96	60-140	
n-Propylbenzene	ug/L	50	50.0	100	60-140	
Naphthalene	ug/L	50	49.2	98	60-140	
o-Xylene	ug/L	50	49.3	99	60-140	
sec-Butylbenzene	ug/L	50	47.3	95	60-140	
Styrene	ug/L	50	51.8	104	60-140	
tert-Butylbenzene	ug/L	50	41.0	82	60-140	
Tetrachloroethene	ug/L	50	49.8	100	60-140	
Toluene	ug/L	50	47.3	95	60-140	
trans-1,2-Dichloroethene	ug/L	50	58.2	116	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.1	104	60-140	
Trichloroethene	ug/L	50	46.9	94	60-140	
Trichlorofluoromethane	ug/L	50	35.2	70	60-140	
Vinyl chloride	ug/L	50	57.0	114	60-140	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92536814

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253572 3253573											
Parameter	Units	92536809001 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	20.5	20.9	102	104	60-140	2	30
1,1,1-Trichloroethane	ug/L	ND	20	20	22.1	23.1	111	115	60-140	4	30
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.8	21.9	104	109	60-140	5	30
1,1,2-Trichloroethane	ug/L	ND	20	20	20.8	21.4	104	107	60-140	3	30
1,1-Dichloroethane	ug/L	ND	20	20	24.9	26.0	124	130	60-140	4	30
1,1-Dichloroethene	ug/L	ND	20	20	26.6	27.8	133	139	60-140	4	30
1,1-Dichloropropene	ug/L	ND	20	20	23.7	24.7	118	123	60-140	4	30
1,2,3-Trichlorobenzene	ug/L	ND	20	20	14.6	15.0	73	75	60-140	3	30
1,2,3-Trichloropropane	ug/L	ND	20	20	20.8	21.6	104	108	60-140	4	30
1,2,4-Trichlorobenzene	ug/L	ND	20	20	15.3	15.5	76	78	60-140	2	30
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.3	20.3	101	102	60-140	0	30
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20.8	21.5	104	108	60-140	4	30
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.9	23.7	114	118	60-140	3	30
1,2-Dichlorobenzene	ug/L	ND	20	20	18.3	18.7	92	93	60-140	2	30
1,2-Dichloroethane	ug/L	ND	20	20	18.3	19.6	92	98	60-140	7	30
1,2-Dichloropropane	ug/L	ND	20	20	23.8	24.7	119	124	60-140	4	30
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.1	20.3	101	101	60-140	1	30
1,3-Dichlorobenzene	ug/L	ND	20	20	18.2	18.6	91	93	60-140	2	30
1,3-Dichloropropane	ug/L	ND	20	20	24.5	25.7	122	128	60-140	5	30
1,4-Dichlorobenzene	ug/L	ND	20	20	18.3	18.5	91	92	60-140	1	30
2,2-Dichloropropane	ug/L	ND	20	20	21.3	22.2	106	111	60-140	4	30
2-Chlorotoluene	ug/L	ND	20	20	21.6	22.1	108	111	60-140	2	30
4-Chlorotoluene	ug/L	ND	20	20	20.9	21.1	104	105	60-140	1	30
Benzene	ug/L	ND	20	20	22.9	23.9	114	119	60-140	4	30
Bromobenzene	ug/L	ND	20	20	22.7	22.8	114	114	60-140	0	30
Bromochloromethane	ug/L	ND	20	20	21.1	22.4	106	112	60-140	6	30
Bromodichloromethane	ug/L	ND	20	20	20.5	21.9	102	109	60-140	6	30
Bromoform	ug/L	ND	20	20	18.6	19.8	93	99	60-140	6	30
Bromomethane	ug/L	ND	20	20	21.5	22.5	107	113	60-140	5	30
Carbon tetrachloride	ug/L	ND	20	20	19.8	21.2	99	106	60-140	7	30
Chlorobenzene	ug/L	ND	20	20	21.4	21.9	107	110	60-140	2	30
Chloroethane	ug/L	ND	20	20	20.9	20.9	104	104	60-140	0	30
Chloroform	ug/L	ND	20	20	20.1	20.9	99	103	60-140	4	30
Chloromethane	ug/L	ND	20	20	28.3	30.7	142	154	60-140	8	30 M1
cis-1,2-Dichloroethene	ug/L	ND	20	20	24.6	25.9	123	129	60-140	5	30
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.4	22.6	107	113	60-140	6	30
Dibromochloromethane	ug/L	ND	20	20	22.4	23.2	112	116	60-140	4	30
Dibromomethane	ug/L	ND	20	20	19.0	20.2	95	101	60-140	7	30
Dichlorodifluoromethane	ug/L	ND	20	20	21.0	21.5	105	108	60-140	3	30
Diisopropyl ether	ug/L	ND	20	20	25.3	26.8	126	134	60-140	6	30
Ethylbenzene	ug/L	ND	20	20	21.3	21.5	107	108	60-140	1	30
Hexachloro-1,3-butadiene	ug/L	ND	20	20	18.4	18.2	92	91	60-140	1	30
Isopropylbenzene (Cumene)	ug/L	ND	20	20	18.1	18.7	90	93	60-140	3	30
m&p-Xylene	ug/L	ND	40	40	41.2	41.9	103	105	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92536814

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253572 3253573											
Parameter	Units	92536809001		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	20.5	22.0	103	110	60-140	7 30
Methylene Chloride	ug/L	ND	20	20	20	24.6	25.7	123	129	60-140	5 30
n-Butylbenzene	ug/L	ND	20	20	20	18.0	17.7	90	89	60-140	2 30
n-Propylbenzene	ug/L	ND	20	20	20	21.1	21.0	105	105	60-140	0 30
Naphthalene	ug/L	ND	20	20	20	15.7	16.1	79	81	60-140	3 30
o-Xylene	ug/L	ND	20	20	20	19.5	20.2	97	101	60-140	4 30
sec-Butylbenzene	ug/L	ND	20	20	20	18.5	18.8	92	94	60-140	2 30
Styrene	ug/L	ND	20	20	20	20.2	20.8	101	104	60-140	3 30
tert-Butylbenzene	ug/L	ND	20	20	20	16.3	16.7	81	83	60-140	2 30
Tetrachloroethene	ug/L	ND	20	20	20	20.9	20.9	105	104	60-140	0 30
Toluene	ug/L	ND	20	20	20	20.9	21.9	104	109	60-140	5 30
trans-1,2-Dichloroethene	ug/L	ND	20	20	20	25.7	26.6	129	133	60-140	3 30
trans-1,3-Dichloropropene	ug/L	ND	20	20	20	19.9	21.2	99	106	60-140	7 30
Trichloroethene	ug/L	ND	20	20	20	20.3	21.0	102	105	60-140	3 30
Trichlorofluoromethane	ug/L	ND	20	20	20	20.0	19.3	100	97	60-140	4 30
Vinyl chloride	ug/L	ND	20	20	20	27.2	28.4	136	142	60-140	4 30 M1
1,2-Dichloroethane-d4 (S)	%							99	104	70-130	
4-Bromofluorobenzene (S)	%							93	94	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536814

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92536814

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92536814001	14401_HC_RD_20210504	MADEP VPH	618715		
92536814001	14401_HC_RD_20210504	EPA 3010A	618929	EPA 6010D	619122
92536814001	14401_HC_RD_20210504	SM 6200B	618396		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

May 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.: 92536815

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on May 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 - 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
Robert Hughes, Colonial Pipeline
Margaret King, APEX Companies, LLC
Cameron Lee, Montrose-EPS
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536815

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: 2020-L1-2448 Incident

Pace Project No.: 92536815

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92536815001	13926A_HC_RD_20210504	Water	05/04/21 13:05	05/04/21 15:42

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92536815

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92536815001	13926A_HC_RD_20210504	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	DS	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536815

Sample: 13926A_HC_RD_20210504 **Lab ID:** 92536815001 **Collected:** 05/04/21 13:05 **Received:** 05/04/21 15:42 **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		05/06/21 19:15		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/06/21 19:15		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/06/21 19:15		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/06/21 19:15		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/06/21 19:15		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	88	%	70-130		1		05/06/21 19:15	460-00-4	
4-Bromofluorobenzene (PID) (S)	90	%	70-130		1		05/06/21 19:15	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	05/07/21 13:47	05/09/21 00:54	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/06/21 00:30	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/06/21 00:30	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/06/21 00:30	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/06/21 00:30	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/06/21 00:30	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/06/21 00:30	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/06/21 00:30	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/06/21 00:30	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/06/21 00:30	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/06/21 00:30	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/06/21 00:30	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/06/21 00:30	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/06/21 00:30	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/06/21 00:30	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/06/21 00:30	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/06/21 00:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/06/21 00:30	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/06/21 00:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/06/21 00:30	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/06/21 00:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/06/21 00:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/06/21 00:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/06/21 00:30	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/06/21 00:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/06/21 00:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/06/21 00:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/06/21 00:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/06/21 00:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/06/21 00:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/06/21 00:30	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536815

Sample: 13926A_HC_RD_20210504 Lab ID: 92536815001 Collected: 05/04/21 13:05 Received: 05/04/21 15:42 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/06/21 00:30	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/06/21 00:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/06/21 00:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/06/21 00:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/06/21 00:30	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/06/21 00:30	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/06/21 00:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/06/21 00:30	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/06/21 00:30	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/06/21 00:30	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/06/21 00:30	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/06/21 00:30	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/06/21 00:30	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/06/21 00:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/06/21 00:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/06/21 00:30	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/06/21 00:30	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/06/21 00:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/06/21 00:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/06/21 00:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/06/21 00:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/06/21 00:30	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/06/21 00:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/06/21 00:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/06/21 00:30	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/06/21 00:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/06/21 00:30	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/06/21 00:30	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/06/21 00:30	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/06/21 00:30	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		05/06/21 00:30	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130		1		05/06/21 00:30	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/06/21 00:30	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92536815

QC Batch: 618715	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92536815001

METHOD BLANK: 3255362 Matrix: Water
Associated Lab Samples: 92536815001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/06/21 13:32	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/06/21 13:32	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/06/21 13:32	N2
4-Bromofluorobenzene (FID) (S)	%	101	70-130		05/06/21 13:32	
4-Bromofluorobenzene (PID) (S)	%	104	70-130		05/06/21 13:32	

LABORATORY CONTROL SAMPLE & LCSD: 3255363

		3255364								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	350	342	117	114	70-130	2	25	N2
Aliphatic (C09-C12)	ug/L	300	333	340	111	113	70-130	2	25	N2
Aromatic (C09-C10)	ug/L	100	108	111	108	111	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				103	107	70-130			
4-Bromofluorobenzene (PID) (S)	%				103	107	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92536815

QC Batch: 618929

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92536815001

METHOD BLANK: 3256558

Matrix: Water

Associated Lab Samples: 92536815001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	05/09/21 00:13	

LABORATORY CONTROL SAMPLE: 3256559

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	451	90	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3256560 3256561

Parameter	Units	92536809001 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	436	456	87	91	75-125	4	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92536815

QC Batch: 618396	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92536815001

METHOD BLANK: 3253569 Matrix: Water
Associated Lab Samples: 92536815001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/05/21 22:24	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/05/21 22:24	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/05/21 22:24	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/05/21 22:24	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/05/21 22:24	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/05/21 22:24	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/05/21 22:24	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/05/21 22:24	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/05/21 22:24	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/05/21 22:24	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/05/21 22:24	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/05/21 22:24	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/05/21 22:24	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/05/21 22:24	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/05/21 22:24	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/05/21 22:24	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/05/21 22:24	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/05/21 22:24	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/05/21 22:24	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/05/21 22:24	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/05/21 22:24	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/05/21 22:24	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/05/21 22:24	
Benzene	ug/L	ND	0.50	0.34	05/05/21 22:24	
Bromobenzene	ug/L	ND	0.50	0.29	05/05/21 22:24	
Bromochloromethane	ug/L	ND	0.50	0.47	05/05/21 22:24	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/05/21 22:24	
Bromoform	ug/L	ND	0.50	0.34	05/05/21 22:24	
Bromomethane	ug/L	ND	5.0	1.7	05/05/21 22:24	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/05/21 22:24	
Chlorobenzene	ug/L	ND	0.50	0.28	05/05/21 22:24	
Chloroethane	ug/L	ND	1.0	0.65	05/05/21 22:24	
Chloroform	ug/L	ND	0.50	0.35	05/05/21 22:24	
Chloromethane	ug/L	ND	1.0	0.54	05/05/21 22:24	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/05/21 22:24	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/05/21 22:24	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/05/21 22:24	
Dibromomethane	ug/L	ND	0.50	0.39	05/05/21 22:24	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/05/21 22:24	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/05/21 22:24	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92536815

METHOD BLANK: 3253569

Matrix: Water

Associated Lab Samples: 92536815001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/05/21 22:24	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/05/21 22:24	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/05/21 22:24	
m&p-Xylene	ug/L	ND	1.0	0.71	05/05/21 22:24	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/05/21 22:24	
Methylene Chloride	ug/L	ND	2.0	2.0	05/05/21 22:24	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/05/21 22:24	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/05/21 22:24	
Naphthalene	ug/L	ND	2.0	0.64	05/05/21 22:24	
o-Xylene	ug/L	ND	0.50	0.34	05/05/21 22:24	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/05/21 22:24	
Styrene	ug/L	ND	0.50	0.29	05/05/21 22:24	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/05/21 22:24	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/05/21 22:24	
Toluene	ug/L	ND	0.50	0.48	05/05/21 22:24	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/05/21 22:24	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/05/21 22:24	
Trichloroethene	ug/L	ND	0.50	0.38	05/05/21 22:24	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/05/21 22:24	
Vinyl chloride	ug/L	ND	1.0	0.39	05/05/21 22:24	
1,2-Dichloroethane-d4 (S)	%	100	70-130		05/05/21 22:24	
4-Bromofluorobenzene (S)	%	97	70-130		05/05/21 22:24	
Toluene-d8 (S)	%	102	70-130		05/05/21 22:24	

LABORATORY CONTROL SAMPLE: 3253571

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.2	100	60-140	
1,1,1-Trichloroethane	ug/L	50	50.1	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	53.2	106	60-140	
1,1,2-Trichloroethane	ug/L	50	51.5	103	60-140	
1,1-Dichloroethane	ug/L	50	57.1	114	60-140	
1,1-Dichloroethene	ug/L	50	55.4	111	60-140	
1,1-Dichloropropene	ug/L	50	53.7	107	60-140	
1,2,3-Trichlorobenzene	ug/L	50	46.9	94	60-140	
1,2,3-Trichloropropane	ug/L	50	52.2	104	60-140	
1,2,4-Trichlorobenzene	ug/L	50	47.8	96	60-140	
1,2,4-Trimethylbenzene	ug/L	50	51.0	102	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.8	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	56.3	113	60-140	
1,2-Dichlorobenzene	ug/L	50	47.9	96	60-140	
1,2-Dichloroethane	ug/L	50	46.1	92	60-140	
1,2-Dichloropropane	ug/L	50	57.7	115	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.5	101	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92536815

LABORATORY CONTROL SAMPLE: 3253571

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	47.9	96	60-140	
1,3-Dichloropropane	ug/L	50	59.6	119	60-140	
1,4-Dichlorobenzene	ug/L	50	48.2	96	60-140	
2,2-Dichloropropane	ug/L	50	50.1	100	60-140	
2-Chlorotoluene	ug/L	50	52.1	104	60-140	
4-Chlorotoluene	ug/L	50	50.6	101	60-140	
Benzene	ug/L	50	53.3	107	60-140	
Bromobenzene	ug/L	50	51.4	103	60-140	
Bromochloromethane	ug/L	50	52.9	106	60-140	
Bromodichloromethane	ug/L	50	51.1	102	60-140	
Bromoform	ug/L	50	50.1	100	60-140	
Bromomethane	ug/L	50	43.8	88	60-140	
Carbon tetrachloride	ug/L	50	44.9	90	60-140	
Chlorobenzene	ug/L	50	51.1	102	60-140	
Chloroethane	ug/L	50	39.2	78	60-140	
Chloroform	ug/L	50	48.7	97	60-140	
Chloromethane	ug/L	50	61.4	123	60-140	
cis-1,2-Dichloroethene	ug/L	50	57.4	115	60-140	
cis-1,3-Dichloropropene	ug/L	50	53.1	106	60-140	
Dibromochloromethane	ug/L	50	56.9	114	60-140	
Dibromomethane	ug/L	50	47.3	95	60-140	
Dichlorodifluoromethane	ug/L	50	41.5	83	60-140	
Diisopropyl ether	ug/L	50	61.3	123	60-140	
Ethylbenzene	ug/L	50	50.8	102	60-140	
Hexachloro-1,3-butadiene	ug/L	50	46.4	93	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.6	97	60-140	
m&p-Xylene	ug/L	100	101	101	60-140	
Methyl-tert-butyl ether	ug/L	50	52.7	105	60-140	
Methylene Chloride	ug/L	50	58.6	117	60-140	
n-Butylbenzene	ug/L	50	48.1	96	60-140	
n-Propylbenzene	ug/L	50	50.0	100	60-140	
Naphthalene	ug/L	50	49.2	98	60-140	
o-Xylene	ug/L	50	49.3	99	60-140	
sec-Butylbenzene	ug/L	50	47.3	95	60-140	
Styrene	ug/L	50	51.8	104	60-140	
tert-Butylbenzene	ug/L	50	41.0	82	60-140	
Tetrachloroethene	ug/L	50	49.8	100	60-140	
Toluene	ug/L	50	47.3	95	60-140	
trans-1,2-Dichloroethene	ug/L	50	58.2	116	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.1	104	60-140	
Trichloroethene	ug/L	50	46.9	94	60-140	
Trichlorofluoromethane	ug/L	50	35.2	70	60-140	
Vinyl chloride	ug/L	50	57.0	114	60-140	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92536815

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253572 3253573											
Parameter	Units	92536809001 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	20.5	20.9	102	104	60-140	2	30
1,1,1-Trichloroethane	ug/L	ND	20	20	22.1	23.1	111	115	60-140	4	30
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.8	21.9	104	109	60-140	5	30
1,1,2-Trichloroethane	ug/L	ND	20	20	20.8	21.4	104	107	60-140	3	30
1,1-Dichloroethane	ug/L	ND	20	20	24.9	26.0	124	130	60-140	4	30
1,1-Dichloroethene	ug/L	ND	20	20	26.6	27.8	133	139	60-140	4	30
1,1-Dichloropropene	ug/L	ND	20	20	23.7	24.7	118	123	60-140	4	30
1,2,3-Trichlorobenzene	ug/L	ND	20	20	14.6	15.0	73	75	60-140	3	30
1,2,3-Trichloropropane	ug/L	ND	20	20	20.8	21.6	104	108	60-140	4	30
1,2,4-Trichlorobenzene	ug/L	ND	20	20	15.3	15.5	76	78	60-140	2	30
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.3	20.3	101	102	60-140	0	30
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20.8	21.5	104	108	60-140	4	30
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.9	23.7	114	118	60-140	3	30
1,2-Dichlorobenzene	ug/L	ND	20	20	18.3	18.7	92	93	60-140	2	30
1,2-Dichloroethane	ug/L	ND	20	20	18.3	19.6	92	98	60-140	7	30
1,2-Dichloropropane	ug/L	ND	20	20	23.8	24.7	119	124	60-140	4	30
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.1	20.3	101	101	60-140	1	30
1,3-Dichlorobenzene	ug/L	ND	20	20	18.2	18.6	91	93	60-140	2	30
1,3-Dichloropropane	ug/L	ND	20	20	24.5	25.7	122	128	60-140	5	30
1,4-Dichlorobenzene	ug/L	ND	20	20	18.3	18.5	91	92	60-140	1	30
2,2-Dichloropropane	ug/L	ND	20	20	21.3	22.2	106	111	60-140	4	30
2-Chlorotoluene	ug/L	ND	20	20	21.6	22.1	108	111	60-140	2	30
4-Chlorotoluene	ug/L	ND	20	20	20.9	21.1	104	105	60-140	1	30
Benzene	ug/L	ND	20	20	22.9	23.9	114	119	60-140	4	30
Bromobenzene	ug/L	ND	20	20	22.7	22.8	114	114	60-140	0	30
Bromochloromethane	ug/L	ND	20	20	21.1	22.4	106	112	60-140	6	30
Bromodichloromethane	ug/L	ND	20	20	20.5	21.9	102	109	60-140	6	30
Bromoform	ug/L	ND	20	20	18.6	19.8	93	99	60-140	6	30
Bromomethane	ug/L	ND	20	20	21.5	22.5	107	113	60-140	5	30
Carbon tetrachloride	ug/L	ND	20	20	19.8	21.2	99	106	60-140	7	30
Chlorobenzene	ug/L	ND	20	20	21.4	21.9	107	110	60-140	2	30
Chloroethane	ug/L	ND	20	20	20.9	20.9	104	104	60-140	0	30
Chloroform	ug/L	ND	20	20	20.1	20.9	99	103	60-140	4	30
Chloromethane	ug/L	ND	20	20	28.3	30.7	142	154	60-140	8	30 M1
cis-1,2-Dichloroethene	ug/L	ND	20	20	24.6	25.9	123	129	60-140	5	30
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.4	22.6	107	113	60-140	6	30
Dibromochloromethane	ug/L	ND	20	20	22.4	23.2	112	116	60-140	4	30
Dibromomethane	ug/L	ND	20	20	19.0	20.2	95	101	60-140	7	30
Dichlorodifluoromethane	ug/L	ND	20	20	21.0	21.5	105	108	60-140	3	30
Diisopropyl ether	ug/L	ND	20	20	25.3	26.8	126	134	60-140	6	30
Ethylbenzene	ug/L	ND	20	20	21.3	21.5	107	108	60-140	1	30
Hexachloro-1,3-butadiene	ug/L	ND	20	20	18.4	18.2	92	91	60-140	1	30
Isopropylbenzene (Cumene)	ug/L	ND	20	20	18.1	18.7	90	93	60-140	3	30
m&p-Xylene	ug/L	ND	40	40	41.2	41.9	103	105	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92536815

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253572 3253573											
Parameter	Units	92536809001		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	20.5	22.0	103	110	60-140	7 30
Methylene Chloride	ug/L	ND	20	20	20	24.6	25.7	123	129	60-140	5 30
n-Butylbenzene	ug/L	ND	20	20	20	18.0	17.7	90	89	60-140	2 30
n-Propylbenzene	ug/L	ND	20	20	20	21.1	21.0	105	105	60-140	0 30
Naphthalene	ug/L	ND	20	20	20	15.7	16.1	79	81	60-140	3 30
o-Xylene	ug/L	ND	20	20	20	19.5	20.2	97	101	60-140	4 30
sec-Butylbenzene	ug/L	ND	20	20	20	18.5	18.8	92	94	60-140	2 30
Styrene	ug/L	ND	20	20	20	20.2	20.8	101	104	60-140	3 30
tert-Butylbenzene	ug/L	ND	20	20	20	16.3	16.7	81	83	60-140	2 30
Tetrachloroethene	ug/L	ND	20	20	20	20.9	20.9	105	104	60-140	0 30
Toluene	ug/L	ND	20	20	20	20.9	21.9	104	109	60-140	5 30
trans-1,2-Dichloroethene	ug/L	ND	20	20	20	25.7	26.6	129	133	60-140	3 30
trans-1,3-Dichloropropene	ug/L	ND	20	20	20	19.9	21.2	99	106	60-140	7 30
Trichloroethene	ug/L	ND	20	20	20	20.3	21.0	102	105	60-140	3 30
Trichlorofluoromethane	ug/L	ND	20	20	20	20.0	19.3	100	97	60-140	4 30
Vinyl chloride	ug/L	ND	20	20	20	27.2	28.4	136	142	60-140	4 30 M1
1,2-Dichloroethane-d4 (S)	%							99	104	70-130	
4-Bromofluorobenzene (S)	%							93	94	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536815

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

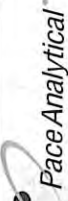
Project: 2020-L1-2448 Incident

Pace Project No.: 92536815

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92536815001	13926A_HC_RD_20210504	MADEP VPH	618715		
92536815001	13926A_HC_RD_20210504	EPA 3010A	618929	EPA 6010D	619122
92536815001	13926A_HC_RD_20210504	SM 6200B	618396		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company:

Apex Companies

Address:

Report To:

Andrew Street

Copy To:

13726A Huntersville, Concord Rd

Customer Project Name/Number:

2020-11-2448 Incident

Phone:

Site/Facility ID #:

Email:

Collected By (print):

Naimi Feltz

Collected By (signature):

Naimi Feltz

Sample Disposal:

[] Dispose as appropriate [] 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

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):

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)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

LAB USE ONLY-

AL

Container Pres

** 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

WO# : 92536815



92536815

Lab Sample Receipt Checklist:

Custody Seals Present/Intact

Custody Signatures Present

Collector Signatures Present

Bottles Intact

Correct Bot. Volumes

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:

2536815

601

Lab Sample Temperature Info:

Temp Blank Received:

Therm ID#:

Cooler 1 Temp Upon Receipt:

Cooler 1 Therm Corr. Factor:

Cooler 1 Corrected Temp:

Comments:

Trip Blank Received:

HCL

MeOH

TSP

Other

Non Conformance(s):

YES / NO

Page:

of:

May 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.: 92536816

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on May 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 - 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
Robert Hughes, Colonial Pipeline
Margaret King, APEX Companies, LLC
Cameron Lee, Montrose-EPS
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536816

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: 2020-L1-2448 Incident

Pace Project No.: 92536816

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92536816001	13926B_HC_RD_20210504	Water	05/04/21 12:35	05/04/21 15:42

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92536816

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92536816001	13926B_HC_RD_20210504	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	DS	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536816

Sample: 13926B_HC_RD_20210504 **Lab ID:** 92536816001 **Collected:** 05/04/21 12:35 **Received:** 05/04/21 15:42 **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		05/06/21 19:44		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/06/21 19:44		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/06/21 19:44		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/06/21 19:44		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/06/21 19:44		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		05/06/21 19:44	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		05/06/21 19:44	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	05/07/21 13:47	05/09/21 00:58	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/06/21 00:48	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/06/21 00:48	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/06/21 00:48	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/06/21 00:48	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/06/21 00:48	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/06/21 00:48	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/06/21 00:48	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/06/21 00:48	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/06/21 00:48	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/06/21 00:48	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/06/21 00:48	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/06/21 00:48	75-00-3	
Chloroform	9.7	ug/L	0.50	0.35	1		05/06/21 00:48	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/06/21 00:48	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/06/21 00:48	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/06/21 00:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/06/21 00:48	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/06/21 00:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/06/21 00:48	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/06/21 00:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/06/21 00:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/06/21 00:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/06/21 00:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/06/21 00:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/06/21 00:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/06/21 00:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/06/21 00:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/06/21 00:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/06/21 00:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/06/21 00:48	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536816

Sample: 13926B_HC_RD_20210504 Lab ID: 92536816001 Collected: 05/04/21 12:35 Received: 05/04/21 15:42 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/06/21 00:48	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/06/21 00:48	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/06/21 00:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/06/21 00:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/06/21 00:48	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/06/21 00:48	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/06/21 00:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/06/21 00:48	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/06/21 00:48	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/06/21 00:48	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/06/21 00:48	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/06/21 00:48	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/06/21 00:48	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/06/21 00:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/06/21 00:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/06/21 00:48	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/06/21 00:48	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/06/21 00:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/06/21 00:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/06/21 00:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/06/21 00:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/06/21 00:48	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/06/21 00:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/06/21 00:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/06/21 00:48	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/06/21 00:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/06/21 00:48	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/06/21 00:48	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/06/21 00:48	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/06/21 00:48	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		05/06/21 00:48	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		05/06/21 00:48	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/06/21 00:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92536816

QC Batch:	618715	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92536816001

METHOD BLANK: 3255362 Matrix: Water
Associated Lab Samples: 92536816001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/06/21 13:32	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/06/21 13:32	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/06/21 13:32	N2
4-Bromofluorobenzene (FID) (S)	%	101	70-130		05/06/21 13:32	
4-Bromofluorobenzene (PID) (S)	%	104	70-130		05/06/21 13:32	

LABORATORY CONTROL SAMPLE & LCSD: 3255363		3255364								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	350	342	117	114	70-130	2	25	N2
Aliphatic (C09-C12)	ug/L	300	333	340	111	113	70-130	2	25	N2
Aromatic (C09-C10)	ug/L	100	108	111	108	111	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				103	107	70-130			
4-Bromofluorobenzene (PID) (S)	%				103	107	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92536816

QC Batch: 618929

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92536816001

METHOD BLANK: 3256558

Matrix: Water

Associated Lab Samples: 92536816001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	05/09/21 00:13	

LABORATORY CONTROL SAMPLE: 3256559

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	451	90	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3256560 3256561

Parameter	Units	92536809001 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	436	456	87	91	75-125	4	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92536816

QC Batch: 618396	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92536816001

METHOD BLANK: 3253569 Matrix: Water
Associated Lab Samples: 92536816001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/05/21 22:24	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/05/21 22:24	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/05/21 22:24	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/05/21 22:24	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/05/21 22:24	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/05/21 22:24	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/05/21 22:24	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/05/21 22:24	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/05/21 22:24	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/05/21 22:24	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/05/21 22:24	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/05/21 22:24	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/05/21 22:24	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/05/21 22:24	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/05/21 22:24	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/05/21 22:24	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/05/21 22:24	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/05/21 22:24	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/05/21 22:24	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/05/21 22:24	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/05/21 22:24	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/05/21 22:24	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/05/21 22:24	
Benzene	ug/L	ND	0.50	0.34	05/05/21 22:24	
Bromobenzene	ug/L	ND	0.50	0.29	05/05/21 22:24	
Bromochloromethane	ug/L	ND	0.50	0.47	05/05/21 22:24	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/05/21 22:24	
Bromoform	ug/L	ND	0.50	0.34	05/05/21 22:24	
Bromomethane	ug/L	ND	5.0	1.7	05/05/21 22:24	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/05/21 22:24	
Chlorobenzene	ug/L	ND	0.50	0.28	05/05/21 22:24	
Chloroethane	ug/L	ND	1.0	0.65	05/05/21 22:24	
Chloroform	ug/L	ND	0.50	0.35	05/05/21 22:24	
Chloromethane	ug/L	ND	1.0	0.54	05/05/21 22:24	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/05/21 22:24	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/05/21 22:24	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/05/21 22:24	
Dibromomethane	ug/L	ND	0.50	0.39	05/05/21 22:24	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/05/21 22:24	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/05/21 22:24	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92536816

METHOD BLANK: 3253569

Matrix: Water

Associated Lab Samples: 92536816001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/05/21 22:24	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/05/21 22:24	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/05/21 22:24	
m&p-Xylene	ug/L	ND	1.0	0.71	05/05/21 22:24	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/05/21 22:24	
Methylene Chloride	ug/L	ND	2.0	2.0	05/05/21 22:24	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/05/21 22:24	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/05/21 22:24	
Naphthalene	ug/L	ND	2.0	0.64	05/05/21 22:24	
o-Xylene	ug/L	ND	0.50	0.34	05/05/21 22:24	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/05/21 22:24	
Styrene	ug/L	ND	0.50	0.29	05/05/21 22:24	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/05/21 22:24	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/05/21 22:24	
Toluene	ug/L	ND	0.50	0.48	05/05/21 22:24	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/05/21 22:24	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/05/21 22:24	
Trichloroethene	ug/L	ND	0.50	0.38	05/05/21 22:24	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/05/21 22:24	
Vinyl chloride	ug/L	ND	1.0	0.39	05/05/21 22:24	
1,2-Dichloroethane-d4 (S)	%	100	70-130		05/05/21 22:24	
4-Bromofluorobenzene (S)	%	97	70-130		05/05/21 22:24	
Toluene-d8 (S)	%	102	70-130		05/05/21 22:24	

LABORATORY CONTROL SAMPLE: 3253571

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.2	100	60-140	
1,1,1-Trichloroethane	ug/L	50	50.1	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	53.2	106	60-140	
1,1,2-Trichloroethane	ug/L	50	51.5	103	60-140	
1,1-Dichloroethane	ug/L	50	57.1	114	60-140	
1,1-Dichloroethene	ug/L	50	55.4	111	60-140	
1,1-Dichloropropene	ug/L	50	53.7	107	60-140	
1,2,3-Trichlorobenzene	ug/L	50	46.9	94	60-140	
1,2,3-Trichloropropane	ug/L	50	52.2	104	60-140	
1,2,4-Trichlorobenzene	ug/L	50	47.8	96	60-140	
1,2,4-Trimethylbenzene	ug/L	50	51.0	102	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.8	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	56.3	113	60-140	
1,2-Dichlorobenzene	ug/L	50	47.9	96	60-140	
1,2-Dichloroethane	ug/L	50	46.1	92	60-140	
1,2-Dichloropropane	ug/L	50	57.7	115	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.5	101	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92536816

LABORATORY CONTROL SAMPLE: 3253571

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	47.9	96	60-140	
1,3-Dichloropropane	ug/L	50	59.6	119	60-140	
1,4-Dichlorobenzene	ug/L	50	48.2	96	60-140	
2,2-Dichloropropane	ug/L	50	50.1	100	60-140	
2-Chlorotoluene	ug/L	50	52.1	104	60-140	
4-Chlorotoluene	ug/L	50	50.6	101	60-140	
Benzene	ug/L	50	53.3	107	60-140	
Bromobenzene	ug/L	50	51.4	103	60-140	
Bromochloromethane	ug/L	50	52.9	106	60-140	
Bromodichloromethane	ug/L	50	51.1	102	60-140	
Bromoform	ug/L	50	50.1	100	60-140	
Bromomethane	ug/L	50	43.8	88	60-140	
Carbon tetrachloride	ug/L	50	44.9	90	60-140	
Chlorobenzene	ug/L	50	51.1	102	60-140	
Chloroethane	ug/L	50	39.2	78	60-140	
Chloroform	ug/L	50	48.7	97	60-140	
Chloromethane	ug/L	50	61.4	123	60-140	
cis-1,2-Dichloroethene	ug/L	50	57.4	115	60-140	
cis-1,3-Dichloropropene	ug/L	50	53.1	106	60-140	
Dibromochloromethane	ug/L	50	56.9	114	60-140	
Dibromomethane	ug/L	50	47.3	95	60-140	
Dichlorodifluoromethane	ug/L	50	41.5	83	60-140	
Diisopropyl ether	ug/L	50	61.3	123	60-140	
Ethylbenzene	ug/L	50	50.8	102	60-140	
Hexachloro-1,3-butadiene	ug/L	50	46.4	93	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.6	97	60-140	
m&p-Xylene	ug/L	100	101	101	60-140	
Methyl-tert-butyl ether	ug/L	50	52.7	105	60-140	
Methylene Chloride	ug/L	50	58.6	117	60-140	
n-Butylbenzene	ug/L	50	48.1	96	60-140	
n-Propylbenzene	ug/L	50	50.0	100	60-140	
Naphthalene	ug/L	50	49.2	98	60-140	
o-Xylene	ug/L	50	49.3	99	60-140	
sec-Butylbenzene	ug/L	50	47.3	95	60-140	
Styrene	ug/L	50	51.8	104	60-140	
tert-Butylbenzene	ug/L	50	41.0	82	60-140	
Tetrachloroethene	ug/L	50	49.8	100	60-140	
Toluene	ug/L	50	47.3	95	60-140	
trans-1,2-Dichloroethene	ug/L	50	58.2	116	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.1	104	60-140	
Trichloroethene	ug/L	50	46.9	94	60-140	
Trichlorofluoromethane	ug/L	50	35.2	70	60-140	
Vinyl chloride	ug/L	50	57.0	114	60-140	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92536816

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253572 3253573											
Parameter	Units	92536809001 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	20.5	20.9	102	104	60-140	2	30
1,1,1-Trichloroethane	ug/L	ND	20	20	22.1	23.1	111	115	60-140	4	30
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.8	21.9	104	109	60-140	5	30
1,1,2-Trichloroethane	ug/L	ND	20	20	20.8	21.4	104	107	60-140	3	30
1,1-Dichloroethane	ug/L	ND	20	20	24.9	26.0	124	130	60-140	4	30
1,1-Dichloroethene	ug/L	ND	20	20	26.6	27.8	133	139	60-140	4	30
1,1-Dichloropropene	ug/L	ND	20	20	23.7	24.7	118	123	60-140	4	30
1,2,3-Trichlorobenzene	ug/L	ND	20	20	14.6	15.0	73	75	60-140	3	30
1,2,3-Trichloropropane	ug/L	ND	20	20	20.8	21.6	104	108	60-140	4	30
1,2,4-Trichlorobenzene	ug/L	ND	20	20	15.3	15.5	76	78	60-140	2	30
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.3	20.3	101	102	60-140	0	30
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20.8	21.5	104	108	60-140	4	30
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.9	23.7	114	118	60-140	3	30
1,2-Dichlorobenzene	ug/L	ND	20	20	18.3	18.7	92	93	60-140	2	30
1,2-Dichloroethane	ug/L	ND	20	20	18.3	19.6	92	98	60-140	7	30
1,2-Dichloropropane	ug/L	ND	20	20	23.8	24.7	119	124	60-140	4	30
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.1	20.3	101	101	60-140	1	30
1,3-Dichlorobenzene	ug/L	ND	20	20	18.2	18.6	91	93	60-140	2	30
1,3-Dichloropropane	ug/L	ND	20	20	24.5	25.7	122	128	60-140	5	30
1,4-Dichlorobenzene	ug/L	ND	20	20	18.3	18.5	91	92	60-140	1	30
2,2-Dichloropropane	ug/L	ND	20	20	21.3	22.2	106	111	60-140	4	30
2-Chlorotoluene	ug/L	ND	20	20	21.6	22.1	108	111	60-140	2	30
4-Chlorotoluene	ug/L	ND	20	20	20.9	21.1	104	105	60-140	1	30
Benzene	ug/L	ND	20	20	22.9	23.9	114	119	60-140	4	30
Bromobenzene	ug/L	ND	20	20	22.7	22.8	114	114	60-140	0	30
Bromochloromethane	ug/L	ND	20	20	21.1	22.4	106	112	60-140	6	30
Bromodichloromethane	ug/L	ND	20	20	20.5	21.9	102	109	60-140	6	30
Bromoform	ug/L	ND	20	20	18.6	19.8	93	99	60-140	6	30
Bromomethane	ug/L	ND	20	20	21.5	22.5	107	113	60-140	5	30
Carbon tetrachloride	ug/L	ND	20	20	19.8	21.2	99	106	60-140	7	30
Chlorobenzene	ug/L	ND	20	20	21.4	21.9	107	110	60-140	2	30
Chloroethane	ug/L	ND	20	20	20.9	20.9	104	104	60-140	0	30
Chloroform	ug/L	ND	20	20	20.1	20.9	99	103	60-140	4	30
Chloromethane	ug/L	ND	20	20	28.3	30.7	142	154	60-140	8	30 M1
cis-1,2-Dichloroethene	ug/L	ND	20	20	24.6	25.9	123	129	60-140	5	30
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.4	22.6	107	113	60-140	6	30
Dibromochloromethane	ug/L	ND	20	20	22.4	23.2	112	116	60-140	4	30
Dibromomethane	ug/L	ND	20	20	19.0	20.2	95	101	60-140	7	30
Dichlorodifluoromethane	ug/L	ND	20	20	21.0	21.5	105	108	60-140	3	30
Diisopropyl ether	ug/L	ND	20	20	25.3	26.8	126	134	60-140	6	30
Ethylbenzene	ug/L	ND	20	20	21.3	21.5	107	108	60-140	1	30
Hexachloro-1,3-butadiene	ug/L	ND	20	20	18.4	18.2	92	91	60-140	1	30
Isopropylbenzene (Cumene)	ug/L	ND	20	20	18.1	18.7	90	93	60-140	3	30
m&p-Xylene	ug/L	ND	40	40	41.2	41.9	103	105	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92536816

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253572 3253573											
Parameter	Units	92536809001		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	20.5	22.0	103	110	60-140	7	30
Methylene Chloride	ug/L	ND	20	20	24.6	25.7	123	129	60-140	5	30
n-Butylbenzene	ug/L	ND	20	20	18.0	17.7	90	89	60-140	2	30
n-Propylbenzene	ug/L	ND	20	20	21.1	21.0	105	105	60-140	0	30
Naphthalene	ug/L	ND	20	20	15.7	16.1	79	81	60-140	3	30
o-Xylene	ug/L	ND	20	20	19.5	20.2	97	101	60-140	4	30
sec-Butylbenzene	ug/L	ND	20	20	18.5	18.8	92	94	60-140	2	30
Styrene	ug/L	ND	20	20	20.2	20.8	101	104	60-140	3	30
tert-Butylbenzene	ug/L	ND	20	20	16.3	16.7	81	83	60-140	2	30
Tetrachloroethene	ug/L	ND	20	20	20.9	20.9	105	104	60-140	0	30
Toluene	ug/L	ND	20	20	20.9	21.9	104	109	60-140	5	30
trans-1,2-Dichloroethene	ug/L	ND	20	20	25.7	26.6	129	133	60-140	3	30
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.9	21.2	99	106	60-140	7	30
Trichloroethene	ug/L	ND	20	20	20.3	21.0	102	105	60-140	3	30
Trichlorofluoromethane	ug/L	ND	20	20	20.0	19.3	100	97	60-140	4	30
Vinyl chloride	ug/L	ND	20	20	27.2	28.4	136	142	60-140	4	30 M1
1,2-Dichloroethane-d4 (S)	%						99	104	70-130		
4-Bromofluorobenzene (S)	%						93	94	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536816

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92536816

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92536816001	13926B_HC_RD_20210504	MADEP VPH	618715		
92536816001	13926B_HC_RD_20210504	EPA 3010A	618929	EPA 6010D	619122
92536816001	13926B_HC_RD_20210504	SM 6200B	618396		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

May 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.: 92536817

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on May 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 - 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
Robert Hughes, Colonial Pipeline
Margaret King, APEX Companies, LLC
Cameron Lee, Montrose-EPS
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536817

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: 2020-L1-2448 Incident

Pace Project No.: 92536817

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92536817001	DUP-1	Water	05/04/21 00:00	05/04/21 15:42
92536817002	FB-1	Water	05/04/21 00:00	05/04/21 15:42
92536817003	Trip Blank	Water	05/04/21 00:00	05/04/21 15:42

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92536817

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92536817001	DUP-1	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92536817002	FB-1	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92536817003	Trip Blank	SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536817

Sample: DUP-1 Lab ID: 92536817001 Collected: 05/04/21 00:00 Received: 05/04/21 15:42 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		05/06/21 20:12		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/06/21 20:12		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/06/21 20:12		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/06/21 20:12		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/06/21 20:12		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		05/06/21 20:12	460-00-4	
4-Bromofluorobenzene (PID) (S)	100	%	70-130		1		05/06/21 20:12	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	05/07/21 13:47	05/09/21 01:01	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/06/21 01:06	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/06/21 01:06	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/06/21 01:06	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/06/21 01:06	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/06/21 01:06	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/06/21 01:06	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/06/21 01:06	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/06/21 01:06	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/06/21 01:06	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/06/21 01:06	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/06/21 01:06	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/06/21 01:06	75-00-3	
Chloroform	9.2	ug/L	0.50	0.35	1		05/06/21 01:06	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/06/21 01:06	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/06/21 01:06	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/06/21 01:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/06/21 01:06	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/06/21 01:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/06/21 01:06	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/06/21 01:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/06/21 01:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/06/21 01:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/06/21 01:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/06/21 01:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/06/21 01:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/06/21 01:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/06/21 01:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/06/21 01:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/06/21 01:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/06/21 01:06	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536817

Sample: DUP-1		Lab ID: 92536817001		Collected: 05/04/21 00:00		Received: 05/04/21 15:42		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/06/21 01:06	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/06/21 01:06	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/06/21 01:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/06/21 01:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/06/21 01:06	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/06/21 01:06	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/06/21 01:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/06/21 01:06	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/06/21 01:06	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/06/21 01:06	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/06/21 01:06	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/06/21 01:06	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/06/21 01:06	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/06/21 01:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/06/21 01:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/06/21 01:06	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/06/21 01:06	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/06/21 01:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/06/21 01:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/06/21 01:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/06/21 01:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/06/21 01:06	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/06/21 01:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/06/21 01:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/06/21 01:06	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/06/21 01:06	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/06/21 01:06	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/06/21 01:06	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/06/21 01:06	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/06/21 01:06	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		05/06/21 01:06	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		05/06/21 01:06	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/06/21 01:06	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536817

Sample: FB-1 Lab ID: 92536817002 Collected: 05/04/21 00:00 Received: 05/04/21 15:42 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		05/06/21 14:29		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/06/21 14:29		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/06/21 14:29		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/06/21 14:29		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/06/21 14:29		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		05/06/21 14:29	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		05/06/21 14:29	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	05/07/21 13:47	05/09/21 01:10	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/05/21 22:42	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/05/21 22:42	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/05/21 22:42	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/05/21 22:42	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/05/21 22:42	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/05/21 22:42	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/05/21 22:42	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/05/21 22:42	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/05/21 22:42	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/05/21 22:42	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/05/21 22:42	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/05/21 22:42	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/05/21 22:42	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/05/21 22:42	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 22:42	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 22:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/05/21 22:42	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/05/21 22:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/05/21 22:42	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/05/21 22:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 22:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 22:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/05/21 22:42	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/05/21 22:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/05/21 22:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 22:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/05/21 22:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 22:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/05/21 22:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/05/21 22:42	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536817

Sample: FB-1		Lab ID: 92536817002		Collected: 05/04/21 00:00		Received: 05/04/21 15:42		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/05/21 22:42	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/05/21 22:42	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/05/21 22:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 22:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 22:42	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/05/21 22:42	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/05/21 22:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/05/21 22:42	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/05/21 22:42	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/05/21 22:42	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/05/21 22:42	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/05/21 22:42	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/05/21 22:42	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/05/21 22:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/05/21 22:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/05/21 22:42	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/05/21 22:42	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/05/21 22:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/05/21 22:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/05/21 22:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/05/21 22:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 22:42	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 22:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/05/21 22:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/05/21 22:42	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/05/21 22:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/05/21 22:42	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/05/21 22:42	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/05/21 22:42	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/05/21 22:42	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		05/05/21 22:42	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130		1		05/05/21 22:42	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/05/21 22:42	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536817

Sample: Trip Blank		Lab ID: 92536817003		Collected: 05/04/21 00:00		Received: 05/04/21 15:42		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		05/05/21 23:00	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/05/21 23:00	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/05/21 23:00	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/05/21 23:00	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/05/21 23:00	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/05/21 23:00	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/05/21 23:00	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/05/21 23:00	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/05/21 23:00	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/05/21 23:00	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/05/21 23:00	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/05/21 23:00	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/05/21 23:00	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/05/21 23:00	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 23:00	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/05/21 23:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/05/21 23:00	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/05/21 23:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/05/21 23:00	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/05/21 23:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 23:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/05/21 23:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/05/21 23:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/05/21 23:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/05/21 23:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 23:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/05/21 23:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 23:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/05/21 23:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/05/21 23:00	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/05/21 23:00	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/05/21 23:00	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/05/21 23:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 23:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/05/21 23:00	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/05/21 23:00	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/05/21 23:00	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/05/21 23:00	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/05/21 23:00	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/05/21 23:00	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/05/21 23:00	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/05/21 23:00	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/05/21 23:00	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/05/21 23:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/05/21 23:00	630-20-6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536817

Sample: Trip Blank		Lab ID: 92536817003		Collected: 05/04/21 00:00		Received: 05/04/21 15:42		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		05/05/21 23:00	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/05/21 23:00	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/05/21 23:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/05/21 23:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/05/21 23:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/05/21 23:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/05/21 23:00	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/05/21 23:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/05/21 23:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/05/21 23:00	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/05/21 23:00	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/05/21 23:00	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/05/21 23:00	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/05/21 23:00	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/05/21 23:00	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		05/05/21 23:00	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		05/05/21 23:00	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/05/21 23:00	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92536817

QC Batch:	618715	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92536817001, 92536817002

METHOD BLANK: 3255362 Matrix: Water

Associated Lab Samples: 92536817001, 92536817002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/06/21 13:32	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/06/21 13:32	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/06/21 13:32	N2
4-Bromofluorobenzene (FID) (S)	%	101	70-130		05/06/21 13:32	
4-Bromofluorobenzene (PID) (S)	%	104	70-130		05/06/21 13:32	

LABORATORY CONTROL SAMPLE & LCSD: 3255363

		3255364								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	350	342	117	114	70-130	2	25	N2
Aliphatic (C09-C12)	ug/L	300	333	340	111	113	70-130	2	25	N2
Aromatic (C09-C10)	ug/L	100	108	111	108	111	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				103	107	70-130			
4-Bromofluorobenzene (PID) (S)	%				103	107	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92536817

QC Batch: 618929

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92536817001, 92536817002

METHOD BLANK: 3256558

Matrix: Water

Associated Lab Samples: 92536817001, 92536817002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	05/09/21 00:13	

LABORATORY CONTROL SAMPLE: 3256559

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	451	90	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3256560 3256561

Parameter	Units	92536809001 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	436	456	87	91	75-125	4	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92536817

QC Batch: 618396 Analysis Method: SM 6200B
QC Batch Method: SM 6200B Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92536817001, 92536817002, 92536817003

METHOD BLANK: 3253569 Matrix: Water
Associated Lab Samples: 92536817001, 92536817002, 92536817003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/05/21 22:24	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/05/21 22:24	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/05/21 22:24	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/05/21 22:24	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/05/21 22:24	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/05/21 22:24	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/05/21 22:24	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/05/21 22:24	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/05/21 22:24	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/05/21 22:24	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/05/21 22:24	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/05/21 22:24	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/05/21 22:24	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/05/21 22:24	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/05/21 22:24	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/05/21 22:24	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/05/21 22:24	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/05/21 22:24	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/05/21 22:24	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/05/21 22:24	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/05/21 22:24	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/05/21 22:24	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/05/21 22:24	
Benzene	ug/L	ND	0.50	0.34	05/05/21 22:24	
Bromobenzene	ug/L	ND	0.50	0.29	05/05/21 22:24	
Bromochloromethane	ug/L	ND	0.50	0.47	05/05/21 22:24	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/05/21 22:24	
Bromoform	ug/L	ND	0.50	0.34	05/05/21 22:24	
Bromomethane	ug/L	ND	5.0	1.7	05/05/21 22:24	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/05/21 22:24	
Chlorobenzene	ug/L	ND	0.50	0.28	05/05/21 22:24	
Chloroethane	ug/L	ND	1.0	0.65	05/05/21 22:24	
Chloroform	ug/L	ND	0.50	0.35	05/05/21 22:24	
Chloromethane	ug/L	ND	1.0	0.54	05/05/21 22:24	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/05/21 22:24	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/05/21 22:24	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/05/21 22:24	
Dibromomethane	ug/L	ND	0.50	0.39	05/05/21 22:24	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/05/21 22:24	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/05/21 22:24	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92536817

METHOD BLANK: 3253569 Matrix: Water

Associated Lab Samples: 92536817001, 92536817002, 92536817003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/05/21 22:24	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/05/21 22:24	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/05/21 22:24	
m&p-Xylene	ug/L	ND	1.0	0.71	05/05/21 22:24	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/05/21 22:24	
Methylene Chloride	ug/L	ND	2.0	2.0	05/05/21 22:24	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/05/21 22:24	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/05/21 22:24	
Naphthalene	ug/L	ND	2.0	0.64	05/05/21 22:24	
o-Xylene	ug/L	ND	0.50	0.34	05/05/21 22:24	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/05/21 22:24	
Styrene	ug/L	ND	0.50	0.29	05/05/21 22:24	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/05/21 22:24	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/05/21 22:24	
Toluene	ug/L	ND	0.50	0.48	05/05/21 22:24	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/05/21 22:24	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/05/21 22:24	
Trichloroethene	ug/L	ND	0.50	0.38	05/05/21 22:24	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/05/21 22:24	
Vinyl chloride	ug/L	ND	1.0	0.39	05/05/21 22:24	
1,2-Dichloroethane-d4 (S)	%	100	70-130		05/05/21 22:24	
4-Bromofluorobenzene (S)	%	97	70-130		05/05/21 22:24	
Toluene-d8 (S)	%	102	70-130		05/05/21 22:24	

LABORATORY CONTROL SAMPLE: 3253571

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.2	100	60-140	
1,1,1-Trichloroethane	ug/L	50	50.1	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	53.2	106	60-140	
1,1,2-Trichloroethane	ug/L	50	51.5	103	60-140	
1,1-Dichloroethane	ug/L	50	57.1	114	60-140	
1,1-Dichloroethene	ug/L	50	55.4	111	60-140	
1,1-Dichloropropene	ug/L	50	53.7	107	60-140	
1,2,3-Trichlorobenzene	ug/L	50	46.9	94	60-140	
1,2,3-Trichloropropane	ug/L	50	52.2	104	60-140	
1,2,4-Trichlorobenzene	ug/L	50	47.8	96	60-140	
1,2,4-Trimethylbenzene	ug/L	50	51.0	102	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.8	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	56.3	113	60-140	
1,2-Dichlorobenzene	ug/L	50	47.9	96	60-140	
1,2-Dichloroethane	ug/L	50	46.1	92	60-140	
1,2-Dichloropropane	ug/L	50	57.7	115	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.5	101	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92536817

LABORATORY CONTROL SAMPLE: 3253571

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	47.9	96	60-140	
1,3-Dichloropropane	ug/L	50	59.6	119	60-140	
1,4-Dichlorobenzene	ug/L	50	48.2	96	60-140	
2,2-Dichloropropane	ug/L	50	50.1	100	60-140	
2-Chlorotoluene	ug/L	50	52.1	104	60-140	
4-Chlorotoluene	ug/L	50	50.6	101	60-140	
Benzene	ug/L	50	53.3	107	60-140	
Bromobenzene	ug/L	50	51.4	103	60-140	
Bromochloromethane	ug/L	50	52.9	106	60-140	
Bromodichloromethane	ug/L	50	51.1	102	60-140	
Bromoform	ug/L	50	50.1	100	60-140	
Bromomethane	ug/L	50	43.8	88	60-140	
Carbon tetrachloride	ug/L	50	44.9	90	60-140	
Chlorobenzene	ug/L	50	51.1	102	60-140	
Chloroethane	ug/L	50	39.2	78	60-140	
Chloroform	ug/L	50	48.7	97	60-140	
Chloromethane	ug/L	50	61.4	123	60-140	
cis-1,2-Dichloroethene	ug/L	50	57.4	115	60-140	
cis-1,3-Dichloropropene	ug/L	50	53.1	106	60-140	
Dibromochloromethane	ug/L	50	56.9	114	60-140	
Dibromomethane	ug/L	50	47.3	95	60-140	
Dichlorodifluoromethane	ug/L	50	41.5	83	60-140	
Diisopropyl ether	ug/L	50	61.3	123	60-140	
Ethylbenzene	ug/L	50	50.8	102	60-140	
Hexachloro-1,3-butadiene	ug/L	50	46.4	93	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.6	97	60-140	
m&p-Xylene	ug/L	100	101	101	60-140	
Methyl-tert-butyl ether	ug/L	50	52.7	105	60-140	
Methylene Chloride	ug/L	50	58.6	117	60-140	
n-Butylbenzene	ug/L	50	48.1	96	60-140	
n-Propylbenzene	ug/L	50	50.0	100	60-140	
Naphthalene	ug/L	50	49.2	98	60-140	
o-Xylene	ug/L	50	49.3	99	60-140	
sec-Butylbenzene	ug/L	50	47.3	95	60-140	
Styrene	ug/L	50	51.8	104	60-140	
tert-Butylbenzene	ug/L	50	41.0	82	60-140	
Tetrachloroethene	ug/L	50	49.8	100	60-140	
Toluene	ug/L	50	47.3	95	60-140	
trans-1,2-Dichloroethene	ug/L	50	58.2	116	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.1	104	60-140	
Trichloroethene	ug/L	50	46.9	94	60-140	
Trichlorofluoromethane	ug/L	50	35.2	70	60-140	
Vinyl chloride	ug/L	50	57.0	114	60-140	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92536817

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253572 3253573											
Parameter	Units	92536809001 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	20.5	20.9	102	104	60-140	2	30
1,1,1-Trichloroethane	ug/L	ND	20	20	22.1	23.1	111	115	60-140	4	30
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.8	21.9	104	109	60-140	5	30
1,1,2-Trichloroethane	ug/L	ND	20	20	20.8	21.4	104	107	60-140	3	30
1,1-Dichloroethane	ug/L	ND	20	20	24.9	26.0	124	130	60-140	4	30
1,1-Dichloroethene	ug/L	ND	20	20	26.6	27.8	133	139	60-140	4	30
1,1-Dichloropropene	ug/L	ND	20	20	23.7	24.7	118	123	60-140	4	30
1,2,3-Trichlorobenzene	ug/L	ND	20	20	14.6	15.0	73	75	60-140	3	30
1,2,3-Trichloropropane	ug/L	ND	20	20	20.8	21.6	104	108	60-140	4	30
1,2,4-Trichlorobenzene	ug/L	ND	20	20	15.3	15.5	76	78	60-140	2	30
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.3	20.3	101	102	60-140	0	30
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20.8	21.5	104	108	60-140	4	30
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.9	23.7	114	118	60-140	3	30
1,2-Dichlorobenzene	ug/L	ND	20	20	18.3	18.7	92	93	60-140	2	30
1,2-Dichloroethane	ug/L	ND	20	20	18.3	19.6	92	98	60-140	7	30
1,2-Dichloropropane	ug/L	ND	20	20	23.8	24.7	119	124	60-140	4	30
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.1	20.3	101	101	60-140	1	30
1,3-Dichlorobenzene	ug/L	ND	20	20	18.2	18.6	91	93	60-140	2	30
1,3-Dichloropropane	ug/L	ND	20	20	24.5	25.7	122	128	60-140	5	30
1,4-Dichlorobenzene	ug/L	ND	20	20	18.3	18.5	91	92	60-140	1	30
2,2-Dichloropropane	ug/L	ND	20	20	21.3	22.2	106	111	60-140	4	30
2-Chlorotoluene	ug/L	ND	20	20	21.6	22.1	108	111	60-140	2	30
4-Chlorotoluene	ug/L	ND	20	20	20.9	21.1	104	105	60-140	1	30
Benzene	ug/L	ND	20	20	22.9	23.9	114	119	60-140	4	30
Bromobenzene	ug/L	ND	20	20	22.7	22.8	114	114	60-140	0	30
Bromochloromethane	ug/L	ND	20	20	21.1	22.4	106	112	60-140	6	30
Bromodichloromethane	ug/L	ND	20	20	20.5	21.9	102	109	60-140	6	30
Bromoform	ug/L	ND	20	20	18.6	19.8	93	99	60-140	6	30
Bromomethane	ug/L	ND	20	20	21.5	22.5	107	113	60-140	5	30
Carbon tetrachloride	ug/L	ND	20	20	19.8	21.2	99	106	60-140	7	30
Chlorobenzene	ug/L	ND	20	20	21.4	21.9	107	110	60-140	2	30
Chloroethane	ug/L	ND	20	20	20.9	20.9	104	104	60-140	0	30
Chloroform	ug/L	ND	20	20	20.1	20.9	99	103	60-140	4	30
Chloromethane	ug/L	ND	20	20	28.3	30.7	142	154	60-140	8	30 M1
cis-1,2-Dichloroethene	ug/L	ND	20	20	24.6	25.9	123	129	60-140	5	30
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.4	22.6	107	113	60-140	6	30
Dibromochloromethane	ug/L	ND	20	20	22.4	23.2	112	116	60-140	4	30
Dibromomethane	ug/L	ND	20	20	19.0	20.2	95	101	60-140	7	30
Dichlorodifluoromethane	ug/L	ND	20	20	21.0	21.5	105	108	60-140	3	30
Diisopropyl ether	ug/L	ND	20	20	25.3	26.8	126	134	60-140	6	30
Ethylbenzene	ug/L	ND	20	20	21.3	21.5	107	108	60-140	1	30
Hexachloro-1,3-butadiene	ug/L	ND	20	20	18.4	18.2	92	91	60-140	1	30
Isopropylbenzene (Cumene)	ug/L	ND	20	20	18.1	18.7	90	93	60-140	3	30
m&p-Xylene	ug/L	ND	40	40	41.2	41.9	103	105	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92536817

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3253572				3253573								
		92536809001	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	20.5	22.0	103	110	60-140	7	30	
Methylene Chloride	ug/L	ND	20	20	24.6	25.7	123	129	60-140	5	30	
n-Butylbenzene	ug/L	ND	20	20	18.0	17.7	90	89	60-140	2	30	
n-Propylbenzene	ug/L	ND	20	20	21.1	21.0	105	105	60-140	0	30	
Naphthalene	ug/L	ND	20	20	15.7	16.1	79	81	60-140	3	30	
o-Xylene	ug/L	ND	20	20	19.5	20.2	97	101	60-140	4	30	
sec-Butylbenzene	ug/L	ND	20	20	18.5	18.8	92	94	60-140	2	30	
Styrene	ug/L	ND	20	20	20.2	20.8	101	104	60-140	3	30	
tert-Butylbenzene	ug/L	ND	20	20	16.3	16.7	81	83	60-140	2	30	
Tetrachloroethene	ug/L	ND	20	20	20.9	20.9	105	104	60-140	0	30	
Toluene	ug/L	ND	20	20	20.9	21.9	104	109	60-140	5	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	25.7	26.6	129	133	60-140	3	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.9	21.2	99	106	60-140	7	30	
Trichloroethene	ug/L	ND	20	20	20.3	21.0	102	105	60-140	3	30	
Trichlorofluoromethane	ug/L	ND	20	20	20.0	19.3	100	97	60-140	4	30	
Vinyl chloride	ug/L	ND	20	20	27.2	28.4	136	142	60-140	4	30	M1
1,2-Dichloroethane-d4 (S)	%						99	104	70-130			
4-Bromofluorobenzene (S)	%						93	94	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92536817

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92536817

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92536817001	DUP-1	MADEP VPH	618715		
92536817002	FB-1	MADEP VPH	618715		
92536817001	DUP-1	EPA 3010A	618929	EPA 6010D	619122
92536817002	FB-1	EPA 3010A	618929	EPA 6010D	619122
92536817001	DUP-1	SM 6200B	618396		
92536817002	FB-1	SM 6200B	618396		
92536817003	Trip Blank	SM 6200B	618396		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

May 19, 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.: 92538161

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on May 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 - 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
Robert Hughes, Colonial Pipeline
Margaret King, APEX Companies, LLC
Cameron Lee, Montrose-EPS
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538161

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538161

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92538161001	14401_HC_RD_20210511	Water	05/11/21 09:35	05/11/21 13:00

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538161

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92538161001	14401_HC_RD_20210511	MADEP VPH	LMB	7	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538161

Sample: 14401_HC_RD_20210511 Lab ID: 92538161001 Collected: 05/11/21 09:35 Received: 05/11/21 13:00 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		05/12/21 20:03		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/12/21 20:03		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/12/21 20:03		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/12/21 20:03		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/12/21 20:03		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		05/12/21 20:03	460-00-4	
4-Bromofluorobenzene (PID) (S)	101	%	70-130		1		05/12/21 20:03	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	05/18/21 09:00	05/19/21 06:35	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/12/21 16:00	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/12/21 16:00	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/12/21 16:00	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/12/21 16:00	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/12/21 16:00	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/12/21 16:00	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/12/21 16:00	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/12/21 16:00	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/12/21 16:00	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/12/21 16:00	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/12/21 16:00	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/12/21 16:00	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/12/21 16:00	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/12/21 16:00	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/12/21 16:00	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/12/21 16:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/12/21 16:00	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/12/21 16:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/12/21 16:00	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/12/21 16:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/12/21 16:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/12/21 16:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/12/21 16:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/12/21 16:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/12/21 16:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/12/21 16:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/12/21 16:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/12/21 16:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/12/21 16:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/12/21 16:00	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538161

Sample: 14401_HC_RD_20210511 **Lab ID:** 92538161001 **Collected:** 05/11/21 09:35 **Received:** 05/11/21 13:00 **Matrix:** Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/12/21 16:00	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/12/21 16:00	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/12/21 16:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/12/21 16:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/12/21 16:00	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/12/21 16:00	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/12/21 16:00	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/12/21 16:00	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/12/21 16:00	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/12/21 16:00	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/12/21 16:00	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/12/21 16:00	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/12/21 16:00	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/12/21 16:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/12/21 16:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/12/21 16:00	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/12/21 16:00	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/12/21 16:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/12/21 16:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/12/21 16:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/12/21 16:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/12/21 16:00	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/12/21 16:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/12/21 16:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/12/21 16:00	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/12/21 16:00	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/12/21 16:00	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/12/21 16:00	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/12/21 16:00	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/12/21 16:00	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		05/12/21 16:00	17060-07-0	
4-Bromofluorobenzene (S)	104	%	70-130		1		05/12/21 16:00	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		05/12/21 16:00	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92538161

QC Batch: 619972	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92538161001

METHOD BLANK: 3261756 Matrix: Water
Associated Lab Samples: 92538161001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/12/21 18:38	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/12/21 18:38	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/12/21 18:38	N2
4-Bromofluorobenzene (FID) (S)	%	100	70-130		05/12/21 18:38	
4-Bromofluorobenzene (PID) (S)	%	102	70-130		05/12/21 18:38	

LABORATORY CONTROL SAMPLE & LCSD: 3261757

LABORATORY CONTROL SAMPLE & LCSD: 3261757			3261758							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	326	313	109	104	70-130	4	25	N2
Aliphatic (C09-C12)	ug/L	300	339	354	113	118	70-130	4	25	N2
Aromatic (C09-C10)	ug/L	100	108	112	108	112	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				101	108	70-130			
4-Bromofluorobenzene (PID) (S)	%				100	106	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538161

QC Batch: 620486

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92538161001

METHOD BLANK: 3264610

Matrix: Water

Associated Lab Samples: 92538161001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	05/19/21 05:34	

LABORATORY CONTROL SAMPLE: 3264611

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	459	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3264612 3264613

Parameter	Units	92536715001 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	477	97	95	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92538161

QC Batch: 619856	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92538161001

METHOD BLANK: 3261107 Matrix: Water

Associated Lab Samples: 92538161001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/12/21 12:08	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/12/21 12:08	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/12/21 12:08	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/12/21 12:08	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/12/21 12:08	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/12/21 12:08	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/12/21 12:08	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/12/21 12:08	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/12/21 12:08	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/12/21 12:08	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/12/21 12:08	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/12/21 12:08	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/12/21 12:08	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/12/21 12:08	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/12/21 12:08	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/12/21 12:08	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/12/21 12:08	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/12/21 12:08	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/12/21 12:08	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/12/21 12:08	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/12/21 12:08	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/12/21 12:08	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/12/21 12:08	
Benzene	ug/L	ND	0.50	0.34	05/12/21 12:08	
Bromobenzene	ug/L	ND	0.50	0.29	05/12/21 12:08	
Bromochloromethane	ug/L	ND	0.50	0.47	05/12/21 12:08	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/12/21 12:08	
Bromoform	ug/L	ND	0.50	0.34	05/12/21 12:08	
Bromomethane	ug/L	ND	5.0	1.7	05/12/21 12:08	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/12/21 12:08	
Chlorobenzene	ug/L	ND	0.50	0.28	05/12/21 12:08	
Chloroethane	ug/L	ND	1.0	0.65	05/12/21 12:08	
Chloroform	ug/L	ND	0.50	0.35	05/12/21 12:08	
Chloromethane	ug/L	ND	1.0	0.54	05/12/21 12:08	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/12/21 12:08	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/12/21 12:08	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/12/21 12:08	
Dibromomethane	ug/L	ND	0.50	0.39	05/12/21 12:08	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/12/21 12:08	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/12/21 12:08	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92538161

METHOD BLANK: 3261107

Matrix: Water

Associated Lab Samples: 92538161001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/12/21 12:08	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/12/21 12:08	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/12/21 12:08	
m&p-Xylene	ug/L	ND	1.0	0.71	05/12/21 12:08	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/12/21 12:08	
Methylene Chloride	ug/L	ND	2.0	2.0	05/12/21 12:08	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/12/21 12:08	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/12/21 12:08	
Naphthalene	ug/L	ND	2.0	0.64	05/12/21 12:08	
o-Xylene	ug/L	ND	0.50	0.34	05/12/21 12:08	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/12/21 12:08	
Styrene	ug/L	ND	0.50	0.29	05/12/21 12:08	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/12/21 12:08	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/12/21 12:08	
Toluene	ug/L	ND	0.50	0.48	05/12/21 12:08	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/12/21 12:08	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/12/21 12:08	
Trichloroethene	ug/L	ND	0.50	0.38	05/12/21 12:08	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/12/21 12:08	
Vinyl chloride	ug/L	ND	1.0	0.39	05/12/21 12:08	
1,2-Dichloroethane-d4 (S)	%	96	70-130		05/12/21 12:08	
4-Bromofluorobenzene (S)	%	102	70-130		05/12/21 12:08	
Toluene-d8 (S)	%	102	70-130		05/12/21 12:08	

LABORATORY CONTROL SAMPLE: 3261108

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.8	98	60-140	
1,1,1-Trichloroethane	ug/L	50	51.3	103	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	44.7	89	60-140	
1,1,2-Trichloroethane	ug/L	50	51.1	102	60-140	
1,1-Dichloroethane	ug/L	50	49.0	98	60-140	
1,1-Dichloroethene	ug/L	50	51.8	104	60-140	
1,1-Dichloropropene	ug/L	50	52.9	106	60-140	
1,2,3-Trichlorobenzene	ug/L	50	47.0	94	60-140	
1,2,3-Trichloropropane	ug/L	50	44.8	90	60-140	
1,2,4-Trichlorobenzene	ug/L	50	47.8	96	60-140	
1,2,4-Trimethylbenzene	ug/L	50	44.1	88	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	45.0	90	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	48.3	97	60-140	
1,2-Dichlorobenzene	ug/L	50	46.0	92	60-140	
1,2-Dichloroethane	ug/L	50	51.3	103	60-140	
1,2-Dichloropropane	ug/L	50	51.0	102	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.0	90	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538161

LABORATORY CONTROL SAMPLE: 3261108

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	46.4	93	60-140	
1,3-Dichloropropane	ug/L	50	46.9	94	60-140	
1,4-Dichlorobenzene	ug/L	50	45.8	92	60-140	
2,2-Dichloropropane	ug/L	50	48.0	96	60-140	
2-Chlorotoluene	ug/L	50	45.9	92	60-140	
4-Chlorotoluene	ug/L	50	42.7	85	60-140	
Benzene	ug/L	50	50.1	100	60-140	
Bromobenzene	ug/L	50	45.8	92	60-140	
Bromochloromethane	ug/L	50	52.4	105	60-140	
Bromodichloromethane	ug/L	50	48.5	97	60-140	
Bromoform	ug/L	50	49.4	99	60-140	
Bromomethane	ug/L	50	63.2	126	60-140	
Carbon tetrachloride	ug/L	50	53.4	107	60-140	
Chlorobenzene	ug/L	50	48.0	96	60-140	
Chloroethane	ug/L	50	46.0	92	60-140	
Chloroform	ug/L	50	50.8	102	60-140	
Chloromethane	ug/L	50	52.8	106	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.5	101	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.7	99	60-140	
Dibromochloromethane	ug/L	50	49.2	98	60-140	
Dibromomethane	ug/L	50	52.0	104	60-140	
Dichlorodifluoromethane	ug/L	50	55.5	111	60-140	
Diisopropyl ether	ug/L	50	46.3	93	60-140	
Ethylbenzene	ug/L	50	46.9	94	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.2	96	60-140	
Isopropylbenzene (Cumene)	ug/L	50	47.7	95	60-140	
m&p-Xylene	ug/L	100	93.3	93	60-140	
Methyl-tert-butyl ether	ug/L	50	51.7	103	60-140	
Methylene Chloride	ug/L	50	49.7	99	60-140	
n-Butylbenzene	ug/L	50	44.3	89	60-140	
n-Propylbenzene	ug/L	50	45.0	90	60-140	
Naphthalene	ug/L	50	44.7	89	60-140	
o-Xylene	ug/L	50	46.7	93	60-140	
sec-Butylbenzene	ug/L	50	43.6	87	60-140	
Styrene	ug/L	50	48.6	97	60-140	
tert-Butylbenzene	ug/L	50	38.2	76	60-140	
Tetrachloroethene	ug/L	50	49.3	99	60-140	
Toluene	ug/L	50	48.2	96	60-140	
trans-1,2-Dichloroethene	ug/L	50	50.8	102	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.5	97	60-140	
Trichloroethene	ug/L	50	52.5	105	60-140	
Trichlorofluoromethane	ug/L	50	51.3	103	60-140	
Vinyl chloride	ug/L	50	51.4	103	60-140	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538161

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3261109 3261110											
Parameter	Units	92538175001		MS		MSD		MS		MSD	
		Result	Conc.	Spike	Conc.	Result	Conc.	% Rec	% Rec	Limits	Max
											RPD
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20	21.4	20.4	107	102	60-140	5
1,1,1-Trichloroethane	ug/L	ND	20	20	20	25.5	23.6	128	118	60-140	8
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20	20.1	19.0	100	95	60-140	6
1,1,2-Trichloroethane	ug/L	ND	20	20	20	24.3	22.8	122	114	60-140	7
1,1-Dichloroethane	ug/L	ND	20	20	20	25.0	23.0	125	115	60-140	8
1,1-Dichloroethene	ug/L	ND	20	20	20	26.3	24.1	131	121	60-140	9
1,1-Dichloropropene	ug/L	ND	20	20	20	25.6	23.9	128	119	60-140	7
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20	18.4	18.1	92	91	60-140	1
1,2,3-Trichloropropane	ug/L	ND	20	20	20	20.8	19.9	104	99	60-140	5
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20	18.4	18.5	92	92	60-140	0
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20	18.7	18.2	94	91	60-140	3
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20	19.2	17.7	96	89	60-140	8
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20	22.1	20.0	111	100	60-140	10
1,2-Dichlorobenzene	ug/L	ND	20	20	20	18.7	19.1	94	96	60-140	2
1,2-Dichloroethane	ug/L	ND	20	20	20	24.8	23.3	124	117	60-140	6
1,2-Dichloropropane	ug/L	ND	20	20	20	24.7	23.1	124	116	60-140	7
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20	19.3	18.8	96	94	60-140	2
1,3-Dichlorobenzene	ug/L	ND	20	20	20	19.2	19.0	96	95	60-140	1
1,3-Dichloropropane	ug/L	ND	20	20	20	22.1	20.7	111	103	60-140	7
1,4-Dichlorobenzene	ug/L	ND	20	20	20	19.0	19.0	95	95	60-140	0
2,2-Dichloropropane	ug/L	ND	20	20	20	24.0	22.2	120	111	60-140	8
2-Chlorotoluene	ug/L	ND	20	20	20	19.1	18.8	95	94	60-140	1
4-Chlorotoluene	ug/L	ND	20	20	20	18.6	17.9	93	90	60-140	4
Benzene	ug/L	ND	20	20	20	24.6	23.0	123	115	60-140	6
Bromobenzene	ug/L	ND	20	20	20	20.1	19.5	101	97	60-140	3
Bromochloromethane	ug/L	ND	20	20	20	25.8	23.3	129	117	60-140	10
Bromodichloromethane	ug/L	ND	20	20	20	22.9	21.4	114	107	60-140	7
Bromoform	ug/L	ND	20	20	20	21.3	19.4	106	97	60-140	9
Bromomethane	ug/L	ND	20	20	20	30.6	28.7	153	144	60-140	6
Carbon tetrachloride	ug/L	ND	20	20	20	26.4	24.3	132	122	60-140	8
Chlorobenzene	ug/L	ND	20	20	20	21.7	20.9	109	104	60-140	4
Chloroethane	ug/L	ND	20	20	20	24.6	22.7	123	114	60-140	8
Chloroform	ug/L	ND	20	20	20	25.3	23.4	125	116	60-140	8
Chloromethane	ug/L	ND	20	20	20	25.6	23.1	128	115	60-140	10
cis-1,2-Dichloroethene	ug/L	ND	20	20	20	24.8	22.9	124	115	60-140	8
cis-1,3-Dichloropropene	ug/L	ND	20	20	20	22.8	21.4	114	107	60-140	6
Dibromochloromethane	ug/L	ND	20	20	20	21.1	20.6	106	103	60-140	2
Dibromomethane	ug/L	ND	20	20	20	23.1	22.8	115	114	60-140	1
Dichlorodifluoromethane	ug/L	ND	20	20	20	26.1	23.5	130	118	60-140	10
Diisopropyl ether	ug/L	ND	20	20	20	22.8	20.3	114	101	60-140	11
Ethylbenzene	ug/L	ND	20	20	20	20.9	20.4	105	102	60-140	3
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20	20.1	20.6	100	103	60-140	3
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20	21.0	20.6	105	103	60-140	2
m&p-Xylene	ug/L	ND	40	40	40	41.4	40.6	104	101	60-140	2

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538161

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3261109 3261110											
Parameter	Units	92538175001		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	24.7	22.7	123	114	60-140	8 30
Methylene Chloride	ug/L	ND	20	20	20	24.8	22.4	124	112	60-140	10 30
n-Butylbenzene	ug/L	ND	20	20	20	18.4	18.1	92	91	60-140	1 30
n-Propylbenzene	ug/L	ND	20	20	20	19.0	18.9	95	94	60-140	1 30
Naphthalene	ug/L	ND	20	20	20	17.5	17.8	88	89	60-140	2 30
o-Xylene	ug/L	ND	20	20	20	21.3	20.5	107	102	60-140	4 30
sec-Butylbenzene	ug/L	ND	20	20	20	19.0	18.7	95	94	60-140	1 30
Styrene	ug/L	ND	20	20	20	21.1	20.4	105	102	60-140	3 30
tert-Butylbenzene	ug/L	ND	20	20	20	16.7	15.8	83	79	60-140	5 30
Tetrachloroethene	ug/L	ND	20	20	20	22.1	21.0	111	105	60-140	5 30
Toluene	ug/L	ND	20	20	20	22.9	21.7	115	109	60-140	5 30
trans-1,2-Dichloroethene	ug/L	ND	20	20	20	25.4	23.0	127	115	60-140	10 30
trans-1,3-Dichloropropene	ug/L	ND	20	20	20	21.9	20.1	109	101	60-140	8 30
Trichloroethene	ug/L	ND	20	20	20	26.0	24.1	130	120	60-140	8 30
Trichlorofluoromethane	ug/L	ND	20	20	20	26.4	24.1	132	120	60-140	9 30
Vinyl chloride	ug/L	ND	20	20	20	25.4	23.5	127	117	60-140	8 30
1,2-Dichloroethane-d4 (S)	%							100	94	70-130	
4-Bromofluorobenzene (S)	%							100	101	70-130	
Toluene-d8 (S)	%							101	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538161

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538161

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92538161001	14401_HC_RD_20210511	MADEP VPH	619972		
92538161001	14401_HC_RD_20210511	EPA 3010A	620486	EPA 6010D	621136
92538161001	14401_HC_RD_20210511	SM 6200B	619856		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

May 19, 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.: 92538166

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on May 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 - 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
Robert Hughes, Colonial Pipeline
Margaret King, APEX Companies, LLC
Cameron Lee, Montrose-EPS
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538166

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538166

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92538166001	13835_AC_RD_20210511	Water	05/11/21 10:30	05/11/21 13:00

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538166

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92538166001	13835_AC_RD_20210511	MADEP VPH	LMB	7	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538166

Sample: 13835_AC_RD_20210511 Lab ID: 92538166001 Collected: 05/11/21 10:30 Received: 05/11/21 13:00 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		05/12/21 20:32		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/12/21 20:32		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/12/21 20:32		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/12/21 20:32		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/12/21 20:32		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		05/12/21 20:32	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		05/12/21 20:32	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	05/18/21 09:00	05/19/21 06:45	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/12/21 19:00	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/12/21 19:00	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/12/21 19:00	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/12/21 19:00	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/12/21 19:00	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/12/21 19:00	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/12/21 19:00	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/12/21 19:00	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/12/21 19:00	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/12/21 19:00	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/12/21 19:00	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/12/21 19:00	75-00-3	
Chloroform	0.67	ug/L	0.50	0.35	1		05/12/21 19:00	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/12/21 19:00	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/12/21 19:00	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/12/21 19:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/12/21 19:00	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/12/21 19:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/12/21 19:00	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/12/21 19:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/12/21 19:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/12/21 19:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/12/21 19:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/12/21 19:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/12/21 19:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/12/21 19:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/12/21 19:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/12/21 19:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/12/21 19:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/12/21 19:00	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538166

Sample: 13835_AC_RD_20210511 **Lab ID:** 92538166001 **Collected:** 05/11/21 10:30 **Received:** 05/11/21 13:00 **Matrix:** Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/12/21 19:00	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/12/21 19:00	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/12/21 19:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/12/21 19:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/12/21 19:00	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/12/21 19:00	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/12/21 19:00	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/12/21 19:00	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/12/21 19:00	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/12/21 19:00	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/12/21 19:00	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/12/21 19:00	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/12/21 19:00	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/12/21 19:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/12/21 19:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/12/21 19:00	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/12/21 19:00	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/12/21 19:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/12/21 19:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/12/21 19:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/12/21 19:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/12/21 19:00	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/12/21 19:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/12/21 19:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/12/21 19:00	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/12/21 19:00	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/12/21 19:00	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/12/21 19:00	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/12/21 19:00	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/12/21 19:00	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		05/12/21 19:00	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		05/12/21 19:00	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		05/12/21 19:00	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538166

QC Batch: 619972	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92538166001

METHOD BLANK: 3261756 Matrix: Water

Associated Lab Samples: 92538166001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/12/21 18:38	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/12/21 18:38	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/12/21 18:38	N2
4-Bromofluorobenzene (FID) (S)	%	100	70-130		05/12/21 18:38	
4-Bromofluorobenzene (PID) (S)	%	102	70-130		05/12/21 18:38	

LABORATORY CONTROL SAMPLE & LCSD: 3261757

LABORATORY CONTROL SAMPLE & LCSD: 3261757			3261758							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	326	313	109	104	70-130	4	25	N2
Aliphatic (C09-C12)	ug/L	300	339	354	113	118	70-130	4	25	N2
Aromatic (C09-C10)	ug/L	100	108	112	108	112	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				101	108	70-130			
4-Bromofluorobenzene (PID) (S)	%				100	106	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538166

QC Batch: 620486

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92538166001

METHOD BLANK: 3264610

Matrix: Water

Associated Lab Samples: 92538166001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	05/19/21 05:34	

LABORATORY CONTROL SAMPLE: 3264611

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	459	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3264612 3264613

Parameter	Units	92536715001 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	477	97	95	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92538166

QC Batch: 619856	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92538166001

METHOD BLANK: 3261107 Matrix: Water

Associated Lab Samples: 92538166001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/12/21 12:08	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/12/21 12:08	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/12/21 12:08	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/12/21 12:08	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/12/21 12:08	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/12/21 12:08	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/12/21 12:08	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/12/21 12:08	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/12/21 12:08	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/12/21 12:08	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/12/21 12:08	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/12/21 12:08	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/12/21 12:08	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/12/21 12:08	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/12/21 12:08	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/12/21 12:08	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/12/21 12:08	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/12/21 12:08	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/12/21 12:08	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/12/21 12:08	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/12/21 12:08	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/12/21 12:08	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/12/21 12:08	
Benzene	ug/L	ND	0.50	0.34	05/12/21 12:08	
Bromobenzene	ug/L	ND	0.50	0.29	05/12/21 12:08	
Bromochloromethane	ug/L	ND	0.50	0.47	05/12/21 12:08	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/12/21 12:08	
Bromoform	ug/L	ND	0.50	0.34	05/12/21 12:08	
Bromomethane	ug/L	ND	5.0	1.7	05/12/21 12:08	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/12/21 12:08	
Chlorobenzene	ug/L	ND	0.50	0.28	05/12/21 12:08	
Chloroethane	ug/L	ND	1.0	0.65	05/12/21 12:08	
Chloroform	ug/L	ND	0.50	0.35	05/12/21 12:08	
Chloromethane	ug/L	ND	1.0	0.54	05/12/21 12:08	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/12/21 12:08	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/12/21 12:08	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/12/21 12:08	
Dibromomethane	ug/L	ND	0.50	0.39	05/12/21 12:08	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/12/21 12:08	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/12/21 12:08	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538166

METHOD BLANK: 3261107

Matrix: Water

Associated Lab Samples: 92538166001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/12/21 12:08	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/12/21 12:08	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/12/21 12:08	
m&p-Xylene	ug/L	ND	1.0	0.71	05/12/21 12:08	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/12/21 12:08	
Methylene Chloride	ug/L	ND	2.0	2.0	05/12/21 12:08	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/12/21 12:08	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/12/21 12:08	
Naphthalene	ug/L	ND	2.0	0.64	05/12/21 12:08	
o-Xylene	ug/L	ND	0.50	0.34	05/12/21 12:08	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/12/21 12:08	
Styrene	ug/L	ND	0.50	0.29	05/12/21 12:08	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/12/21 12:08	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/12/21 12:08	
Toluene	ug/L	ND	0.50	0.48	05/12/21 12:08	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/12/21 12:08	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/12/21 12:08	
Trichloroethene	ug/L	ND	0.50	0.38	05/12/21 12:08	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/12/21 12:08	
Vinyl chloride	ug/L	ND	1.0	0.39	05/12/21 12:08	
1,2-Dichloroethane-d4 (S)	%	96	70-130		05/12/21 12:08	
4-Bromofluorobenzene (S)	%	102	70-130		05/12/21 12:08	
Toluene-d8 (S)	%	102	70-130		05/12/21 12:08	

LABORATORY CONTROL SAMPLE: 3261108

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.8	98	60-140	
1,1,1-Trichloroethane	ug/L	50	51.3	103	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	44.7	89	60-140	
1,1,2-Trichloroethane	ug/L	50	51.1	102	60-140	
1,1-Dichloroethane	ug/L	50	49.0	98	60-140	
1,1-Dichloroethene	ug/L	50	51.8	104	60-140	
1,1-Dichloropropene	ug/L	50	52.9	106	60-140	
1,2,3-Trichlorobenzene	ug/L	50	47.0	94	60-140	
1,2,3-Trichloropropane	ug/L	50	44.8	90	60-140	
1,2,4-Trichlorobenzene	ug/L	50	47.8	96	60-140	
1,2,4-Trimethylbenzene	ug/L	50	44.1	88	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	45.0	90	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	48.3	97	60-140	
1,2-Dichlorobenzene	ug/L	50	46.0	92	60-140	
1,2-Dichloroethane	ug/L	50	51.3	103	60-140	
1,2-Dichloropropane	ug/L	50	51.0	102	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.0	90	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538166

LABORATORY CONTROL SAMPLE: 3261108

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	46.4	93	60-140	
1,3-Dichloropropane	ug/L	50	46.9	94	60-140	
1,4-Dichlorobenzene	ug/L	50	45.8	92	60-140	
2,2-Dichloropropane	ug/L	50	48.0	96	60-140	
2-Chlorotoluene	ug/L	50	45.9	92	60-140	
4-Chlorotoluene	ug/L	50	42.7	85	60-140	
Benzene	ug/L	50	50.1	100	60-140	
Bromobenzene	ug/L	50	45.8	92	60-140	
Bromochloromethane	ug/L	50	52.4	105	60-140	
Bromodichloromethane	ug/L	50	48.5	97	60-140	
Bromoform	ug/L	50	49.4	99	60-140	
Bromomethane	ug/L	50	63.2	126	60-140	
Carbon tetrachloride	ug/L	50	53.4	107	60-140	
Chlorobenzene	ug/L	50	48.0	96	60-140	
Chloroethane	ug/L	50	46.0	92	60-140	
Chloroform	ug/L	50	50.8	102	60-140	
Chloromethane	ug/L	50	52.8	106	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.5	101	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.7	99	60-140	
Dibromochloromethane	ug/L	50	49.2	98	60-140	
Dibromomethane	ug/L	50	52.0	104	60-140	
Dichlorodifluoromethane	ug/L	50	55.5	111	60-140	
Diisopropyl ether	ug/L	50	46.3	93	60-140	
Ethylbenzene	ug/L	50	46.9	94	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.2	96	60-140	
Isopropylbenzene (Cumene)	ug/L	50	47.7	95	60-140	
m&p-Xylene	ug/L	100	93.3	93	60-140	
Methyl-tert-butyl ether	ug/L	50	51.7	103	60-140	
Methylene Chloride	ug/L	50	49.7	99	60-140	
n-Butylbenzene	ug/L	50	44.3	89	60-140	
n-Propylbenzene	ug/L	50	45.0	90	60-140	
Naphthalene	ug/L	50	44.7	89	60-140	
o-Xylene	ug/L	50	46.7	93	60-140	
sec-Butylbenzene	ug/L	50	43.6	87	60-140	
Styrene	ug/L	50	48.6	97	60-140	
tert-Butylbenzene	ug/L	50	38.2	76	60-140	
Tetrachloroethene	ug/L	50	49.3	99	60-140	
Toluene	ug/L	50	48.2	96	60-140	
trans-1,2-Dichloroethene	ug/L	50	50.8	102	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.5	97	60-140	
Trichloroethene	ug/L	50	52.5	105	60-140	
Trichlorofluoromethane	ug/L	50	51.3	103	60-140	
Vinyl chloride	ug/L	50	51.4	103	60-140	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538166

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3261109	3261110									
Parameter	Units	92538175001	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.4	20.4	107	102	60-140	5	30	M1	
1,1,1-Trichloroethane	ug/L	ND	20	20	25.5	23.6	128	118	60-140	8	30		
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.1	19.0	100	95	60-140	6	30		
1,1,2-Trichloroethane	ug/L	ND	20	20	24.3	22.8	122	114	60-140	7	30		
1,1-Dichloroethane	ug/L	ND	20	20	25.0	23.0	125	115	60-140	8	30		
1,1-Dichloroethene	ug/L	ND	20	20	26.3	24.1	131	121	60-140	9	30		
1,1-Dichloropropene	ug/L	ND	20	20	25.6	23.9	128	119	60-140	7	30		
1,2,3-Trichlorobenzene	ug/L	ND	20	20	18.4	18.1	92	91	60-140	1	30		
1,2,3-Trichloropropane	ug/L	ND	20	20	20.8	19.9	104	99	60-140	5	30		
1,2,4-Trichlorobenzene	ug/L	ND	20	20	18.4	18.5	92	92	60-140	0	30		
1,2,4-Trimethylbenzene	ug/L	ND	20	20	18.7	18.2	94	91	60-140	3	30		
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.2	17.7	96	89	60-140	8	30		
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.1	20.0	111	100	60-140	10	30		
1,2-Dichlorobenzene	ug/L	ND	20	20	18.7	19.1	94	96	60-140	2	30		
1,2-Dichloroethane	ug/L	ND	20	20	24.8	23.3	124	117	60-140	6	30		
1,2-Dichloropropane	ug/L	ND	20	20	24.7	23.1	124	116	60-140	7	30		
1,3,5-Trimethylbenzene	ug/L	ND	20	20	19.3	18.8	96	94	60-140	2	30		
1,3-Dichlorobenzene	ug/L	ND	20	20	19.2	19.0	96	95	60-140	1	30		
1,3-Dichloropropane	ug/L	ND	20	20	22.1	20.7	111	103	60-140	7	30		
1,4-Dichlorobenzene	ug/L	ND	20	20	19.0	19.0	95	95	60-140	0	30		
2,2-Dichloropropane	ug/L	ND	20	20	24.0	22.2	120	111	60-140	8	30		
2-Chlorotoluene	ug/L	ND	20	20	19.1	18.8	95	94	60-140	1	30		
4-Chlorotoluene	ug/L	ND	20	20	18.6	17.9	93	90	60-140	4	30		
Benzene	ug/L	ND	20	20	24.6	23.0	123	115	60-140	6	30		
Bromobenzene	ug/L	ND	20	20	20.1	19.5	101	97	60-140	3	30		
Bromochloromethane	ug/L	ND	20	20	25.8	23.3	129	117	60-140	10	30		
Bromodichloromethane	ug/L	ND	20	20	22.9	21.4	114	107	60-140	7	30		
Bromoform	ug/L	ND	20	20	21.3	19.4	106	97	60-140	9	30		
Bromomethane	ug/L	ND	20	20	30.6	28.7	153	144	60-140	6	30		
Carbon tetrachloride	ug/L	ND	20	20	26.4	24.3	132	122	60-140	8	30		
Chlorobenzene	ug/L	ND	20	20	21.7	20.9	109	104	60-140	4	30		
Chloroethane	ug/L	ND	20	20	24.6	22.7	123	114	60-140	8	30		
Chloroform	ug/L	ND	20	20	25.3	23.4	125	116	60-140	8	30		
Chloromethane	ug/L	ND	20	20	25.6	23.1	128	115	60-140	10	30		
cis-1,2-Dichloroethene	ug/L	ND	20	20	24.8	22.9	124	115	60-140	8	30		
cis-1,3-Dichloropropene	ug/L	ND	20	20	22.8	21.4	114	107	60-140	6	30		
Dibromochloromethane	ug/L	ND	20	20	21.1	20.6	106	103	60-140	2	30		
Dibromomethane	ug/L	ND	20	20	23.1	22.8	115	114	60-140	1	30		
Dichlorodifluoromethane	ug/L	ND	20	20	26.1	23.5	130	118	60-140	10	30		
Diisopropyl ether	ug/L	ND	20	20	22.8	20.3	114	101	60-140	11	30		
Ethylbenzene	ug/L	ND	20	20	20.9	20.4	105	102	60-140	3	30		
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.1	20.6	100	103	60-140	3	30		
Isopropylbenzene (Cumene)	ug/L	ND	20	20	21.0	20.6	105	103	60-140	2	30		
m&p-Xylene	ug/L	ND	40	40	41.4	40.6	104	101	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538166

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3261109 3261110													
Parameter	Units	92538175001	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
Methyl-tert-butyl ether	ug/L	ND	20	20	24.7	22.7	123	114	60-140	8	30		
Methylene Chloride	ug/L	ND	20	20	24.8	22.4	124	112	60-140	10	30		
n-Butylbenzene	ug/L	ND	20	20	18.4	18.1	92	91	60-140	1	30		
n-Propylbenzene	ug/L	ND	20	20	19.0	18.9	95	94	60-140	1	30		
Naphthalene	ug/L	ND	20	20	17.5	17.8	88	89	60-140	2	30		
o-Xylene	ug/L	ND	20	20	21.3	20.5	107	102	60-140	4	30		
sec-Butylbenzene	ug/L	ND	20	20	19.0	18.7	95	94	60-140	1	30		
Styrene	ug/L	ND	20	20	21.1	20.4	105	102	60-140	3	30		
tert-Butylbenzene	ug/L	ND	20	20	16.7	15.8	83	79	60-140	5	30		
Tetrachloroethene	ug/L	ND	20	20	22.1	21.0	111	105	60-140	5	30		
Toluene	ug/L	ND	20	20	22.9	21.7	115	109	60-140	5	30		
trans-1,2-Dichloroethene	ug/L	ND	20	20	25.4	23.0	127	115	60-140	10	30		
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.9	20.1	109	101	60-140	8	30		
Trichloroethene	ug/L	ND	20	20	26.0	24.1	130	120	60-140	8	30		
Trichlorofluoromethane	ug/L	ND	20	20	26.4	24.1	132	120	60-140	9	30		
Vinyl chloride	ug/L	ND	20	20	25.4	23.5	127	117	60-140	8	30		
1,2-Dichloroethane-d4 (S)	%						100	94	70-130				
4-Bromofluorobenzene (S)	%						100	101	70-130				
Toluene-d8 (S)	%						101	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538166

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538166

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92538166001	13835_AC_RD_20210511	MADEP VPH	619972		
92538166001	13835_AC_RD_20210511	EPA 3010A	620486	EPA 6010D	621136
92538166001	13835_AC_RD_20210511	SM 6200B	619856		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

May 19, 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.: 92538168

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on May 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 - 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
Robert Hughes, Colonial Pipeline
Margaret King, APEX Companies, LLC
Cameron Lee, Montrose-EPS
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538168

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538168

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92538168001	13926B_HC_RD_20210511	Water	05/11/21 11:20	05/11/21 13:00

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538168

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92538168001	13926B_HC_RD_20210511	MADEP VPH	LMB	7	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538168

Sample: 13926B_HC_RD_20210511 Lab ID: 92538168001 Collected: 05/11/21 11:20 Received: 05/11/21 13:00 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		05/12/21 21:00		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/12/21 21:00		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/12/21 21:00		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/12/21 21:00		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/12/21 21:00		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		05/12/21 21:00	460-00-4	
4-Bromofluorobenzene (PID) (S)	101	%	70-130		1		05/12/21 21:00	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	05/18/21 09:00	05/19/21 06:48	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/12/21 19:17	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/12/21 19:17	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/12/21 19:17	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/12/21 19:17	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/12/21 19:17	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/12/21 19:17	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/12/21 19:17	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/12/21 19:17	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/12/21 19:17	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/12/21 19:17	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/12/21 19:17	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/12/21 19:17	75-00-3	
Chloroform	8.3	ug/L	0.50	0.35	1		05/12/21 19:17	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/12/21 19:17	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/12/21 19:17	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/12/21 19:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/12/21 19:17	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/12/21 19:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/12/21 19:17	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/12/21 19:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/12/21 19:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/12/21 19:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/12/21 19:17	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/12/21 19:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/12/21 19:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/12/21 19:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/12/21 19:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/12/21 19:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/12/21 19:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/12/21 19:17	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538168

Sample: 13926B_HC_RD_20210511 Lab ID: 92538168001 Collected: 05/11/21 11:20 Received: 05/11/21 13:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/12/21 19:17	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/12/21 19:17	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/12/21 19:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/12/21 19:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/12/21 19:17	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/12/21 19:17	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/12/21 19:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/12/21 19:17	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/12/21 19:17	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/12/21 19:17	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/12/21 19:17	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/12/21 19:17	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/12/21 19:17	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/12/21 19:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/12/21 19:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/12/21 19:17	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/12/21 19:17	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/12/21 19:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/12/21 19:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/12/21 19:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/12/21 19:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/12/21 19:17	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/12/21 19:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/12/21 19:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/12/21 19:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/12/21 19:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/12/21 19:17	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/12/21 19:17	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/12/21 19:17	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/12/21 19:17	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		05/12/21 19:17	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		05/12/21 19:17	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		05/12/21 19:17	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92538168

QC Batch: 619972	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92538168001

METHOD BLANK: 3261756 Matrix: Water
Associated Lab Samples: 92538168001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/12/21 18:38	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/12/21 18:38	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/12/21 18:38	N2
4-Bromofluorobenzene (FID) (S)	%	100	70-130		05/12/21 18:38	
4-Bromofluorobenzene (PID) (S)	%	102	70-130		05/12/21 18:38	

LABORATORY CONTROL SAMPLE & LCSD: 3261757

LABORATORY CONTROL SAMPLE & LCSD: 3261757			3261758							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	326	313	109	104	70-130	4	25	N2
Aliphatic (C09-C12)	ug/L	300	339	354	113	118	70-130	4	25	N2
Aromatic (C09-C10)	ug/L	100	108	112	108	112	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				101	108	70-130			
4-Bromofluorobenzene (PID) (S)	%				100	106	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538168

QC Batch: 620486

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92538168001

METHOD BLANK: 3264610

Matrix: Water

Associated Lab Samples: 92538168001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	05/19/21 05:34	

LABORATORY CONTROL SAMPLE: 3264611

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	459	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3264612 3264613

Parameter	Units	92536715001 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	477	97	95	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92538168

QC Batch: 619856	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92538168001

METHOD BLANK: 3261107 Matrix: Water
Associated Lab Samples: 92538168001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/12/21 12:08	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/12/21 12:08	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/12/21 12:08	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/12/21 12:08	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/12/21 12:08	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/12/21 12:08	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/12/21 12:08	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/12/21 12:08	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/12/21 12:08	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/12/21 12:08	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/12/21 12:08	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/12/21 12:08	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/12/21 12:08	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/12/21 12:08	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/12/21 12:08	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/12/21 12:08	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/12/21 12:08	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/12/21 12:08	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/12/21 12:08	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/12/21 12:08	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/12/21 12:08	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/12/21 12:08	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/12/21 12:08	
Benzene	ug/L	ND	0.50	0.34	05/12/21 12:08	
Bromobenzene	ug/L	ND	0.50	0.29	05/12/21 12:08	
Bromochloromethane	ug/L	ND	0.50	0.47	05/12/21 12:08	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/12/21 12:08	
Bromoform	ug/L	ND	0.50	0.34	05/12/21 12:08	
Bromomethane	ug/L	ND	5.0	1.7	05/12/21 12:08	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/12/21 12:08	
Chlorobenzene	ug/L	ND	0.50	0.28	05/12/21 12:08	
Chloroethane	ug/L	ND	1.0	0.65	05/12/21 12:08	
Chloroform	ug/L	ND	0.50	0.35	05/12/21 12:08	
Chloromethane	ug/L	ND	1.0	0.54	05/12/21 12:08	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/12/21 12:08	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/12/21 12:08	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/12/21 12:08	
Dibromomethane	ug/L	ND	0.50	0.39	05/12/21 12:08	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/12/21 12:08	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/12/21 12:08	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92538168

METHOD BLANK: 3261107

Matrix: Water

Associated Lab Samples: 92538168001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/12/21 12:08	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/12/21 12:08	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/12/21 12:08	
m&p-Xylene	ug/L	ND	1.0	0.71	05/12/21 12:08	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/12/21 12:08	
Methylene Chloride	ug/L	ND	2.0	2.0	05/12/21 12:08	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/12/21 12:08	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/12/21 12:08	
Naphthalene	ug/L	ND	2.0	0.64	05/12/21 12:08	
o-Xylene	ug/L	ND	0.50	0.34	05/12/21 12:08	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/12/21 12:08	
Styrene	ug/L	ND	0.50	0.29	05/12/21 12:08	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/12/21 12:08	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/12/21 12:08	
Toluene	ug/L	ND	0.50	0.48	05/12/21 12:08	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/12/21 12:08	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/12/21 12:08	
Trichloroethene	ug/L	ND	0.50	0.38	05/12/21 12:08	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/12/21 12:08	
Vinyl chloride	ug/L	ND	1.0	0.39	05/12/21 12:08	
1,2-Dichloroethane-d4 (S)	%	96	70-130		05/12/21 12:08	
4-Bromofluorobenzene (S)	%	102	70-130		05/12/21 12:08	
Toluene-d8 (S)	%	102	70-130		05/12/21 12:08	

LABORATORY CONTROL SAMPLE: 3261108

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.8	98	60-140	
1,1,1-Trichloroethane	ug/L	50	51.3	103	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	44.7	89	60-140	
1,1,2-Trichloroethane	ug/L	50	51.1	102	60-140	
1,1-Dichloroethane	ug/L	50	49.0	98	60-140	
1,1-Dichloroethene	ug/L	50	51.8	104	60-140	
1,1-Dichloropropene	ug/L	50	52.9	106	60-140	
1,2,3-Trichlorobenzene	ug/L	50	47.0	94	60-140	
1,2,3-Trichloropropane	ug/L	50	44.8	90	60-140	
1,2,4-Trichlorobenzene	ug/L	50	47.8	96	60-140	
1,2,4-Trimethylbenzene	ug/L	50	44.1	88	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	45.0	90	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	48.3	97	60-140	
1,2-Dichlorobenzene	ug/L	50	46.0	92	60-140	
1,2-Dichloroethane	ug/L	50	51.3	103	60-140	
1,2-Dichloropropane	ug/L	50	51.0	102	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.0	90	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538168

LABORATORY CONTROL SAMPLE: 3261108

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	46.4	93	60-140	
1,3-Dichloropropane	ug/L	50	46.9	94	60-140	
1,4-Dichlorobenzene	ug/L	50	45.8	92	60-140	
2,2-Dichloropropane	ug/L	50	48.0	96	60-140	
2-Chlorotoluene	ug/L	50	45.9	92	60-140	
4-Chlorotoluene	ug/L	50	42.7	85	60-140	
Benzene	ug/L	50	50.1	100	60-140	
Bromobenzene	ug/L	50	45.8	92	60-140	
Bromochloromethane	ug/L	50	52.4	105	60-140	
Bromodichloromethane	ug/L	50	48.5	97	60-140	
Bromoform	ug/L	50	49.4	99	60-140	
Bromomethane	ug/L	50	63.2	126	60-140	
Carbon tetrachloride	ug/L	50	53.4	107	60-140	
Chlorobenzene	ug/L	50	48.0	96	60-140	
Chloroethane	ug/L	50	46.0	92	60-140	
Chloroform	ug/L	50	50.8	102	60-140	
Chloromethane	ug/L	50	52.8	106	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.5	101	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.7	99	60-140	
Dibromochloromethane	ug/L	50	49.2	98	60-140	
Dibromomethane	ug/L	50	52.0	104	60-140	
Dichlorodifluoromethane	ug/L	50	55.5	111	60-140	
Diisopropyl ether	ug/L	50	46.3	93	60-140	
Ethylbenzene	ug/L	50	46.9	94	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.2	96	60-140	
Isopropylbenzene (Cumene)	ug/L	50	47.7	95	60-140	
m&p-Xylene	ug/L	100	93.3	93	60-140	
Methyl-tert-butyl ether	ug/L	50	51.7	103	60-140	
Methylene Chloride	ug/L	50	49.7	99	60-140	
n-Butylbenzene	ug/L	50	44.3	89	60-140	
n-Propylbenzene	ug/L	50	45.0	90	60-140	
Naphthalene	ug/L	50	44.7	89	60-140	
o-Xylene	ug/L	50	46.7	93	60-140	
sec-Butylbenzene	ug/L	50	43.6	87	60-140	
Styrene	ug/L	50	48.6	97	60-140	
tert-Butylbenzene	ug/L	50	38.2	76	60-140	
Tetrachloroethene	ug/L	50	49.3	99	60-140	
Toluene	ug/L	50	48.2	96	60-140	
trans-1,2-Dichloroethene	ug/L	50	50.8	102	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.5	97	60-140	
Trichloroethene	ug/L	50	52.5	105	60-140	
Trichlorofluoromethane	ug/L	50	51.3	103	60-140	
Vinyl chloride	ug/L	50	51.4	103	60-140	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538168

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3261109					3261110								
Parameter	Units	92538175001	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.4	20.4	107	102	60-140	5	30	M1	
1,1,1-Trichloroethane	ug/L	ND	20	20	25.5	23.6	128	118	60-140	8	30		
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.1	19.0	100	95	60-140	6	30		
1,1,2-Trichloroethane	ug/L	ND	20	20	24.3	22.8	122	114	60-140	7	30		
1,1-Dichloroethane	ug/L	ND	20	20	25.0	23.0	125	115	60-140	8	30		
1,1-Dichloroethene	ug/L	ND	20	20	26.3	24.1	131	121	60-140	9	30		
1,1-Dichloropropene	ug/L	ND	20	20	25.6	23.9	128	119	60-140	7	30		
1,2,3-Trichlorobenzene	ug/L	ND	20	20	18.4	18.1	92	91	60-140	1	30		
1,2,3-Trichloropropane	ug/L	ND	20	20	20.8	19.9	104	99	60-140	5	30		
1,2,4-Trichlorobenzene	ug/L	ND	20	20	18.4	18.5	92	92	60-140	0	30		
1,2,4-Trimethylbenzene	ug/L	ND	20	20	18.7	18.2	94	91	60-140	3	30		
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.2	17.7	96	89	60-140	8	30		
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.1	20.0	111	100	60-140	10	30		
1,2-Dichlorobenzene	ug/L	ND	20	20	18.7	19.1	94	96	60-140	2	30		
1,2-Dichloroethane	ug/L	ND	20	20	24.8	23.3	124	117	60-140	6	30		
1,2-Dichloropropane	ug/L	ND	20	20	24.7	23.1	124	116	60-140	7	30		
1,3,5-Trimethylbenzene	ug/L	ND	20	20	19.3	18.8	96	94	60-140	2	30		
1,3-Dichlorobenzene	ug/L	ND	20	20	19.2	19.0	96	95	60-140	1	30		
1,3-Dichloropropane	ug/L	ND	20	20	22.1	20.7	111	103	60-140	7	30		
1,4-Dichlorobenzene	ug/L	ND	20	20	19.0	19.0	95	95	60-140	0	30		
2,2-Dichloropropane	ug/L	ND	20	20	24.0	22.2	120	111	60-140	8	30		
2-Chlorotoluene	ug/L	ND	20	20	19.1	18.8	95	94	60-140	1	30		
4-Chlorotoluene	ug/L	ND	20	20	18.6	17.9	93	90	60-140	4	30		
Benzene	ug/L	ND	20	20	24.6	23.0	123	115	60-140	6	30		
Bromobenzene	ug/L	ND	20	20	20.1	19.5	101	97	60-140	3	30		
Bromochloromethane	ug/L	ND	20	20	25.8	23.3	129	117	60-140	10	30		
Bromodichloromethane	ug/L	ND	20	20	22.9	21.4	114	107	60-140	7	30		
Bromoform	ug/L	ND	20	20	21.3	19.4	106	97	60-140	9	30		
Bromomethane	ug/L	ND	20	20	30.6	28.7	153	144	60-140	6	30		
Carbon tetrachloride	ug/L	ND	20	20	26.4	24.3	132	122	60-140	8	30		
Chlorobenzene	ug/L	ND	20	20	21.7	20.9	109	104	60-140	4	30		
Chloroethane	ug/L	ND	20	20	24.6	22.7	123	114	60-140	8	30		
Chloroform	ug/L	ND	20	20	25.3	23.4	125	116	60-140	8	30		
Chloromethane	ug/L	ND	20	20	25.6	23.1	128	115	60-140	10	30		
cis-1,2-Dichloroethene	ug/L	ND	20	20	24.8	22.9	124	115	60-140	8	30		
cis-1,3-Dichloropropene	ug/L	ND	20	20	22.8	21.4	114	107	60-140	6	30		
Dibromochloromethane	ug/L	ND	20	20	21.1	20.6	106	103	60-140	2	30		
Dibromomethane	ug/L	ND	20	20	23.1	22.8	115	114	60-140	1	30		
Dichlorodifluoromethane	ug/L	ND	20	20	26.1	23.5	130	118	60-140	10	30		
Diisopropyl ether	ug/L	ND	20	20	22.8	20.3	114	101	60-140	11	30		
Ethylbenzene	ug/L	ND	20	20	20.9	20.4	105	102	60-140	3	30		
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.1	20.6	100	103	60-140	3	30		
Isopropylbenzene (Cumene)	ug/L	ND	20	20	21.0	20.6	105	103	60-140	2	30		
m&p-Xylene	ug/L	ND	40	40	41.4	40.6	104	101	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538168

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3261109 3261110												
		92538175001	MS	MSD					% Rec		Max	
Parameter	Units	Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	Limits	RPD	RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	24.7	22.7	123	114	60-140	8	30	
Methylene Chloride	ug/L	ND	20	20	24.8	22.4	124	112	60-140	10	30	
n-Butylbenzene	ug/L	ND	20	20	18.4	18.1	92	91	60-140	1	30	
n-Propylbenzene	ug/L	ND	20	20	19.0	18.9	95	94	60-140	1	30	
Naphthalene	ug/L	ND	20	20	17.5	17.8	88	89	60-140	2	30	
o-Xylene	ug/L	ND	20	20	21.3	20.5	107	102	60-140	4	30	
sec-Butylbenzene	ug/L	ND	20	20	19.0	18.7	95	94	60-140	1	30	
Styrene	ug/L	ND	20	20	21.1	20.4	105	102	60-140	3	30	
tert-Butylbenzene	ug/L	ND	20	20	16.7	15.8	83	79	60-140	5	30	
Tetrachloroethene	ug/L	ND	20	20	22.1	21.0	111	105	60-140	5	30	
Toluene	ug/L	ND	20	20	22.9	21.7	115	109	60-140	5	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	25.4	23.0	127	115	60-140	10	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.9	20.1	109	101	60-140	8	30	
Trichloroethene	ug/L	ND	20	20	26.0	24.1	130	120	60-140	8	30	
Trichlorofluoromethane	ug/L	ND	20	20	26.4	24.1	132	120	60-140	9	30	
Vinyl chloride	ug/L	ND	20	20	25.4	23.5	127	117	60-140	8	30	
1,2-Dichloroethane-d4 (S)	%						100	94	70-130			
4-Bromofluorobenzene (S)	%						100	101	70-130			
Toluene-d8 (S)	%						101	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538168

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538168

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92538168001	13926B_HC_RD_20210511	MADEP VPH	619972		
92538168001	13926B_HC_RD_20210511	EPA 3010A	620486	EPA 6010D	621136
92538168001	13926B_HC_RD_20210511	SM 6200B	619856		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

May 19, 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.: 92538170

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on May 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 - 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
Robert Hughes, Colonial Pipeline
Margaret King, APEX Companies, LLC
Cameron Lee, Montrose-EPS
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538170

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538170

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92538170001	13926A_HC_RD_20210511	Water	05/11/21 11:50	05/11/21 13:00

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538170

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92538170001	13926A_HC_RD_20210511	MADEP VPH	LMB	7	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538170

Sample: 13926A_HC_RD_20210511 Lab ID: 92538170001 Collected: 05/11/21 11:50 Received: 05/11/21 13:00 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		05/12/21 21:28		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/12/21 21:28		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/12/21 21:28		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/12/21 21:28		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/12/21 21:28		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		05/12/21 21:28	460-00-4	
4-Bromofluorobenzene (PID) (S)	99	%	70-130		1		05/12/21 21:28	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	05/18/21 09:00	05/19/21 06:51	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/12/21 16:18	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/12/21 16:18	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/12/21 16:18	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/12/21 16:18	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/12/21 16:18	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/12/21 16:18	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/12/21 16:18	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/12/21 16:18	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/12/21 16:18	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/12/21 16:18	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/12/21 16:18	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/12/21 16:18	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/12/21 16:18	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/12/21 16:18	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/12/21 16:18	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/12/21 16:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/12/21 16:18	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/12/21 16:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/12/21 16:18	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/12/21 16:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/12/21 16:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/12/21 16:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/12/21 16:18	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/12/21 16:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/12/21 16:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/12/21 16:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/12/21 16:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/12/21 16:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/12/21 16:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/12/21 16:18	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538170

Sample: 13926A_HC_RD_20210511 Lab ID: 92538170001 Collected: 05/11/21 11:50 Received: 05/11/21 13:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/12/21 16:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/12/21 16:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/12/21 16:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/12/21 16:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/12/21 16:18	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/12/21 16:18	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/12/21 16:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/12/21 16:18	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/12/21 16:18	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/12/21 16:18	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/12/21 16:18	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/12/21 16:18	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/12/21 16:18	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/12/21 16:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/12/21 16:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/12/21 16:18	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/12/21 16:18	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/12/21 16:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/12/21 16:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/12/21 16:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/12/21 16:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/12/21 16:18	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/12/21 16:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/12/21 16:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/12/21 16:18	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/12/21 16:18	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/12/21 16:18	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/12/21 16:18	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/12/21 16:18	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/12/21 16:18	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		05/12/21 16:18	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		05/12/21 16:18	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/12/21 16:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92538170

QC Batch: 619972	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92538170001

METHOD BLANK: 3261756 Matrix: Water
Associated Lab Samples: 92538170001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/12/21 18:38	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/12/21 18:38	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/12/21 18:38	N2
4-Bromofluorobenzene (FID) (S)	%	100	70-130		05/12/21 18:38	
4-Bromofluorobenzene (PID) (S)	%	102	70-130		05/12/21 18:38	

LABORATORY CONTROL SAMPLE & LCSD: 3261757

LABORATORY CONTROL SAMPLE & LCSD: 3261757			3261758							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	326	313	109	104	70-130	4	25	N2
Aliphatic (C09-C12)	ug/L	300	339	354	113	118	70-130	4	25	N2
Aromatic (C09-C10)	ug/L	100	108	112	108	112	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				101	108	70-130			
4-Bromofluorobenzene (PID) (S)	%				100	106	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538170

QC Batch: 620486

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92538170001

METHOD BLANK: 3264610

Matrix: Water

Associated Lab Samples: 92538170001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	05/19/21 05:34	

LABORATORY CONTROL SAMPLE: 3264611

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	459	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3264612 3264613

Parameter	Units	92536715001 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	477	97	95	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92538170

QC Batch: 619856	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92538170001

METHOD BLANK: 3261107 Matrix: Water
Associated Lab Samples: 92538170001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/12/21 12:08	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/12/21 12:08	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/12/21 12:08	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/12/21 12:08	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/12/21 12:08	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/12/21 12:08	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/12/21 12:08	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/12/21 12:08	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/12/21 12:08	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/12/21 12:08	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/12/21 12:08	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/12/21 12:08	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/12/21 12:08	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/12/21 12:08	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/12/21 12:08	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/12/21 12:08	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/12/21 12:08	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/12/21 12:08	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/12/21 12:08	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/12/21 12:08	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/12/21 12:08	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/12/21 12:08	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/12/21 12:08	
Benzene	ug/L	ND	0.50	0.34	05/12/21 12:08	
Bromobenzene	ug/L	ND	0.50	0.29	05/12/21 12:08	
Bromochloromethane	ug/L	ND	0.50	0.47	05/12/21 12:08	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/12/21 12:08	
Bromoform	ug/L	ND	0.50	0.34	05/12/21 12:08	
Bromomethane	ug/L	ND	5.0	1.7	05/12/21 12:08	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/12/21 12:08	
Chlorobenzene	ug/L	ND	0.50	0.28	05/12/21 12:08	
Chloroethane	ug/L	ND	1.0	0.65	05/12/21 12:08	
Chloroform	ug/L	ND	0.50	0.35	05/12/21 12:08	
Chloromethane	ug/L	ND	1.0	0.54	05/12/21 12:08	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/12/21 12:08	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/12/21 12:08	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/12/21 12:08	
Dibromomethane	ug/L	ND	0.50	0.39	05/12/21 12:08	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/12/21 12:08	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/12/21 12:08	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92538170

METHOD BLANK: 3261107

Matrix: Water

Associated Lab Samples: 92538170001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/12/21 12:08	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/12/21 12:08	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/12/21 12:08	
m&p-Xylene	ug/L	ND	1.0	0.71	05/12/21 12:08	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/12/21 12:08	
Methylene Chloride	ug/L	ND	2.0	2.0	05/12/21 12:08	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/12/21 12:08	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/12/21 12:08	
Naphthalene	ug/L	ND	2.0	0.64	05/12/21 12:08	
o-Xylene	ug/L	ND	0.50	0.34	05/12/21 12:08	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/12/21 12:08	
Styrene	ug/L	ND	0.50	0.29	05/12/21 12:08	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/12/21 12:08	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/12/21 12:08	
Toluene	ug/L	ND	0.50	0.48	05/12/21 12:08	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/12/21 12:08	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/12/21 12:08	
Trichloroethene	ug/L	ND	0.50	0.38	05/12/21 12:08	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/12/21 12:08	
Vinyl chloride	ug/L	ND	1.0	0.39	05/12/21 12:08	
1,2-Dichloroethane-d4 (S)	%	96	70-130		05/12/21 12:08	
4-Bromofluorobenzene (S)	%	102	70-130		05/12/21 12:08	
Toluene-d8 (S)	%	102	70-130		05/12/21 12:08	

LABORATORY CONTROL SAMPLE: 3261108

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.8	98	60-140	
1,1,1-Trichloroethane	ug/L	50	51.3	103	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	44.7	89	60-140	
1,1,2-Trichloroethane	ug/L	50	51.1	102	60-140	
1,1-Dichloroethane	ug/L	50	49.0	98	60-140	
1,1-Dichloroethene	ug/L	50	51.8	104	60-140	
1,1-Dichloropropene	ug/L	50	52.9	106	60-140	
1,2,3-Trichlorobenzene	ug/L	50	47.0	94	60-140	
1,2,3-Trichloropropane	ug/L	50	44.8	90	60-140	
1,2,4-Trichlorobenzene	ug/L	50	47.8	96	60-140	
1,2,4-Trimethylbenzene	ug/L	50	44.1	88	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	45.0	90	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	48.3	97	60-140	
1,2-Dichlorobenzene	ug/L	50	46.0	92	60-140	
1,2-Dichloroethane	ug/L	50	51.3	103	60-140	
1,2-Dichloropropane	ug/L	50	51.0	102	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.0	90	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538170

LABORATORY CONTROL SAMPLE: 3261108

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	46.4	93	60-140	
1,3-Dichloropropane	ug/L	50	46.9	94	60-140	
1,4-Dichlorobenzene	ug/L	50	45.8	92	60-140	
2,2-Dichloropropane	ug/L	50	48.0	96	60-140	
2-Chlorotoluene	ug/L	50	45.9	92	60-140	
4-Chlorotoluene	ug/L	50	42.7	85	60-140	
Benzene	ug/L	50	50.1	100	60-140	
Bromobenzene	ug/L	50	45.8	92	60-140	
Bromochloromethane	ug/L	50	52.4	105	60-140	
Bromodichloromethane	ug/L	50	48.5	97	60-140	
Bromoform	ug/L	50	49.4	99	60-140	
Bromomethane	ug/L	50	63.2	126	60-140	
Carbon tetrachloride	ug/L	50	53.4	107	60-140	
Chlorobenzene	ug/L	50	48.0	96	60-140	
Chloroethane	ug/L	50	46.0	92	60-140	
Chloroform	ug/L	50	50.8	102	60-140	
Chloromethane	ug/L	50	52.8	106	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.5	101	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.7	99	60-140	
Dibromochloromethane	ug/L	50	49.2	98	60-140	
Dibromomethane	ug/L	50	52.0	104	60-140	
Dichlorodifluoromethane	ug/L	50	55.5	111	60-140	
Diisopropyl ether	ug/L	50	46.3	93	60-140	
Ethylbenzene	ug/L	50	46.9	94	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.2	96	60-140	
Isopropylbenzene (Cumene)	ug/L	50	47.7	95	60-140	
m&p-Xylene	ug/L	100	93.3	93	60-140	
Methyl-tert-butyl ether	ug/L	50	51.7	103	60-140	
Methylene Chloride	ug/L	50	49.7	99	60-140	
n-Butylbenzene	ug/L	50	44.3	89	60-140	
n-Propylbenzene	ug/L	50	45.0	90	60-140	
Naphthalene	ug/L	50	44.7	89	60-140	
o-Xylene	ug/L	50	46.7	93	60-140	
sec-Butylbenzene	ug/L	50	43.6	87	60-140	
Styrene	ug/L	50	48.6	97	60-140	
tert-Butylbenzene	ug/L	50	38.2	76	60-140	
Tetrachloroethene	ug/L	50	49.3	99	60-140	
Toluene	ug/L	50	48.2	96	60-140	
trans-1,2-Dichloroethene	ug/L	50	50.8	102	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.5	97	60-140	
Trichloroethene	ug/L	50	52.5	105	60-140	
Trichlorofluoromethane	ug/L	50	51.3	103	60-140	
Vinyl chloride	ug/L	50	51.4	103	60-140	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538170

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3261109 3261110											
Parameter	Units	92538175001		MS	MSD	3261110		MS	MSD	% Rec	Max
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	RPD
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20	21.4	20.4	107	102	60-140	5
1,1,1-Trichloroethane	ug/L	ND	20	20	20	25.5	23.6	128	118	60-140	8
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20	20.1	19.0	100	95	60-140	6
1,1,2-Trichloroethane	ug/L	ND	20	20	20	24.3	22.8	122	114	60-140	7
1,1-Dichloroethane	ug/L	ND	20	20	20	25.0	23.0	125	115	60-140	8
1,1-Dichloroethene	ug/L	ND	20	20	20	26.3	24.1	131	121	60-140	9
1,1-Dichloropropene	ug/L	ND	20	20	20	25.6	23.9	128	119	60-140	7
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20	18.4	18.1	92	91	60-140	1
1,2,3-Trichloropropane	ug/L	ND	20	20	20	20.8	19.9	104	99	60-140	5
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20	18.4	18.5	92	92	60-140	0
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20	18.7	18.2	94	91	60-140	3
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20	19.2	17.7	96	89	60-140	8
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20	22.1	20.0	111	100	60-140	10
1,2-Dichlorobenzene	ug/L	ND	20	20	20	18.7	19.1	94	96	60-140	2
1,2-Dichloroethane	ug/L	ND	20	20	20	24.8	23.3	124	117	60-140	6
1,2-Dichloropropane	ug/L	ND	20	20	20	24.7	23.1	124	116	60-140	7
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20	19.3	18.8	96	94	60-140	2
1,3-Dichlorobenzene	ug/L	ND	20	20	20	19.2	19.0	96	95	60-140	1
1,3-Dichloropropane	ug/L	ND	20	20	20	22.1	20.7	111	103	60-140	7
1,4-Dichlorobenzene	ug/L	ND	20	20	20	19.0	19.0	95	95	60-140	0
2,2-Dichloropropane	ug/L	ND	20	20	20	24.0	22.2	120	111	60-140	8
2-Chlorotoluene	ug/L	ND	20	20	20	19.1	18.8	95	94	60-140	1
4-Chlorotoluene	ug/L	ND	20	20	20	18.6	17.9	93	90	60-140	4
Benzene	ug/L	ND	20	20	20	24.6	23.0	123	115	60-140	6
Bromobenzene	ug/L	ND	20	20	20	20.1	19.5	101	97	60-140	3
Bromochloromethane	ug/L	ND	20	20	20	25.8	23.3	129	117	60-140	10
Bromodichloromethane	ug/L	ND	20	20	20	22.9	21.4	114	107	60-140	7
Bromoform	ug/L	ND	20	20	20	21.3	19.4	106	97	60-140	9
Bromomethane	ug/L	ND	20	20	20	30.6	28.7	153	144	60-140	6
Carbon tetrachloride	ug/L	ND	20	20	20	26.4	24.3	132	122	60-140	8
Chlorobenzene	ug/L	ND	20	20	20	21.7	20.9	109	104	60-140	4
Chloroethane	ug/L	ND	20	20	20	24.6	22.7	123	114	60-140	8
Chloroform	ug/L	ND	20	20	20	25.3	23.4	125	116	60-140	8
Chloromethane	ug/L	ND	20	20	20	25.6	23.1	128	115	60-140	10
cis-1,2-Dichloroethene	ug/L	ND	20	20	20	24.8	22.9	124	115	60-140	8
cis-1,3-Dichloropropene	ug/L	ND	20	20	20	22.8	21.4	114	107	60-140	6
Dibromochloromethane	ug/L	ND	20	20	20	21.1	20.6	106	103	60-140	2
Dibromomethane	ug/L	ND	20	20	20	23.1	22.8	115	114	60-140	1
Dichlorodifluoromethane	ug/L	ND	20	20	20	26.1	23.5	130	118	60-140	10
Diisopropyl ether	ug/L	ND	20	20	20	22.8	20.3	114	101	60-140	11
Ethylbenzene	ug/L	ND	20	20	20	20.9	20.4	105	102	60-140	3
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20	20.1	20.6	100	103	60-140	3
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20	21.0	20.6	105	103	60-140	2
m&p-Xylene	ug/L	ND	40	40	40	41.4	40.6	104	101	60-140	2

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538170

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3261109 3261110													
Parameter	Units	92538175001	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
Methyl-tert-butyl ether	ug/L	ND	20	20	24.7	22.7	123	114	60-140	8	30		
Methylene Chloride	ug/L	ND	20	20	24.8	22.4	124	112	60-140	10	30		
n-Butylbenzene	ug/L	ND	20	20	18.4	18.1	92	91	60-140	1	30		
n-Propylbenzene	ug/L	ND	20	20	19.0	18.9	95	94	60-140	1	30		
Naphthalene	ug/L	ND	20	20	17.5	17.8	88	89	60-140	2	30		
o-Xylene	ug/L	ND	20	20	21.3	20.5	107	102	60-140	4	30		
sec-Butylbenzene	ug/L	ND	20	20	19.0	18.7	95	94	60-140	1	30		
Styrene	ug/L	ND	20	20	21.1	20.4	105	102	60-140	3	30		
tert-Butylbenzene	ug/L	ND	20	20	16.7	15.8	83	79	60-140	5	30		
Tetrachloroethene	ug/L	ND	20	20	22.1	21.0	111	105	60-140	5	30		
Toluene	ug/L	ND	20	20	22.9	21.7	115	109	60-140	5	30		
trans-1,2-Dichloroethene	ug/L	ND	20	20	25.4	23.0	127	115	60-140	10	30		
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.9	20.1	109	101	60-140	8	30		
Trichloroethene	ug/L	ND	20	20	26.0	24.1	130	120	60-140	8	30		
Trichlorofluoromethane	ug/L	ND	20	20	26.4	24.1	132	120	60-140	9	30		
Vinyl chloride	ug/L	ND	20	20	25.4	23.5	127	117	60-140	8	30		
1,2-Dichloroethane-d4 (S)	%						100	94	70-130				
4-Bromofluorobenzene (S)	%						100	101	70-130				
Toluene-d8 (S)	%						101	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538170

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538170

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92538170001	13926A_HC_RD_20210511	MADEP VPH	619972		
92538170001	13926A_HC_RD_20210511	EPA 3010A	620486	EPA 6010D	621136
92538170001	13926A_HC_RD_20210511	SM 6200B	619856		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

May 19, 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.: 92538171

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on May 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 - 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
Robert Hughes, Colonial Pipeline
Margaret King, APEX Companies, LLC
Cameron Lee, Montrose-EPS
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538171

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538171

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92538171001	13800_HC_RD_20210511	Water	05/11/21 08:00	05/11/21 13:00

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538171

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92538171001	13800_HC_RD_20210511	MADEP VPH	LMB	7	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538171

Sample: 13800_HC_RD_20210511 Lab ID: 92538171001 Collected: 05/11/21 08:00 Received: 05/11/21 13:00 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		05/12/21 21:57		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/12/21 21:57		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/12/21 21:57		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/12/21 21:57		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/12/21 21:57		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130		1		05/12/21 21:57	460-00-4	
4-Bromofluorobenzene (PID) (S)	98	%	70-130		1		05/12/21 21:57	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	05/18/21 09:00	05/19/21 06:54	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/12/21 16:36	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/12/21 16:36	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/12/21 16:36	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/12/21 16:36	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/12/21 16:36	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/12/21 16:36	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/12/21 16:36	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/12/21 16:36	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/12/21 16:36	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/12/21 16:36	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/12/21 16:36	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/12/21 16:36	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/12/21 16:36	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/12/21 16:36	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/12/21 16:36	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/12/21 16:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/12/21 16:36	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/12/21 16:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/12/21 16:36	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/12/21 16:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/12/21 16:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/12/21 16:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/12/21 16:36	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/12/21 16:36	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/12/21 16:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/12/21 16:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/12/21 16:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/12/21 16:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/12/21 16:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/12/21 16:36	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538171

Sample: 13800_HC_RD_20210511 Lab ID: 92538171001 Collected: 05/11/21 08:00 Received: 05/11/21 13:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/12/21 16:36	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/12/21 16:36	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/12/21 16:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/12/21 16:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/12/21 16:36	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/12/21 16:36	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/12/21 16:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/12/21 16:36	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/12/21 16:36	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/12/21 16:36	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/12/21 16:36	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/12/21 16:36	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/12/21 16:36	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/12/21 16:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/12/21 16:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/12/21 16:36	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/12/21 16:36	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/12/21 16:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/12/21 16:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/12/21 16:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/12/21 16:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/12/21 16:36	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/12/21 16:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/12/21 16:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/12/21 16:36	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/12/21 16:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/12/21 16:36	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/12/21 16:36	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/12/21 16:36	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/12/21 16:36	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		05/12/21 16:36	17060-07-0	
4-Bromofluorobenzene (S)	102	%	70-130		1		05/12/21 16:36	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/12/21 16:36	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92538171

QC Batch: 619972	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92538171001

METHOD BLANK: 3261756 Matrix: Water
Associated Lab Samples: 92538171001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/12/21 18:38	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/12/21 18:38	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/12/21 18:38	N2
4-Bromofluorobenzene (FID) (S)	%	100	70-130		05/12/21 18:38	
4-Bromofluorobenzene (PID) (S)	%	102	70-130		05/12/21 18:38	

LABORATORY CONTROL SAMPLE & LCSD: 3261757

LABORATORY CONTROL SAMPLE & LCSD: 3261757			3261758							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	326	313	109	104	70-130	4	25	N2
Aliphatic (C09-C12)	ug/L	300	339	354	113	118	70-130	4	25	N2
Aromatic (C09-C10)	ug/L	100	108	112	108	112	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				101	108	70-130			
4-Bromofluorobenzene (PID) (S)	%				100	106	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92538171

QC Batch: 620486	Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A	Analysis Description: 6010 MET
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92538171001

METHOD BLANK: 3264610 Matrix: Water
Associated Lab Samples: 92538171001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	05/19/21 05:34	

LABORATORY CONTROL SAMPLE: 3264611

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	459	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3264612 3264613

Parameter	Units	92536715001 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	477	97	95	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92538171

QC Batch: 619856	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92538171001

METHOD BLANK: 3261107 Matrix: Water
Associated Lab Samples: 92538171001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/12/21 12:08	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/12/21 12:08	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/12/21 12:08	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/12/21 12:08	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/12/21 12:08	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/12/21 12:08	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/12/21 12:08	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/12/21 12:08	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/12/21 12:08	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/12/21 12:08	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/12/21 12:08	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/12/21 12:08	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/12/21 12:08	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/12/21 12:08	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/12/21 12:08	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/12/21 12:08	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/12/21 12:08	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/12/21 12:08	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/12/21 12:08	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/12/21 12:08	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/12/21 12:08	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/12/21 12:08	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/12/21 12:08	
Benzene	ug/L	ND	0.50	0.34	05/12/21 12:08	
Bromobenzene	ug/L	ND	0.50	0.29	05/12/21 12:08	
Bromochloromethane	ug/L	ND	0.50	0.47	05/12/21 12:08	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/12/21 12:08	
Bromoform	ug/L	ND	0.50	0.34	05/12/21 12:08	
Bromomethane	ug/L	ND	5.0	1.7	05/12/21 12:08	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/12/21 12:08	
Chlorobenzene	ug/L	ND	0.50	0.28	05/12/21 12:08	
Chloroethane	ug/L	ND	1.0	0.65	05/12/21 12:08	
Chloroform	ug/L	ND	0.50	0.35	05/12/21 12:08	
Chloromethane	ug/L	ND	1.0	0.54	05/12/21 12:08	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/12/21 12:08	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/12/21 12:08	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/12/21 12:08	
Dibromomethane	ug/L	ND	0.50	0.39	05/12/21 12:08	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/12/21 12:08	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/12/21 12:08	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538171

METHOD BLANK: 3261107

Matrix: Water

Associated Lab Samples: 92538171001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/12/21 12:08	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/12/21 12:08	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/12/21 12:08	
m&p-Xylene	ug/L	ND	1.0	0.71	05/12/21 12:08	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/12/21 12:08	
Methylene Chloride	ug/L	ND	2.0	2.0	05/12/21 12:08	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/12/21 12:08	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/12/21 12:08	
Naphthalene	ug/L	ND	2.0	0.64	05/12/21 12:08	
o-Xylene	ug/L	ND	0.50	0.34	05/12/21 12:08	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/12/21 12:08	
Styrene	ug/L	ND	0.50	0.29	05/12/21 12:08	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/12/21 12:08	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/12/21 12:08	
Toluene	ug/L	ND	0.50	0.48	05/12/21 12:08	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/12/21 12:08	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/12/21 12:08	
Trichloroethene	ug/L	ND	0.50	0.38	05/12/21 12:08	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/12/21 12:08	
Vinyl chloride	ug/L	ND	1.0	0.39	05/12/21 12:08	
1,2-Dichloroethane-d4 (S)	%	96	70-130		05/12/21 12:08	
4-Bromofluorobenzene (S)	%	102	70-130		05/12/21 12:08	
Toluene-d8 (S)	%	102	70-130		05/12/21 12:08	

LABORATORY CONTROL SAMPLE: 3261108

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.8	98	60-140	
1,1,1-Trichloroethane	ug/L	50	51.3	103	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	44.7	89	60-140	
1,1,2-Trichloroethane	ug/L	50	51.1	102	60-140	
1,1-Dichloroethane	ug/L	50	49.0	98	60-140	
1,1-Dichloroethene	ug/L	50	51.8	104	60-140	
1,1-Dichloropropene	ug/L	50	52.9	106	60-140	
1,2,3-Trichlorobenzene	ug/L	50	47.0	94	60-140	
1,2,3-Trichloropropane	ug/L	50	44.8	90	60-140	
1,2,4-Trichlorobenzene	ug/L	50	47.8	96	60-140	
1,2,4-Trimethylbenzene	ug/L	50	44.1	88	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	45.0	90	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	48.3	97	60-140	
1,2-Dichlorobenzene	ug/L	50	46.0	92	60-140	
1,2-Dichloroethane	ug/L	50	51.3	103	60-140	
1,2-Dichloropropane	ug/L	50	51.0	102	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.0	90	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538171

LABORATORY CONTROL SAMPLE: 3261108

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	46.4	93	60-140	
1,3-Dichloropropane	ug/L	50	46.9	94	60-140	
1,4-Dichlorobenzene	ug/L	50	45.8	92	60-140	
2,2-Dichloropropane	ug/L	50	48.0	96	60-140	
2-Chlorotoluene	ug/L	50	45.9	92	60-140	
4-Chlorotoluene	ug/L	50	42.7	85	60-140	
Benzene	ug/L	50	50.1	100	60-140	
Bromobenzene	ug/L	50	45.8	92	60-140	
Bromochloromethane	ug/L	50	52.4	105	60-140	
Bromodichloromethane	ug/L	50	48.5	97	60-140	
Bromoform	ug/L	50	49.4	99	60-140	
Bromomethane	ug/L	50	63.2	126	60-140	
Carbon tetrachloride	ug/L	50	53.4	107	60-140	
Chlorobenzene	ug/L	50	48.0	96	60-140	
Chloroethane	ug/L	50	46.0	92	60-140	
Chloroform	ug/L	50	50.8	102	60-140	
Chloromethane	ug/L	50	52.8	106	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.5	101	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.7	99	60-140	
Dibromochloromethane	ug/L	50	49.2	98	60-140	
Dibromomethane	ug/L	50	52.0	104	60-140	
Dichlorodifluoromethane	ug/L	50	55.5	111	60-140	
Diisopropyl ether	ug/L	50	46.3	93	60-140	
Ethylbenzene	ug/L	50	46.9	94	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.2	96	60-140	
Isopropylbenzene (Cumene)	ug/L	50	47.7	95	60-140	
m&p-Xylene	ug/L	100	93.3	93	60-140	
Methyl-tert-butyl ether	ug/L	50	51.7	103	60-140	
Methylene Chloride	ug/L	50	49.7	99	60-140	
n-Butylbenzene	ug/L	50	44.3	89	60-140	
n-Propylbenzene	ug/L	50	45.0	90	60-140	
Naphthalene	ug/L	50	44.7	89	60-140	
o-Xylene	ug/L	50	46.7	93	60-140	
sec-Butylbenzene	ug/L	50	43.6	87	60-140	
Styrene	ug/L	50	48.6	97	60-140	
tert-Butylbenzene	ug/L	50	38.2	76	60-140	
Tetrachloroethene	ug/L	50	49.3	99	60-140	
Toluene	ug/L	50	48.2	96	60-140	
trans-1,2-Dichloroethene	ug/L	50	50.8	102	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.5	97	60-140	
Trichloroethene	ug/L	50	52.5	105	60-140	
Trichlorofluoromethane	ug/L	50	51.3	103	60-140	
Vinyl chloride	ug/L	50	51.4	103	60-140	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538171

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3261109	3261110									
Parameter	Units	92538175001	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.4	20.4	107	102	60-140	5	30		
1,1,1-Trichloroethane	ug/L	ND	20	20	25.5	23.6	128	118	60-140	8	30		
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.1	19.0	100	95	60-140	6	30		
1,1,2-Trichloroethane	ug/L	ND	20	20	24.3	22.8	122	114	60-140	7	30		
1,1-Dichloroethane	ug/L	ND	20	20	25.0	23.0	125	115	60-140	8	30		
1,1-Dichloroethene	ug/L	ND	20	20	26.3	24.1	131	121	60-140	9	30		
1,1-Dichloropropene	ug/L	ND	20	20	25.6	23.9	128	119	60-140	7	30		
1,2,3-Trichlorobenzene	ug/L	ND	20	20	18.4	18.1	92	91	60-140	1	30		
1,2,3-Trichloropropane	ug/L	ND	20	20	20.8	19.9	104	99	60-140	5	30		
1,2,4-Trichlorobenzene	ug/L	ND	20	20	18.4	18.5	92	92	60-140	0	30		
1,2,4-Trimethylbenzene	ug/L	ND	20	20	18.7	18.2	94	91	60-140	3	30		
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.2	17.7	96	89	60-140	8	30		
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.1	20.0	111	100	60-140	10	30		
1,2-Dichlorobenzene	ug/L	ND	20	20	18.7	19.1	94	96	60-140	2	30		
1,2-Dichloroethane	ug/L	ND	20	20	24.8	23.3	124	117	60-140	6	30		
1,2-Dichloropropane	ug/L	ND	20	20	24.7	23.1	124	116	60-140	7	30		
1,3,5-Trimethylbenzene	ug/L	ND	20	20	19.3	18.8	96	94	60-140	2	30		
1,3-Dichlorobenzene	ug/L	ND	20	20	19.2	19.0	96	95	60-140	1	30		
1,3-Dichloropropane	ug/L	ND	20	20	22.1	20.7	111	103	60-140	7	30		
1,4-Dichlorobenzene	ug/L	ND	20	20	19.0	19.0	95	95	60-140	0	30		
2,2-Dichloropropane	ug/L	ND	20	20	24.0	22.2	120	111	60-140	8	30		
2-Chlorotoluene	ug/L	ND	20	20	19.1	18.8	95	94	60-140	1	30		
4-Chlorotoluene	ug/L	ND	20	20	18.6	17.9	93	90	60-140	4	30		
Benzene	ug/L	ND	20	20	24.6	23.0	123	115	60-140	6	30		
Bromobenzene	ug/L	ND	20	20	20.1	19.5	101	97	60-140	3	30		
Bromochloromethane	ug/L	ND	20	20	25.8	23.3	129	117	60-140	10	30		
Bromodichloromethane	ug/L	ND	20	20	22.9	21.4	114	107	60-140	7	30		
Bromoform	ug/L	ND	20	20	21.3	19.4	106	97	60-140	9	30		
Bromomethane	ug/L	ND	20	20	30.6	28.7	153	144	60-140	6	30	M1	
Carbon tetrachloride	ug/L	ND	20	20	26.4	24.3	132	122	60-140	8	30		
Chlorobenzene	ug/L	ND	20	20	21.7	20.9	109	104	60-140	4	30		
Chloroethane	ug/L	ND	20	20	24.6	22.7	123	114	60-140	8	30		
Chloroform	ug/L	ND	20	20	25.3	23.4	125	116	60-140	8	30		
Chloromethane	ug/L	ND	20	20	25.6	23.1	128	115	60-140	10	30		
cis-1,2-Dichloroethene	ug/L	ND	20	20	24.8	22.9	124	115	60-140	8	30		
cis-1,3-Dichloropropene	ug/L	ND	20	20	22.8	21.4	114	107	60-140	6	30		
Dibromochloromethane	ug/L	ND	20	20	21.1	20.6	106	103	60-140	2	30		
Dibromomethane	ug/L	ND	20	20	23.1	22.8	115	114	60-140	1	30		
Dichlorodifluoromethane	ug/L	ND	20	20	26.1	23.5	130	118	60-140	10	30		
Diisopropyl ether	ug/L	ND	20	20	22.8	20.3	114	101	60-140	11	30		
Ethylbenzene	ug/L	ND	20	20	20.9	20.4	105	102	60-140	3	30		
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.1	20.6	100	103	60-140	3	30		
Isopropylbenzene (Cumene)	ug/L	ND	20	20	21.0	20.6	105	103	60-140	2	30		
m&p-Xylene	ug/L	ND	40	40	41.4	40.6	104	101	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538171

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3261109 3261110											
Parameter	Units	92538175001		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	24.7	22.7	123	114	60-140	8 30
Methylene Chloride	ug/L	ND	20	20	20	24.8	22.4	124	112	60-140	10 30
n-Butylbenzene	ug/L	ND	20	20	20	18.4	18.1	92	91	60-140	1 30
n-Propylbenzene	ug/L	ND	20	20	20	19.0	18.9	95	94	60-140	1 30
Naphthalene	ug/L	ND	20	20	20	17.5	17.8	88	89	60-140	2 30
o-Xylene	ug/L	ND	20	20	20	21.3	20.5	107	102	60-140	4 30
sec-Butylbenzene	ug/L	ND	20	20	20	19.0	18.7	95	94	60-140	1 30
Styrene	ug/L	ND	20	20	20	21.1	20.4	105	102	60-140	3 30
tert-Butylbenzene	ug/L	ND	20	20	20	16.7	15.8	83	79	60-140	5 30
Tetrachloroethene	ug/L	ND	20	20	20	22.1	21.0	111	105	60-140	5 30
Toluene	ug/L	ND	20	20	20	22.9	21.7	115	109	60-140	5 30
trans-1,2-Dichloroethene	ug/L	ND	20	20	20	25.4	23.0	127	115	60-140	10 30
trans-1,3-Dichloropropene	ug/L	ND	20	20	20	21.9	20.1	109	101	60-140	8 30
Trichloroethene	ug/L	ND	20	20	20	26.0	24.1	130	120	60-140	8 30
Trichlorofluoromethane	ug/L	ND	20	20	20	26.4	24.1	132	120	60-140	9 30
Vinyl chloride	ug/L	ND	20	20	20	25.4	23.5	127	117	60-140	8 30
1,2-Dichloroethane-d4 (S)	%							100	94	70-130	
4-Bromofluorobenzene (S)	%							100	101	70-130	
Toluene-d8 (S)	%							101	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538171

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538171

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92538171001	13800_HC_RD_20210511	MADEP VPH	619972		
92538171001	13800_HC_RD_20210511	EPA 3010A	620486	EPA 6010D	621136
92538171001	13800_HC_RD_20210511	SM 6200B	619856		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

May 19, 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.: 92538174

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on May 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 - 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
Robert Hughes, Colonial Pipeline
Margaret King, APEX Companies, LLC
Cameron Lee, Montrose-EPS
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538174

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538174

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92538174001	14226_HC_RD_20210511	Water	05/11/21 08:50	05/11/21 13:00

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538174

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92538174001	14226_HC_RD_20210511	MADEP VPH	LMB	7	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538174

Sample: 14226_HC_RD_20210511 Lab ID: 92538174001 Collected: 05/11/21 08:50 Received: 05/11/21 13:00 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		05/12/21 22:25		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/12/21 22:25		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/12/21 22:25		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/12/21 22:25		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/12/21 22:25		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		05/12/21 22:25	460-00-4	
4-Bromofluorobenzene (PID) (S)	100	%	70-130		1		05/12/21 22:25	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	05/18/21 09:00	05/19/21 06:57	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/12/21 19:35	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/12/21 19:35	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/12/21 19:35	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/12/21 19:35	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/12/21 19:35	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/12/21 19:35	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/12/21 19:35	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/12/21 19:35	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/12/21 19:35	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/12/21 19:35	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/12/21 19:35	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/12/21 19:35	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/12/21 19:35	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/12/21 19:35	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/12/21 19:35	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/12/21 19:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/12/21 19:35	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/12/21 19:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/12/21 19:35	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/12/21 19:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/12/21 19:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/12/21 19:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/12/21 19:35	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/12/21 19:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/12/21 19:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/12/21 19:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/12/21 19:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/12/21 19:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/12/21 19:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/12/21 19:35	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538174

Sample: 14226_HC_RD_20210511 **Lab ID:** 92538174001 **Collected:** 05/11/21 08:50 **Received:** 05/11/21 13:00 **Matrix:** Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/12/21 19:35	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/12/21 19:35	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/12/21 19:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/12/21 19:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/12/21 19:35	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/12/21 19:35	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/12/21 19:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/12/21 19:35	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/12/21 19:35	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/12/21 19:35	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/12/21 19:35	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/12/21 19:35	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/12/21 19:35	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/12/21 19:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/12/21 19:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/12/21 19:35	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/12/21 19:35	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/12/21 19:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/12/21 19:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/12/21 19:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/12/21 19:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/12/21 19:35	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/12/21 19:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/12/21 19:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/12/21 19:35	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/12/21 19:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/12/21 19:35	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/12/21 19:35	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/12/21 19:35	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/12/21 19:35	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		05/12/21 19:35	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		05/12/21 19:35	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		05/12/21 19:35	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92538174

QC Batch: 619972	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92538174001

METHOD BLANK: 3261756 Matrix: Water

Associated Lab Samples: 92538174001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/12/21 18:38	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/12/21 18:38	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/12/21 18:38	N2
4-Bromofluorobenzene (FID) (S)	%	100	70-130		05/12/21 18:38	
4-Bromofluorobenzene (PID) (S)	%	102	70-130		05/12/21 18:38	

LABORATORY CONTROL SAMPLE & LCSD: 3261757

LABORATORY CONTROL SAMPLE & LCSD: 3261757			3261758							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	326	313	109	104	70-130	4	25	N2
Aliphatic (C09-C12)	ug/L	300	339	354	113	118	70-130	4	25	N2
Aromatic (C09-C10)	ug/L	100	108	112	108	112	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				101	108	70-130			
4-Bromofluorobenzene (PID) (S)	%				100	106	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538174

QC Batch: 620486

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92538174001

METHOD BLANK: 3264610

Matrix: Water

Associated Lab Samples: 92538174001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	05/19/21 05:34	

LABORATORY CONTROL SAMPLE: 3264611

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	459	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3264612 3264613

Parameter	Units	92536715001 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	477	97	95	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92538174

QC Batch: 619856	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92538174001

METHOD BLANK: 3261107 Matrix: Water

Associated Lab Samples: 92538174001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/12/21 12:08	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/12/21 12:08	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/12/21 12:08	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/12/21 12:08	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/12/21 12:08	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/12/21 12:08	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/12/21 12:08	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/12/21 12:08	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/12/21 12:08	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/12/21 12:08	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/12/21 12:08	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/12/21 12:08	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/12/21 12:08	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/12/21 12:08	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/12/21 12:08	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/12/21 12:08	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/12/21 12:08	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/12/21 12:08	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/12/21 12:08	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/12/21 12:08	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/12/21 12:08	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/12/21 12:08	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/12/21 12:08	
Benzene	ug/L	ND	0.50	0.34	05/12/21 12:08	
Bromobenzene	ug/L	ND	0.50	0.29	05/12/21 12:08	
Bromochloromethane	ug/L	ND	0.50	0.47	05/12/21 12:08	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/12/21 12:08	
Bromoform	ug/L	ND	0.50	0.34	05/12/21 12:08	
Bromomethane	ug/L	ND	5.0	1.7	05/12/21 12:08	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/12/21 12:08	
Chlorobenzene	ug/L	ND	0.50	0.28	05/12/21 12:08	
Chloroethane	ug/L	ND	1.0	0.65	05/12/21 12:08	
Chloroform	ug/L	ND	0.50	0.35	05/12/21 12:08	
Chloromethane	ug/L	ND	1.0	0.54	05/12/21 12:08	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/12/21 12:08	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/12/21 12:08	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/12/21 12:08	
Dibromomethane	ug/L	ND	0.50	0.39	05/12/21 12:08	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/12/21 12:08	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/12/21 12:08	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538174

METHOD BLANK: 3261107

Matrix: Water

Associated Lab Samples: 92538174001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/12/21 12:08	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/12/21 12:08	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/12/21 12:08	
m&p-Xylene	ug/L	ND	1.0	0.71	05/12/21 12:08	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/12/21 12:08	
Methylene Chloride	ug/L	ND	2.0	2.0	05/12/21 12:08	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/12/21 12:08	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/12/21 12:08	
Naphthalene	ug/L	ND	2.0	0.64	05/12/21 12:08	
o-Xylene	ug/L	ND	0.50	0.34	05/12/21 12:08	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/12/21 12:08	
Styrene	ug/L	ND	0.50	0.29	05/12/21 12:08	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/12/21 12:08	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/12/21 12:08	
Toluene	ug/L	ND	0.50	0.48	05/12/21 12:08	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/12/21 12:08	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/12/21 12:08	
Trichloroethene	ug/L	ND	0.50	0.38	05/12/21 12:08	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/12/21 12:08	
Vinyl chloride	ug/L	ND	1.0	0.39	05/12/21 12:08	
1,2-Dichloroethane-d4 (S)	%	96	70-130		05/12/21 12:08	
4-Bromofluorobenzene (S)	%	102	70-130		05/12/21 12:08	
Toluene-d8 (S)	%	102	70-130		05/12/21 12:08	

LABORATORY CONTROL SAMPLE: 3261108

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.8	98	60-140	
1,1,1-Trichloroethane	ug/L	50	51.3	103	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	44.7	89	60-140	
1,1,2-Trichloroethane	ug/L	50	51.1	102	60-140	
1,1-Dichloroethane	ug/L	50	49.0	98	60-140	
1,1-Dichloroethene	ug/L	50	51.8	104	60-140	
1,1-Dichloropropene	ug/L	50	52.9	106	60-140	
1,2,3-Trichlorobenzene	ug/L	50	47.0	94	60-140	
1,2,3-Trichloropropane	ug/L	50	44.8	90	60-140	
1,2,4-Trichlorobenzene	ug/L	50	47.8	96	60-140	
1,2,4-Trimethylbenzene	ug/L	50	44.1	88	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	45.0	90	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	48.3	97	60-140	
1,2-Dichlorobenzene	ug/L	50	46.0	92	60-140	
1,2-Dichloroethane	ug/L	50	51.3	103	60-140	
1,2-Dichloropropane	ug/L	50	51.0	102	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.0	90	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538174

LABORATORY CONTROL SAMPLE: 3261108

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	46.4	93	60-140	
1,3-Dichloropropane	ug/L	50	46.9	94	60-140	
1,4-Dichlorobenzene	ug/L	50	45.8	92	60-140	
2,2-Dichloropropane	ug/L	50	48.0	96	60-140	
2-Chlorotoluene	ug/L	50	45.9	92	60-140	
4-Chlorotoluene	ug/L	50	42.7	85	60-140	
Benzene	ug/L	50	50.1	100	60-140	
Bromobenzene	ug/L	50	45.8	92	60-140	
Bromochloromethane	ug/L	50	52.4	105	60-140	
Bromodichloromethane	ug/L	50	48.5	97	60-140	
Bromoform	ug/L	50	49.4	99	60-140	
Bromomethane	ug/L	50	63.2	126	60-140	
Carbon tetrachloride	ug/L	50	53.4	107	60-140	
Chlorobenzene	ug/L	50	48.0	96	60-140	
Chloroethane	ug/L	50	46.0	92	60-140	
Chloroform	ug/L	50	50.8	102	60-140	
Chloromethane	ug/L	50	52.8	106	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.5	101	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.7	99	60-140	
Dibromochloromethane	ug/L	50	49.2	98	60-140	
Dibromomethane	ug/L	50	52.0	104	60-140	
Dichlorodifluoromethane	ug/L	50	55.5	111	60-140	
Diisopropyl ether	ug/L	50	46.3	93	60-140	
Ethylbenzene	ug/L	50	46.9	94	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.2	96	60-140	
Isopropylbenzene (Cumene)	ug/L	50	47.7	95	60-140	
m&p-Xylene	ug/L	100	93.3	93	60-140	
Methyl-tert-butyl ether	ug/L	50	51.7	103	60-140	
Methylene Chloride	ug/L	50	49.7	99	60-140	
n-Butylbenzene	ug/L	50	44.3	89	60-140	
n-Propylbenzene	ug/L	50	45.0	90	60-140	
Naphthalene	ug/L	50	44.7	89	60-140	
o-Xylene	ug/L	50	46.7	93	60-140	
sec-Butylbenzene	ug/L	50	43.6	87	60-140	
Styrene	ug/L	50	48.6	97	60-140	
tert-Butylbenzene	ug/L	50	38.2	76	60-140	
Tetrachloroethene	ug/L	50	49.3	99	60-140	
Toluene	ug/L	50	48.2	96	60-140	
trans-1,2-Dichloroethene	ug/L	50	50.8	102	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.5	97	60-140	
Trichloroethene	ug/L	50	52.5	105	60-140	
Trichlorofluoromethane	ug/L	50	51.3	103	60-140	
Vinyl chloride	ug/L	50	51.4	103	60-140	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538174

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3261109 3261110											
Parameter	Units	92538175001		MS		MSD		MS		MSD	
		Result	Conc.	Spike	Conc.	Result	Conc.	% Rec	% Rec	Limits	Max
											RPD
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20	21.4	20.4	107	102	60-140	5
1,1,1-Trichloroethane	ug/L	ND	20	20	20	25.5	23.6	128	118	60-140	8
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20	20.1	19.0	100	95	60-140	6
1,1,2-Trichloroethane	ug/L	ND	20	20	20	24.3	22.8	122	114	60-140	7
1,1-Dichloroethane	ug/L	ND	20	20	20	25.0	23.0	125	115	60-140	8
1,1-Dichloroethene	ug/L	ND	20	20	20	26.3	24.1	131	121	60-140	9
1,1-Dichloropropene	ug/L	ND	20	20	20	25.6	23.9	128	119	60-140	7
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20	18.4	18.1	92	91	60-140	1
1,2,3-Trichloropropane	ug/L	ND	20	20	20	20.8	19.9	104	99	60-140	5
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20	18.4	18.5	92	92	60-140	0
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20	18.7	18.2	94	91	60-140	3
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20	19.2	17.7	96	89	60-140	8
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20	22.1	20.0	111	100	60-140	10
1,2-Dichlorobenzene	ug/L	ND	20	20	20	18.7	19.1	94	96	60-140	2
1,2-Dichloroethane	ug/L	ND	20	20	20	24.8	23.3	124	117	60-140	6
1,2-Dichloropropane	ug/L	ND	20	20	20	24.7	23.1	124	116	60-140	7
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20	19.3	18.8	96	94	60-140	2
1,3-Dichlorobenzene	ug/L	ND	20	20	20	19.2	19.0	96	95	60-140	1
1,3-Dichloropropane	ug/L	ND	20	20	20	22.1	20.7	111	103	60-140	7
1,4-Dichlorobenzene	ug/L	ND	20	20	20	19.0	19.0	95	95	60-140	0
2,2-Dichloropropane	ug/L	ND	20	20	20	24.0	22.2	120	111	60-140	8
2-Chlorotoluene	ug/L	ND	20	20	20	19.1	18.8	95	94	60-140	1
4-Chlorotoluene	ug/L	ND	20	20	20	18.6	17.9	93	90	60-140	4
Benzene	ug/L	ND	20	20	20	24.6	23.0	123	115	60-140	6
Bromobenzene	ug/L	ND	20	20	20	20.1	19.5	101	97	60-140	3
Bromochloromethane	ug/L	ND	20	20	20	25.8	23.3	129	117	60-140	10
Bromodichloromethane	ug/L	ND	20	20	20	22.9	21.4	114	107	60-140	7
Bromoform	ug/L	ND	20	20	20	21.3	19.4	106	97	60-140	9
Bromomethane	ug/L	ND	20	20	20	30.6	28.7	153	144	60-140	6
Carbon tetrachloride	ug/L	ND	20	20	20	26.4	24.3	132	122	60-140	8
Chlorobenzene	ug/L	ND	20	20	20	21.7	20.9	109	104	60-140	4
Chloroethane	ug/L	ND	20	20	20	24.6	22.7	123	114	60-140	8
Chloroform	ug/L	ND	20	20	20	25.3	23.4	125	116	60-140	8
Chloromethane	ug/L	ND	20	20	20	25.6	23.1	128	115	60-140	10
cis-1,2-Dichloroethene	ug/L	ND	20	20	20	24.8	22.9	124	115	60-140	8
cis-1,3-Dichloropropene	ug/L	ND	20	20	20	22.8	21.4	114	107	60-140	6
Dibromochloromethane	ug/L	ND	20	20	20	21.1	20.6	106	103	60-140	2
Dibromomethane	ug/L	ND	20	20	20	23.1	22.8	115	114	60-140	1
Dichlorodifluoromethane	ug/L	ND	20	20	20	26.1	23.5	130	118	60-140	10
Diisopropyl ether	ug/L	ND	20	20	20	22.8	20.3	114	101	60-140	11
Ethylbenzene	ug/L	ND	20	20	20	20.9	20.4	105	102	60-140	3
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20	20.1	20.6	100	103	60-140	3
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20	21.0	20.6	105	103	60-140	2
m&p-Xylene	ug/L	ND	40	40	40	41.4	40.6	104	101	60-140	2

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538174

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3261109 3261110											
Parameter	Units	92538175001		MS		MSD		MS		MSD	
		Result	Conc.	Spike	Conc.	Result	Conc.	% Rec	% Rec	Limits	Max
Methyl-tert-butyl ether	ug/L	ND	20	20	20	24.7	22.7	123	114	60-140	8 30
Methylene Chloride	ug/L	ND	20	20	20	24.8	22.4	124	112	60-140	10 30
n-Butylbenzene	ug/L	ND	20	20	20	18.4	18.1	92	91	60-140	1 30
n-Propylbenzene	ug/L	ND	20	20	20	19.0	18.9	95	94	60-140	1 30
Naphthalene	ug/L	ND	20	20	20	17.5	17.8	88	89	60-140	2 30
o-Xylene	ug/L	ND	20	20	20	21.3	20.5	107	102	60-140	4 30
sec-Butylbenzene	ug/L	ND	20	20	20	19.0	18.7	95	94	60-140	1 30
Styrene	ug/L	ND	20	20	20	21.1	20.4	105	102	60-140	3 30
tert-Butylbenzene	ug/L	ND	20	20	20	16.7	15.8	83	79	60-140	5 30
Tetrachloroethene	ug/L	ND	20	20	20	22.1	21.0	111	105	60-140	5 30
Toluene	ug/L	ND	20	20	20	22.9	21.7	115	109	60-140	5 30
trans-1,2-Dichloroethene	ug/L	ND	20	20	20	25.4	23.0	127	115	60-140	10 30
trans-1,3-Dichloropropene	ug/L	ND	20	20	20	21.9	20.1	109	101	60-140	8 30
Trichloroethene	ug/L	ND	20	20	20	26.0	24.1	130	120	60-140	8 30
Trichlorofluoromethane	ug/L	ND	20	20	20	26.4	24.1	132	120	60-140	9 30
Vinyl chloride	ug/L	ND	20	20	20	25.4	23.5	127	117	60-140	8 30
1,2-Dichloroethane-d4 (S)	%							100	94	70-130	
4-Bromofluorobenzene (S)	%							100	101	70-130	
Toluene-d8 (S)	%							101	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538174

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538174

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92538174001	14226_HC_RD_20210511	MADEP VPH	619972		
92538174001	14226_HC_RD_20210511	EPA 3010A	620486	EPA 6010D	621136
92538174001	14226_HC_RD_20210511	SM 6200B	619856		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

May 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.: 92538175

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on May 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 - 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
Margaret King, APEX Companies, LLC
Cameron Lee, Montrose-EPS
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538175

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538175

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92538175001	DUP-1	Water	05/11/21 00:00	05/11/21 13:00
92538175002	FB-1	Water	05/11/21 00:00	05/11/21 13:00
92538175003	TRIP BLANK	Water	05/11/21 00:00	05/11/21 13:00

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538175

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92538175001	DUP-1	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92538175002	FB-1	MADEP VPH	LMB	7	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92538175003	TRIP BLANK	SM 6200B	PM1	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538175

Sample: DUP-1		Lab ID: 92538175001		Collected: 05/11/21 00:00		Received: 05/11/21 13:00		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		05/12/21 22:54		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/12/21 22:54		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/12/21 22:54		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/12/21 22:54		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/12/21 22:54		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		05/12/21 22:54	460-00-4	
4-Bromofluorobenzene (PID) (S)	98	%	70-130		1		05/12/21 22:54	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	05/18/21 09:00	05/19/21 07:01	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/12/21 19:53	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/12/21 19:53	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/12/21 19:53	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/12/21 19:53	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/12/21 19:53	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/12/21 19:53	74-83-9	M1
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/12/21 19:53	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/12/21 19:53	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/12/21 19:53	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/12/21 19:53	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/12/21 19:53	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/12/21 19:53	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/12/21 19:53	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/12/21 19:53	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/12/21 19:53	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/12/21 19:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/12/21 19:53	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/12/21 19:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/12/21 19:53	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/12/21 19:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/12/21 19:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/12/21 19:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/12/21 19:53	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/12/21 19:53	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/12/21 19:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/12/21 19:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/12/21 19:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/12/21 19:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/12/21 19:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/12/21 19:53	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538175

Sample: DUP-1		Lab ID: 92538175001		Collected: 05/11/21 00:00		Received: 05/11/21 13:00		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/12/21 19:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/12/21 19:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/12/21 19:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/12/21 19:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/12/21 19:53	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/12/21 19:53	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/12/21 19:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/12/21 19:53	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/12/21 19:53	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/12/21 19:53	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/12/21 19:53	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/12/21 19:53	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/12/21 19:53	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/12/21 19:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/12/21 19:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/12/21 19:53	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/12/21 19:53	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/12/21 19:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/12/21 19:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/12/21 19:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/12/21 19:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/12/21 19:53	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/12/21 19:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/12/21 19:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/12/21 19:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/12/21 19:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/12/21 19:53	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/12/21 19:53	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/12/21 19:53	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/12/21 19:53	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		05/12/21 19:53	17060-07-0	
4-Bromofluorobenzene (S)	100	%	70-130		1		05/12/21 19:53	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/12/21 19:53	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538175

Sample: FB-1 Lab ID: 92538175002 Collected: 05/11/21 00:00 Received: 05/11/21 13:00 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		05/12/21 19:35		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		05/12/21 19:35		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	50.0	1		05/12/21 19:35		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		05/12/21 19:35		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		05/12/21 19:35		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		05/12/21 19:35	460-00-4	
4-Bromofluorobenzene (PID) (S)	100	%	70-130		1		05/12/21 19:35	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	05/18/21 09:00	05/19/21 22:28	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		05/12/21 14:49	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/12/21 14:49	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/12/21 14:49	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/12/21 14:49	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/12/21 14:49	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/12/21 14:49	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/12/21 14:49	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/12/21 14:49	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/12/21 14:49	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/12/21 14:49	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/12/21 14:49	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/12/21 14:49	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/12/21 14:49	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/12/21 14:49	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/12/21 14:49	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/12/21 14:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/12/21 14:49	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/12/21 14:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/12/21 14:49	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/12/21 14:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/12/21 14:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/12/21 14:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/12/21 14:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/12/21 14:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/12/21 14:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/12/21 14:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/12/21 14:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/12/21 14:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/12/21 14:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/12/21 14:49	78-87-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538175

Sample: FB-1		Lab ID: 92538175002		Collected: 05/11/21 00:00		Received: 05/11/21 13:00		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/12/21 14:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/12/21 14:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/12/21 14:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/12/21 14:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/12/21 14:49	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/12/21 14:49	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/12/21 14:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/12/21 14:49	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/12/21 14:49	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/12/21 14:49	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/12/21 14:49	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/12/21 14:49	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/12/21 14:49	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/12/21 14:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/12/21 14:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		05/12/21 14:49	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/12/21 14:49	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/12/21 14:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/12/21 14:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/12/21 14:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/12/21 14:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/12/21 14:49	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/12/21 14:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/12/21 14:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/12/21 14:49	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/12/21 14:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/12/21 14:49	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/12/21 14:49	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/12/21 14:49	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/12/21 14:49	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		05/12/21 14:49	17060-07-0	
4-Bromofluorobenzene (S)	102	%	70-130		1		05/12/21 14:49	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		05/12/21 14:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538175

Sample: TRIP BLANK		Lab ID: 92538175003		Collected: 05/11/21 00:00		Received: 05/11/21 13:00		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		05/12/21 15:07	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		05/12/21 15:07	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		05/12/21 15:07	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		05/12/21 15:07	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		05/12/21 15:07	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		05/12/21 15:07	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		05/12/21 15:07	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		05/12/21 15:07	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		05/12/21 15:07	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		05/12/21 15:07	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		05/12/21 15:07	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		05/12/21 15:07	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		05/12/21 15:07	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		05/12/21 15:07	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/12/21 15:07	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		05/12/21 15:07	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		05/12/21 15:07	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		05/12/21 15:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		05/12/21 15:07	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		05/12/21 15:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/12/21 15:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		05/12/21 15:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		05/12/21 15:07	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		05/12/21 15:07	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		05/12/21 15:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		05/12/21 15:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		05/12/21 15:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		05/12/21 15:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		05/12/21 15:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		05/12/21 15:07	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		05/12/21 15:07	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		05/12/21 15:07	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		05/12/21 15:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/12/21 15:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		05/12/21 15:07	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		05/12/21 15:07	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		05/12/21 15:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		05/12/21 15:07	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		05/12/21 15:07	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		05/12/21 15:07	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		05/12/21 15:07	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		05/12/21 15:07	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		05/12/21 15:07	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		05/12/21 15:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		05/12/21 15:07	630-20-6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538175

Sample: TRIP BLANK		Lab ID: 92538175003		Collected: 05/11/21 00:00		Received: 05/11/21 13:00		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		05/12/21 15:07	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		05/12/21 15:07	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		05/12/21 15:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		05/12/21 15:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		05/12/21 15:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		05/12/21 15:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		05/12/21 15:07	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		05/12/21 15:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		05/12/21 15:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		05/12/21 15:07	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		05/12/21 15:07	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		05/12/21 15:07	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		05/12/21 15:07	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		05/12/21 15:07	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		05/12/21 15:07	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		05/12/21 15:07	17060-07-0	
4-Bromofluorobenzene (S)	102	%	70-130		1		05/12/21 15:07	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/12/21 15:07	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538175

QC Batch: 619972

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92538175001, 92538175002

METHOD BLANK: 3261756

Matrix: Water

Associated Lab Samples: 92538175001, 92538175002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	05/12/21 18:38	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	50.0	05/12/21 18:38	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	05/12/21 18:38	N2
4-Bromofluorobenzene (FID) (S)	%	100	70-130		05/12/21 18:38	
4-Bromofluorobenzene (PID) (S)	%	102	70-130		05/12/21 18:38	

LABORATORY CONTROL SAMPLE & LCSD: 3261757

3261758

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	326	313	109	104	70-130	4	25	N2
Aliphatic (C09-C12)	ug/L	300	339	354	113	118	70-130	4	25	N2
Aromatic (C09-C10)	ug/L	100	108	112	108	112	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				101	108	70-130			
4-Bromofluorobenzene (PID) (S)	%				100	106	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538175

QC Batch: 620486

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92538175001, 92538175002

METHOD BLANK: 3264610

Matrix: Water

Associated Lab Samples: 92538175001, 92538175002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	05/19/21 05:34	

LABORATORY CONTROL SAMPLE: 3264611

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	459	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3264612 3264613

Parameter	Units	92536715001 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	477	97	95	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92538175

QC Batch: 619856 Analysis Method: SM 6200B
QC Batch Method: SM 6200B Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92538175001, 92538175002, 92538175003

METHOD BLANK: 3261107 Matrix: Water
Associated Lab Samples: 92538175001, 92538175002, 92538175003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	05/12/21 12:08	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	05/12/21 12:08	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	05/12/21 12:08	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	05/12/21 12:08	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	05/12/21 12:08	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	05/12/21 12:08	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	05/12/21 12:08	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	05/12/21 12:08	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	05/12/21 12:08	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	05/12/21 12:08	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	05/12/21 12:08	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	05/12/21 12:08	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	05/12/21 12:08	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	05/12/21 12:08	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	05/12/21 12:08	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	05/12/21 12:08	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	05/12/21 12:08	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	05/12/21 12:08	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	05/12/21 12:08	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	05/12/21 12:08	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	05/12/21 12:08	
2-Chlorotoluene	ug/L	ND	0.50	0.32	05/12/21 12:08	
4-Chlorotoluene	ug/L	ND	0.50	0.32	05/12/21 12:08	
Benzene	ug/L	ND	0.50	0.34	05/12/21 12:08	
Bromobenzene	ug/L	ND	0.50	0.29	05/12/21 12:08	
Bromochloromethane	ug/L	ND	0.50	0.47	05/12/21 12:08	
Bromodichloromethane	ug/L	ND	0.50	0.31	05/12/21 12:08	
Bromoform	ug/L	ND	0.50	0.34	05/12/21 12:08	
Bromomethane	ug/L	ND	5.0	1.7	05/12/21 12:08	
Carbon tetrachloride	ug/L	ND	0.50	0.33	05/12/21 12:08	
Chlorobenzene	ug/L	ND	0.50	0.28	05/12/21 12:08	
Chloroethane	ug/L	ND	1.0	0.65	05/12/21 12:08	
Chloroform	ug/L	ND	0.50	0.35	05/12/21 12:08	
Chloromethane	ug/L	ND	1.0	0.54	05/12/21 12:08	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	05/12/21 12:08	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/12/21 12:08	
Dibromochloromethane	ug/L	ND	0.50	0.36	05/12/21 12:08	
Dibromomethane	ug/L	ND	0.50	0.39	05/12/21 12:08	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	05/12/21 12:08	
Diisopropyl ether	ug/L	ND	0.50	0.31	05/12/21 12:08	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92538175

METHOD BLANK: 3261107 Matrix: Water

Associated Lab Samples: 92538175001, 92538175002, 92538175003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	05/12/21 12:08	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	05/12/21 12:08	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	05/12/21 12:08	
m&p-Xylene	ug/L	ND	1.0	0.71	05/12/21 12:08	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	05/12/21 12:08	
Methylene Chloride	ug/L	ND	2.0	2.0	05/12/21 12:08	
n-Butylbenzene	ug/L	ND	0.50	0.49	05/12/21 12:08	
n-Propylbenzene	ug/L	ND	0.50	0.34	05/12/21 12:08	
Naphthalene	ug/L	ND	2.0	0.64	05/12/21 12:08	
o-Xylene	ug/L	ND	0.50	0.34	05/12/21 12:08	
sec-Butylbenzene	ug/L	ND	0.50	0.40	05/12/21 12:08	
Styrene	ug/L	ND	0.50	0.29	05/12/21 12:08	
tert-Butylbenzene	ug/L	ND	0.50	0.32	05/12/21 12:08	
Tetrachloroethene	ug/L	ND	0.50	0.29	05/12/21 12:08	
Toluene	ug/L	ND	0.50	0.48	05/12/21 12:08	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	05/12/21 12:08	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	05/12/21 12:08	
Trichloroethene	ug/L	ND	0.50	0.38	05/12/21 12:08	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	05/12/21 12:08	
Vinyl chloride	ug/L	ND	1.0	0.39	05/12/21 12:08	
1,2-Dichloroethane-d4 (S)	%	96	70-130		05/12/21 12:08	
4-Bromofluorobenzene (S)	%	102	70-130		05/12/21 12:08	
Toluene-d8 (S)	%	102	70-130		05/12/21 12:08	

LABORATORY CONTROL SAMPLE: 3261108

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.8	98	60-140	
1,1,1-Trichloroethane	ug/L	50	51.3	103	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	44.7	89	60-140	
1,1,2-Trichloroethane	ug/L	50	51.1	102	60-140	
1,1-Dichloroethane	ug/L	50	49.0	98	60-140	
1,1-Dichloroethene	ug/L	50	51.8	104	60-140	
1,1-Dichloropropene	ug/L	50	52.9	106	60-140	
1,2,3-Trichlorobenzene	ug/L	50	47.0	94	60-140	
1,2,3-Trichloropropane	ug/L	50	44.8	90	60-140	
1,2,4-Trichlorobenzene	ug/L	50	47.8	96	60-140	
1,2,4-Trimethylbenzene	ug/L	50	44.1	88	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	45.0	90	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	48.3	97	60-140	
1,2-Dichlorobenzene	ug/L	50	46.0	92	60-140	
1,2-Dichloroethane	ug/L	50	51.3	103	60-140	
1,2-Dichloropropane	ug/L	50	51.0	102	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.0	90	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538175

LABORATORY CONTROL SAMPLE: 3261108

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	46.4	93	60-140	
1,3-Dichloropropane	ug/L	50	46.9	94	60-140	
1,4-Dichlorobenzene	ug/L	50	45.8	92	60-140	
2,2-Dichloropropane	ug/L	50	48.0	96	60-140	
2-Chlorotoluene	ug/L	50	45.9	92	60-140	
4-Chlorotoluene	ug/L	50	42.7	85	60-140	
Benzene	ug/L	50	50.1	100	60-140	
Bromobenzene	ug/L	50	45.8	92	60-140	
Bromochloromethane	ug/L	50	52.4	105	60-140	
Bromodichloromethane	ug/L	50	48.5	97	60-140	
Bromoform	ug/L	50	49.4	99	60-140	
Bromomethane	ug/L	50	63.2	126	60-140	
Carbon tetrachloride	ug/L	50	53.4	107	60-140	
Chlorobenzene	ug/L	50	48.0	96	60-140	
Chloroethane	ug/L	50	46.0	92	60-140	
Chloroform	ug/L	50	50.8	102	60-140	
Chloromethane	ug/L	50	52.8	106	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.5	101	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.7	99	60-140	
Dibromochloromethane	ug/L	50	49.2	98	60-140	
Dibromomethane	ug/L	50	52.0	104	60-140	
Dichlorodifluoromethane	ug/L	50	55.5	111	60-140	
Diisopropyl ether	ug/L	50	46.3	93	60-140	
Ethylbenzene	ug/L	50	46.9	94	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.2	96	60-140	
Isopropylbenzene (Cumene)	ug/L	50	47.7	95	60-140	
m&p-Xylene	ug/L	100	93.3	93	60-140	
Methyl-tert-butyl ether	ug/L	50	51.7	103	60-140	
Methylene Chloride	ug/L	50	49.7	99	60-140	
n-Butylbenzene	ug/L	50	44.3	89	60-140	
n-Propylbenzene	ug/L	50	45.0	90	60-140	
Naphthalene	ug/L	50	44.7	89	60-140	
o-Xylene	ug/L	50	46.7	93	60-140	
sec-Butylbenzene	ug/L	50	43.6	87	60-140	
Styrene	ug/L	50	48.6	97	60-140	
tert-Butylbenzene	ug/L	50	38.2	76	60-140	
Tetrachloroethene	ug/L	50	49.3	99	60-140	
Toluene	ug/L	50	48.2	96	60-140	
trans-1,2-Dichloroethene	ug/L	50	50.8	102	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.5	97	60-140	
Trichloroethene	ug/L	50	52.5	105	60-140	
Trichlorofluoromethane	ug/L	50	51.3	103	60-140	
Vinyl chloride	ug/L	50	51.4	103	60-140	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538175

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3261109					3261110								
Parameter	Units	92538175001	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.4	20.4	107	102	60-140	5	30	M1	
1,1,1-Trichloroethane	ug/L	ND	20	20	25.5	23.6	128	118	60-140	8	30		
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.1	19.0	100	95	60-140	6	30		
1,1,2-Trichloroethane	ug/L	ND	20	20	24.3	22.8	122	114	60-140	7	30		
1,1-Dichloroethane	ug/L	ND	20	20	25.0	23.0	125	115	60-140	8	30		
1,1-Dichloroethene	ug/L	ND	20	20	26.3	24.1	131	121	60-140	9	30		
1,1-Dichloropropene	ug/L	ND	20	20	25.6	23.9	128	119	60-140	7	30		
1,2,3-Trichlorobenzene	ug/L	ND	20	20	18.4	18.1	92	91	60-140	1	30		
1,2,3-Trichloropropane	ug/L	ND	20	20	20.8	19.9	104	99	60-140	5	30		
1,2,4-Trichlorobenzene	ug/L	ND	20	20	18.4	18.5	92	92	60-140	0	30		
1,2,4-Trimethylbenzene	ug/L	ND	20	20	18.7	18.2	94	91	60-140	3	30		
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.2	17.7	96	89	60-140	8	30		
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.1	20.0	111	100	60-140	10	30		
1,2-Dichlorobenzene	ug/L	ND	20	20	18.7	19.1	94	96	60-140	2	30		
1,2-Dichloroethane	ug/L	ND	20	20	24.8	23.3	124	117	60-140	6	30		
1,2-Dichloropropane	ug/L	ND	20	20	24.7	23.1	124	116	60-140	7	30		
1,3,5-Trimethylbenzene	ug/L	ND	20	20	19.3	18.8	96	94	60-140	2	30		
1,3-Dichlorobenzene	ug/L	ND	20	20	19.2	19.0	96	95	60-140	1	30		
1,3-Dichloropropane	ug/L	ND	20	20	22.1	20.7	111	103	60-140	7	30		
1,4-Dichlorobenzene	ug/L	ND	20	20	19.0	19.0	95	95	60-140	0	30		
2,2-Dichloropropane	ug/L	ND	20	20	24.0	22.2	120	111	60-140	8	30		
2-Chlorotoluene	ug/L	ND	20	20	19.1	18.8	95	94	60-140	1	30		
4-Chlorotoluene	ug/L	ND	20	20	18.6	17.9	93	90	60-140	4	30		
Benzene	ug/L	ND	20	20	24.6	23.0	123	115	60-140	6	30		
Bromobenzene	ug/L	ND	20	20	20.1	19.5	101	97	60-140	3	30		
Bromochloromethane	ug/L	ND	20	20	25.8	23.3	129	117	60-140	10	30		
Bromodichloromethane	ug/L	ND	20	20	22.9	21.4	114	107	60-140	7	30		
Bromoform	ug/L	ND	20	20	21.3	19.4	106	97	60-140	9	30		
Bromomethane	ug/L	ND	20	20	30.6	28.7	153	144	60-140	6	30		
Carbon tetrachloride	ug/L	ND	20	20	26.4	24.3	132	122	60-140	8	30		
Chlorobenzene	ug/L	ND	20	20	21.7	20.9	109	104	60-140	4	30		
Chloroethane	ug/L	ND	20	20	24.6	22.7	123	114	60-140	8	30		
Chloroform	ug/L	ND	20	20	25.3	23.4	125	116	60-140	8	30		
Chloromethane	ug/L	ND	20	20	25.6	23.1	128	115	60-140	10	30		
cis-1,2-Dichloroethene	ug/L	ND	20	20	24.8	22.9	124	115	60-140	8	30		
cis-1,3-Dichloropropene	ug/L	ND	20	20	22.8	21.4	114	107	60-140	6	30		
Dibromochloromethane	ug/L	ND	20	20	21.1	20.6	106	103	60-140	2	30		
Dibromomethane	ug/L	ND	20	20	23.1	22.8	115	114	60-140	1	30		
Dichlorodifluoromethane	ug/L	ND	20	20	26.1	23.5	130	118	60-140	10	30		
Diisopropyl ether	ug/L	ND	20	20	22.8	20.3	114	101	60-140	11	30		
Ethylbenzene	ug/L	ND	20	20	20.9	20.4	105	102	60-140	3	30		
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.1	20.6	100	103	60-140	3	30		
Isopropylbenzene (Cumene)	ug/L	ND	20	20	21.0	20.6	105	103	60-140	2	30		
m&p-Xylene	ug/L	ND	40	40	41.4	40.6	104	101	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538175

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3261109 3261110											
Parameter	Units	92538175001		MS		MSD		MS		MSD	
		Result	Conc.	Spike	Conc.	Result	Conc.	% Rec	% Rec	Limits	Max
Methyl-tert-butyl ether	ug/L	ND	20	20	20	24.7	22.7	123	114	60-140	8 30
Methylene Chloride	ug/L	ND	20	20	20	24.8	22.4	124	112	60-140	10 30
n-Butylbenzene	ug/L	ND	20	20	20	18.4	18.1	92	91	60-140	1 30
n-Propylbenzene	ug/L	ND	20	20	20	19.0	18.9	95	94	60-140	1 30
Naphthalene	ug/L	ND	20	20	20	17.5	17.8	88	89	60-140	2 30
o-Xylene	ug/L	ND	20	20	20	21.3	20.5	107	102	60-140	4 30
sec-Butylbenzene	ug/L	ND	20	20	20	19.0	18.7	95	94	60-140	1 30
Styrene	ug/L	ND	20	20	20	21.1	20.4	105	102	60-140	3 30
tert-Butylbenzene	ug/L	ND	20	20	20	16.7	15.8	83	79	60-140	5 30
Tetrachloroethene	ug/L	ND	20	20	20	22.1	21.0	111	105	60-140	5 30
Toluene	ug/L	ND	20	20	20	22.9	21.7	115	109	60-140	5 30
trans-1,2-Dichloroethene	ug/L	ND	20	20	20	25.4	23.0	127	115	60-140	10 30
trans-1,3-Dichloropropene	ug/L	ND	20	20	20	21.9	20.1	109	101	60-140	8 30
Trichloroethene	ug/L	ND	20	20	20	26.0	24.1	130	120	60-140	8 30
Trichlorofluoromethane	ug/L	ND	20	20	20	26.4	24.1	132	120	60-140	9 30
Vinyl chloride	ug/L	ND	20	20	20	25.4	23.5	127	117	60-140	8 30
1,2-Dichloroethane-d4 (S)	%							100	94	70-130	
4-Bromofluorobenzene (S)	%							100	101	70-130	
Toluene-d8 (S)	%							101	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538175

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92538175

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92538175001	DUP-1	MADEP VPH	619972		
92538175002	FB-1	MADEP VPH	619972		
92538175001	DUP-1	EPA 3010A	620486	EPA 6010D	621136
92538175002	FB-1	EPA 3010A	620486	EPA 6010D	621136
92538175001	DUP-1	SM 6200B	619856		
92538175002	FB-1	SM 6200B	619856		
92538175003	TRIP BLANK	SM 6200B	619856		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

May 07, 2021

Alex Testoff
Montrose Environmental Group, Inc.
400 Northridge Rd.
Suite 400
Atlanta, GA 30350

RE: Project: Colonial Northstone (5/5/21)
Pace Project No.: 92537094

Dear Alex Testoff:

Enclosed are the analytical results for sample(s) received by the laboratory on May 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 Analytical Services - Charlotte

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

Sincerely,



Nicole Gasiorowski
nicole.gasiorowski@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Robert Hughes, Colonial Pipeline Company
Margaret King, APEX Companies, LLC
Cam Lee, Montrose Environmental Group
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: Colonial Northstone (5/5/21)

Pace Project No.: 92537094

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: Colonial Northstone (5/5/21)

Pace Project No.: 92537094

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92537094001	21125-SW-Confluence 2	EPA 5030B/8015C Mod.	LMB	2	PASI-C
		EPA 8260D	BSH	9	PASI-C
92537094002	21125-SW-Confluence	EPA 5030B/8015C Mod.	LMB	2	PASI-C
		EPA 8260D	BSH	9	PASI-C
92537094003	21125-SW-Seep 2	EPA 5030B/8015C Mod.	LMB	2	PASI-C
		EPA 8260D	BSH	9	PASI-C
92537094004	21125-SW-Seep	EPA 5030B/8015C Mod.	LMB	2	PASI-C
		EPA 8260D	BSH	9	PASI-C
92537094005	21125-SW-1	EPA 5030B/8015C Mod.	LMB	2	PASI-C
		EPA 8260D	BSH	9	PASI-C
92537094006	21125-SW-2	EPA 5030B/8015C Mod.	LMB	2	PASI-C
		EPA 8260D	BSH	9	PASI-C
92537094007	21125-SW-3	EPA 5030B/8015C Mod.	LMB	2	PASI-C
		EPA 8260D	BSH	9	PASI-C
92537094008	21125-SW-4	EPA 5030B/8015C Mod.	LMB	2	PASI-C
		EPA 8260D	BSH	9	PASI-C
92537094009	21125-SW-5	EPA 5030B/8015C Mod.	LMB	2	PASI-C
		EPA 8260D	BSH	9	PASI-C
92537094010	21125-SW-DUP	EPA 5030B/8015C Mod.	LMB	2	PASI-C
		EPA 8260D	BSH	9	PASI-C
92537094011	21125-SW-6	EPA 5030B/8015C Mod.	LMB	2	PASI-C
		EPA 8260D	BSH	9	PASI-C
92537094012	21125-SW-7	EPA 5030B/8015C Mod.	LMB	2	PASI-C
		EPA 8260D	BSH	9	PASI-C
92537094013	21125-Trip Blank	EPA 8260D	BSH	9	PASI-C

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Colonial Northstone (5/5/21)

Pace Project No.: 92537094

Sample: 21125-SW-Confluence 2		Lab ID: 92537094001		Collected: 05/05/21 11:30		Received: 05/05/21 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		05/06/21 20:18			
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130	1		05/06/21 20:18	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		05/06/21 17:48	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		05/06/21 17:48	100-41-4		
Toluene	ND	ug/L	1.0	1		05/06/21 17:48	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		05/06/21 17:48	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		05/06/21 17:48	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		05/06/21 17:48	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130	1		05/06/21 17:48	460-00-4		
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		05/06/21 17:48	17060-07-0		
Toluene-d8 (S)	99	%	70-130	1		05/06/21 17:48	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Colonial Northstone (5/5/21)

Pace Project No.: 92537094

Sample: 21125-SW-Confluence		Lab ID: 92537094002		Collected: 05/05/21 11:20		Received: 05/05/21 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		05/06/21 20:46			
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130	1		05/06/21 20:46	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		05/06/21 17:29	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		05/06/21 17:29	100-41-4		
Toluene	ND	ug/L	1.0	1		05/06/21 17:29	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		05/06/21 17:29	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		05/06/21 17:29	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		05/06/21 17:29	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130	1		05/06/21 17:29	460-00-4		
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		05/06/21 17:29	17060-07-0		
Toluene-d8 (S)	99	%	70-130	1		05/06/21 17:29	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Colonial Northstone (5/5/21)

Pace Project No.: 92537094

Sample: 21125-SW-Seep 2		Lab ID: 92537094003		Collected: 05/05/21 11:25		Received: 05/05/21 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		05/06/21 21:14			
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-130	1		05/06/21 21:14	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		05/06/21 17:11	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		05/06/21 17:11	100-41-4		
Toluene	ND	ug/L	1.0	1		05/06/21 17:11	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		05/06/21 17:11	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		05/06/21 17:11	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		05/06/21 17:11	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130	1		05/06/21 17:11	460-00-4		
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		05/06/21 17:11	17060-07-0		
Toluene-d8 (S)	99	%	70-130	1		05/06/21 17:11	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Colonial Northstone (5/5/21)

Pace Project No.: 92537094

Sample: 21125-SW-Seep		Lab ID: 92537094004		Collected: 05/05/21 11:15		Received: 05/05/21 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		05/06/21 23:07			
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130	1		05/06/21 23:07	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		05/06/21 16:53	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		05/06/21 16:53	100-41-4		
Toluene	6.7	ug/L	1.0	1		05/06/21 16:53	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		05/06/21 16:53	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		05/06/21 16:53	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		05/06/21 16:53	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130	1		05/06/21 16:53	460-00-4		
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		05/06/21 16:53	17060-07-0		
Toluene-d8 (S)	100	%	70-130	1		05/06/21 16:53	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Colonial Northstone (5/5/21)

Pace Project No.: 92537094

Sample: 21125-SW-1		Lab ID: 92537094005		Collected: 05/05/21 12:15		Received: 05/05/21 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		05/06/21 23:35			
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-130	1		05/06/21 23:35	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		05/06/21 16:35	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		05/06/21 16:35	100-41-4		
Toluene	ND	ug/L	1.0	1		05/06/21 16:35	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		05/06/21 16:35	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		05/06/21 16:35	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		05/06/21 16:35	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130	1		05/06/21 16:35	460-00-4		
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		05/06/21 16:35	17060-07-0		
Toluene-d8 (S)	99	%	70-130	1		05/06/21 16:35	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Colonial Northstone (5/5/21)

Pace Project No.: 92537094

Sample: 21125-SW-2		Lab ID: 92537094006		Collected: 05/05/21 12:05		Received: 05/05/21 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		05/07/21 00:03			
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130	1		05/07/21 00:03	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		05/06/21 16:17	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		05/06/21 16:17	100-41-4		
Toluene	ND	ug/L	1.0	1		05/06/21 16:17	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		05/06/21 16:17	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		05/06/21 16:17	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		05/06/21 16:17	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130	1		05/06/21 16:17	460-00-4		
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		05/06/21 16:17	17060-07-0		
Toluene-d8 (S)	101	%	70-130	1		05/06/21 16:17	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Colonial Northstone (5/5/21)

Pace Project No.: 92537094

Sample: 21125-SW-3		Lab ID: 92537094007		Collected: 05/05/21 11:55		Received: 05/05/21 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		05/07/21 00:31			
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130	1		05/07/21 00:31	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		05/06/21 15:59	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		05/06/21 15:59	100-41-4		
Toluene	ND	ug/L	1.0	1		05/06/21 15:59	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		05/06/21 15:59	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		05/06/21 15:59	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		05/06/21 15:59	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130	1		05/06/21 15:59	460-00-4		
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		05/06/21 15:59	17060-07-0		
Toluene-d8 (S)	99	%	70-130	1		05/06/21 15:59	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Colonial Northstone (5/5/21)

Pace Project No.: 92537094

Sample: 21125-SW-4		Lab ID: 92537094008		Collected: 05/05/21 12:30		Received: 05/05/21 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		05/07/21 00:59			
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130	1		05/07/21 00:59	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		05/06/21 15:41	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		05/06/21 15:41	100-41-4		
Toluene	ND	ug/L	1.0	1		05/06/21 15:41	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		05/06/21 15:41	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		05/06/21 15:41	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		05/06/21 15:41	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130	1		05/06/21 15:41	460-00-4		
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		05/06/21 15:41	17060-07-0		
Toluene-d8 (S)	99	%	70-130	1		05/06/21 15:41	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Colonial Northstone (5/5/21)

Pace Project No.: 92537094

Sample: 21125-SW-5		Lab ID: 92537094009		Collected: 05/05/21 12:50		Received: 05/05/21 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		05/07/21 01:28			
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130	1		05/07/21 01:28	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		05/06/21 15:23	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		05/06/21 15:23	100-41-4		
Toluene	ND	ug/L	1.0	1		05/06/21 15:23	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		05/06/21 15:23	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		05/06/21 15:23	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		05/06/21 15:23	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130	1		05/06/21 15:23	460-00-4		
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		05/06/21 15:23	17060-07-0		
Toluene-d8 (S)	99	%	70-130	1		05/06/21 15:23	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Colonial Northstone (5/5/21)

Pace Project No.: 92537094

Sample: 21125-SW-DUP		Lab ID: 92537094010		Collected: 05/05/21 12:00		Received: 05/05/21 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		05/07/21 01:56			
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130	1		05/07/21 01:56	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		05/06/21 15:05	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		05/06/21 15:05	100-41-4		
Toluene	ND	ug/L	1.0	1		05/06/21 15:05	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		05/06/21 15:05	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		05/06/21 15:05	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		05/06/21 15:05	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130	1		05/06/21 15:05	460-00-4		
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		05/06/21 15:05	17060-07-0		
Toluene-d8 (S)	98	%	70-130	1		05/06/21 15:05	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Colonial Northstone (5/5/21)

Pace Project No.: 92537094

Sample: 21125-SW-6		Lab ID: 92537094011		Collected: 05/05/21 13:00		Received: 05/05/21 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		05/07/21 02:24			
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130	1		05/07/21 02:24	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		05/06/21 14:46	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		05/06/21 14:46	100-41-4		
Toluene	ND	ug/L	1.0	1		05/06/21 14:46	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		05/06/21 14:46	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		05/06/21 14:46	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		05/06/21 14:46	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130	1		05/06/21 14:46	460-00-4		
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		05/06/21 14:46	17060-07-0		
Toluene-d8 (S)	101	%	70-130	1		05/06/21 14:46	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Colonial Northstone (5/5/21)

Pace Project No.: 92537094

Sample: 21125-SW-7		Lab ID: 92537094012		Collected: 05/05/21 13:20		Received: 05/05/21 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		05/07/21 02:52			
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130	1		05/07/21 02:52	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		05/06/21 13:16	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		05/06/21 13:16	100-41-4		
Toluene	ND	ug/L	1.0	1		05/06/21 13:16	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		05/06/21 13:16	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		05/06/21 13:16	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		05/06/21 13:16	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130	1		05/06/21 13:16	460-00-4		
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		05/06/21 13:16	17060-07-0		
Toluene-d8 (S)	97	%	70-130	1		05/06/21 13:16	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: Colonial Northstone (5/5/21)

Pace Project No.: 92537094

Sample: 21125-Trip Blank		Lab ID: 92537094013		Collected: 05/05/21 00:00		Received: 05/05/21 14:20		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		05/06/21 12:58	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		05/06/21 12:58	100-41-4		
Toluene	ND	ug/L	1.0	1		05/06/21 12:58	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		05/06/21 12:58	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		05/06/21 12:58	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		05/06/21 12:58	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130	1		05/06/21 12:58	460-00-4		
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		05/06/21 12:58	17060-07-0		
Toluene-d8 (S)	100	%	70-130	1		05/06/21 12:58	2037-26-5		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Colonial Northstone (5/5/21)

Pace Project No.: 92537094

QC Batch:	618702	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: 92537094001, 92537094002, 92537094003, 92537094004, 92537094005, 92537094006

METHOD BLANK: 3255308 Matrix: Water

Associated Lab Samples: 92537094001, 92537094002, 92537094003, 92537094004, 92537094005, 92537094006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	0.080	05/06/21 12:47	
4-Bromofluorobenzene (S)	%	85	70-130	05/06/21 12:47	

LABORATORY CONTROL SAMPLE: 3255309

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gas Range Organics (C6-C10)	mg/L	1	1.1	108	70-130	
4-Bromofluorobenzene (S)	%			89	70-130	

MATRIX SPIKE SAMPLE: 3256236

Parameter	Units	92537094006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	1	0.93	91	68-145	
4-Bromofluorobenzene (S)	%				91	70-130	

SAMPLE DUPLICATE: 3256235

Parameter	Units	92537094004 Result	Dup Result	RPD	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	ND		
4-Bromofluorobenzene (S)	%	91	91		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Colonial Northstone (5/5/21)

Pace Project No.: 92537094

QC Batch:	618703	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: 92537094007, 92537094008, 92537094009, 92537094010, 92537094011, 92537094012

METHOD BLANK: 3255315 Matrix: Water

Associated Lab Samples: 92537094007, 92537094008, 92537094009, 92537094010, 92537094011, 92537094012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	0.080	05/06/21 13:16	
4-Bromofluorobenzene (S)	%	86	70-130	05/06/21 13:16	

LABORATORY CONTROL SAMPLE: 3255316

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gas Range Organics (C6-C10)	mg/L	1	0.97	97	70-130	
4-Bromofluorobenzene (S)	%			90	70-130	

MATRIX SPIKE SAMPLE: 3256234

Parameter	Units	92537094009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	1	0.93	91	68-145	
4-Bromofluorobenzene (S)	%				89	70-130	

SAMPLE DUPLICATE: 3256233

Parameter	Units	92537094007 Result	Dup Result	RPD	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	ND		
4-Bromofluorobenzene (S)	%	88	90		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: Colonial Northstone (5/5/21)

Pace Project No.: 92537094

QC Batch:	618549	Analysis Method:	EPA 8260D
QC Batch Method:	EPA 8260D	Analysis Description:	8260D MSV Low Level
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92537094001, 92537094002, 92537094003, 92537094004, 92537094005, 92537094006, 92537094007, 92537094008, 92537094009, 92537094010, 92537094011, 92537094012, 92537094013		

METHOD BLANK: 3254613

Matrix: Water

Associated Lab Samples: 92537094001, 92537094002, 92537094003, 92537094004, 92537094005, 92537094006, 92537094007, 92537094008, 92537094009, 92537094010, 92537094011, 92537094012, 92537094013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	05/06/21 12:21	
Ethylbenzene	ug/L	ND	1.0	05/06/21 12:21	
m&p-Xylene	ug/L	ND	2.0	05/06/21 12:21	
o-Xylene	ug/L	ND	1.0	05/06/21 12:21	
Toluene	ug/L	ND	1.0	05/06/21 12:21	
Xylene (Total)	ug/L	ND	1.0	05/06/21 12:21	
1,2-Dichloroethane-d4 (S)	%	96	70-130	05/06/21 12:21	
4-Bromofluorobenzene (S)	%	96	70-130	05/06/21 12:21	
Toluene-d8 (S)	%	99	70-130	05/06/21 12:21	

LABORATORY CONTROL SAMPLE: 3254614

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	49.2	98	70-130	
Ethylbenzene	ug/L	50	49.2	98	70-130	
m&p-Xylene	ug/L	100	99.5	100	70-130	
o-Xylene	ug/L	50	49.9	100	70-130	
Toluene	ug/L	50	48.3	97	70-130	
Xylene (Total)	ug/L	150	149	100	70-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3254615 3254616

Parameter	Units	92537094012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Benzene	ug/L	ND	20	20	21.9	21.9	109	110	67-150	0	
Ethylbenzene	ug/L	ND	20	20	22.3	22.5	112	112	68-143	1	
m&p-Xylene	ug/L	ND	40	40	44.1	45.3	110	113	53-157	3	
o-Xylene	ug/L	ND	20	20	20.5	21.3	103	107	68-143	4	
Toluene	ug/L	ND	20	20	21.5	21.7	107	108	47-157	1	
Xylene (Total)	ug/L	ND	60	60	64.6	66.6	108	111	66-145	3	
1,2-Dichloroethane-d4 (S)	%						104	97	70-130		
4-Bromofluorobenzene (S)	%						95	97	70-130		
Toluene-d8 (S)	%						100	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: Colonial Northstone (5/5/21)

Pace Project No.: 92537094

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Colonial Northstone (5/5/21)

Pace Project No.: 92537094

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92537094001	21125-SW-Confluence 2	EPA 5030B/8015C Mod.	618702		
92537094002	21125-SW-Confluence	EPA 5030B/8015C Mod.	618702		
92537094003	21125-SW-Seep 2	EPA 5030B/8015C Mod.	618702		
92537094004	21125-SW-Seep	EPA 5030B/8015C Mod.	618702		
92537094005	21125-SW-1	EPA 5030B/8015C Mod.	618702		
92537094006	21125-SW-2	EPA 5030B/8015C Mod.	618702		
92537094007	21125-SW-3	EPA 5030B/8015C Mod.	618703		
92537094008	21125-SW-4	EPA 5030B/8015C Mod.	618703		
92537094009	21125-SW-5	EPA 5030B/8015C Mod.	618703		
92537094010	21125-SW-DUP	EPA 5030B/8015C Mod.	618703		
92537094011	21125-SW-6	EPA 5030B/8015C Mod.	618703		
92537094012	21125-SW-7	EPA 5030B/8015C Mod.	618703		
92537094001	21125-SW-Confluence 2	EPA 8260D	618549		
92537094002	21125-SW-Confluence	EPA 8260D	618549		
92537094003	21125-SW-Seep 2	EPA 8260D	618549		
92537094004	21125-SW-Seep	EPA 8260D	618549		
92537094005	21125-SW-1	EPA 8260D	618549		
92537094006	21125-SW-2	EPA 8260D	618549		
92537094007	21125-SW-3	EPA 8260D	618549		
92537094008	21125-SW-4	EPA 8260D	618549		
92537094009	21125-SW-5	EPA 8260D	618549		
92537094010	21125-SW-DUP	EPA 8260D	618549		
92537094011	21125-SW-6	EPA 8260D	618549		
92537094012	21125-SW-7	EPA 8260D	618549		
92537094013	21125-Trip Blank	EPA 8260D	618549		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

	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

Client Name:

Montrose EPS

Project #:

WO# : 92537094

Courier:

☐ Fed Ex

☐ UPS

☐ USPS

☐ Client

☐ Commercial

☐ Pace

☐ Other:



92537094

Custody Seal Present?

☐ Yes

☒ No

Seals Intact?

☐ Yes

☒ No

Date/Initials Person Examining Contents:

5/15/21 UP

Packing Material:

☐ Bubble Wrap

☐ Bubble Bags

☐ None

☐ Other

Thermometer:

☒ IR Gun ID:

921064

Type of Ice:

☒ Wet

☐ Blue

☐ None

Biological Tissue Frozen?

☐ Yes

☐ No

☒ N/A

Cooler Temp:

4.3

Correction Factor:

Add/Subtract (°C) 0.0°C

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#: 92537094

PM: NMG

Due Date: 05/11/21

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 Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-503S 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																5												
2																5												
3																5												
4																5												
5																5												
6																5												
7																5												
8																5												
9																5												
10																5												
11																5												
12																5												

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)-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													
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).



Analytical Environmental Services, Inc.

3080 Presidential Drive, Atlanta, GA 30340 Phone: (770) 457-8177

CHAIN OF CUSTODY

Work Order:

Page 2 of 2

COMPANY: Montrose - EPS		ADDRESS: 410 Northridge Rd. Suite 400 Sandy Springs, GA 30350		ANALYSIS REQUESTED		Visit our website www.aesatlanta.com for downloadable COCs and to log in to your AESAccess account.		Number of Containers	
PHONE: cler@montrose-env.com atcates@montrose-env.com		EMAIL:		SIGNATURE: Cole Cates		PRESERVATION (see codes)		REMARKS	
SAMPLED BY: Cole Cates		SAMPLE ID		DATE		TIME		GRAB	
#		DATE		TIME		COMPOSITE		MATRIX (see codes)	
1		2/12/25-SW-6		5/5/21 13:00		G		SW	
2		2/12/25-SW-7		5/5/21 13:20		G		SW	
3		2/12/25-Trip Blank		5/5/21 LAB		LAB		W	
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
RELINQUISHED BY: Cole Cates		DATE/TIME: 5/5/21/1420		RECEIVED BY: MD Cates		DATE/TIME: 5/5/21/1420		PROJECT NAME: Colonial Northstone	
1.								PROJECT #: Proj: 002116	
2.								SITE ADDRESS:	
3.								SEND REPORT TO: cler@montrose-env.com	
SPECIAL INSTRUCTIONS/COMMENTS: G = grab SW = Surface Water		SHIPMENT METHOD OUT: / / VIA: IN: / / VIA: Client FedEx UPS US mail courier other: _____		INVOICE TO (IF DIFFERENT FROM ABOVE):		QUOTE #:		PO#:	
								REGULATORY PROGRAM (if any):	
								DATA PACKAGE: ☐ I ☐ II ☐ III ☐ IV ☐ O	
								Turnaround Time (TAT) Request: ☐ Standard ☐ 2 Business Day Rush ☐ Next Business Day Rush ☐ Same-Day Rush (auth req.) ☐ Other _____	
								Total # of Containers	
								RECEIPT	

Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Client assumes sole responsibility for damage or loss of samples before we accept them. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT. Samples are disposed of 30 days after completion of report unless other arrangements are made.

Matrix Codes: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water ST = Stormwater WW = Waste Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)
Preservative Codes: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

APPENDIX B
BORING LOGS AND GW-1 FORMS



Apex Companies

BORING NUMBER MW-64

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC
DATE/TIME STARTED 2020-12-17 00:00 **COMPLETED** 2020-12-18 00:00 **GROUND ELEVATION** 730.83 ft **TOP OF CASING** 730.39 ft
DRILLING CONTRACTOR Parratt-Wolff **EQUIPMENT**
DRILLER Kevin White **GROUND WATER LEVELS AND TIME:**
LOGGED BY Kyle Zigler **BOREHOLE DIAMETER** 8 in. **DURING DRILLING** 39.90 ft / Elev 690.93 ft
METHOD Hollow Stem Auger 8.25" & 2" Spoons **AFTER DRILLING** 38.24 ft / Elev 692.59 ft

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 2
				LEAN CLAY WITH SAND, (CL-ML) 2.5YR 4/6, moist		728.8
	PID = 2.4			LEAN CLAY WITH SAND, (CL-ML)		726.8
5	PID = 0.5			SILTY SAND, (SC-SM)		724.8
	PID = 0.5			SILTY SAND, (SC-SM) 2.5YR 4/6, dry		722.8
	PID = 0.5			SILTY SAND, (SC-SM)		720.8
10	PID = 0.4			SILTY SAND, (SM) 5YR 5/6, dry		718.8
	PID = 0.6			SILTY SAND, (SM)		716.8
15	PID = 0.8			SILTY SAND, (SM)		714.8
	PID = 0.9			SILTY SAND, (SM) 7.5YR 4/3, dry		712.8
	PID = 0.1			SILTY SAND, (SM)		710.8
20	PID = 0.4			SILTY SAND, (SM)		708.8
	PID = 0.7			POORLY GRADED SAND WITH SILT, (SP-SM) 7.5YR 4/3, dry		706.8
25	PID = 0.7			POORLY GRADED SAND WITH SILT, (SP-SM)		704.8
	PID = 0.8			POORLY GRADED SAND WITH SILT, (SP-SM) 10YR 5/4, dry		702.8
	PID = 0.9			POORLY GRADED SAND WITH SILT, (SP-SM)		700.8
30	PID = 0.6			POORLY GRADED SAND WITH SILT, (SP-SM) 10YR 6/4, dry		698.8
	PID = 0.5					← bentonite

CPC HUNTERSVILLE BH MW - GINT STD US LAB.GDT - 5-22-21 17:33 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\OPEC HUNTERSVILLE.GPJ

(Continued Next Page)



Apex Companies

BORING NUMBER MW-64

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
	PID = 0.5		34.0	POORLY GRADED SAND WITH SILT, (SP-SM) <i>(continued)</i>		696.8
	PID = 0.4		36.0	POORLY GRADED SAND WITH SILT, (SP-SM)		694.8
	PID = 0.3		38.0	POORLY GRADED SAND WITH SILT, (SP-SM) 10YR 4/2, dry		692.8
	PID = 0.3		40.0	POORLY GRADED SAND WITH SILT, (SP-SM) 10YR 4/2, coarse grained, moist		690.8
	PID = 0.3		42.0	POORLY GRADED SAND WITH SILT, (SP-SM)		688.8
	PID = 0.7		44.0	POORLY GRADED SAND WITH SILT, (SP-SM)		686.8
	PID = 0.1		46.0	POORLY GRADED SAND WITH SILT, (SP-SM)		684.8
	PID = 0.1		48.0	POORLY GRADED SAND WITH SILT, (SP-SM) 10YR 3/2, coarse grained, moist		682.8
	PID = 0.2		50.0	Bottom of borehole at 30.0 feet.		680.8

GP Sand
2-in. Sch 40 PVC
0.010 slotted
screen

WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

1. Well Contractor Information:

Kevin White

Well Contractor Name

2973

NC Well Contractor Certification Number

Parratt-Wolff, Inc.

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☒ Monitoring ☐ Recovery

Injection Well:

- ☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 12-19-20 Well ID# MW-64

5a. Well Location:

Colonial Pipeline Company

Facility/Owner Name

Facility ID# (if applicable)

14511 Huntersville-Concord Road, Huntersville, NC 28078

Physical Address, City, and Zip

Mecklenburg

County

Parcel Identification No. (PIN)

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

35.413329 N -80.804060 W

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

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

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

8. Number of wells constructed: 1

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

9. Total well depth below land surface: 70 (ft.)

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

10. Static water level below top of casing: 40 (ft.)

If water level is above casing, use " "

11. Borehole diameter: 2 (in.)

12. Well construction method: 8 1/4 HSA & 2" spoons

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

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) Method of test:

13b. Disinfection type: Amount:

For Internal Use ONLY:

14. WATER ZONES

FROM	TO	DESCRIPTION
40 ft.	70 ft.	wet
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	35 ft.	2 in.	sch40	pvc
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
35 ft.	70 ft.	2 in.	.010	sch40	pvc
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	30 ft.	Portland Cem	Tremie
30 ft.	33 ft.	Bentonite Chi	Tremie
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
33 ft.	70 ft.	#1 Sand	Tremie
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

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

21. REMARKS

2 x 2 Pad

8" FMC

22. Certification:

Signature of Certified Well Contractor: Kevin E. White Date: 1.13.21

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. For Water Supply & Injection Wells:

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



Apex Companies

BORING NUMBER MW-69

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC
DATE/TIME STARTED 2020-12-14 00:00 **COMPLETED** 2020-12-15 00:00 **GROUND ELEVATION** 741.42 ft **TOP OF CASING** 741.74 ft
DRILLING CONTRACTOR Parratt-Wolff **EQUIPMENT** CME 850X
DRILLER Kevin White **GROUND WATER LEVELS AND TIME:**
LOGGED BY Kyle Zigler **BOREHOLE DIAMETER** 8.25 in. **DURING DRILLING** 54.00 ft / Elev 687.42 ft
METHOD Hollow Stem Auger 4.25" **AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						
10				2.0 SANDY LEAN CLAY, (CL) 5YR 4/6 4.0 SANDY LEAN CLAY, (CL) 5YR 4/6 6.0 SILTY SAND, (SM) 5YR 5/8, dry 8.0 SILTY SAND, (SM) 5YR 5/8, dry 10.0 SILTY SAND, (SM) 5YR 5/8, dry 12.0 SILTY SAND, (SM) 5YR 5/8, dry 14.0 SILTY SAND, (SM) 5YR 5/8, dry 16.0 SILTY SAND, (SM) 7.5YR 6/6, dry 18.0 SILTY SAND, (SM) 7.5YR 6/6, dry 20.0 POORLY GRADED SAND WITH SILT, (SP-SM) 7.5YR 6/6, dry 22.0 POORLY GRADED SAND WITH SILT, (SP-SM) 10YR 5/6, dry 24.0 POORLY GRADED SAND WITH SILT, (SP-SM) 10YR 5/6, dry 26.0 POORLY GRADED SAND WITH SILT, (SP-SM) 10YR 5/3, dry 28.0 POORLY GRADED SAND WITH SILT, (SP-SM) 10YR 5/3, dry 30.0 POORLY GRADED SAND WITH SILT, (SP-SM) 10YR 5/3, dry 32.0 POORLY GRADED SAND WITH SILT, (SP-SM) 10YR 5/3, dry 34.0 POORLY GRADED SAND WITH SILT, (SP-SM) 10YR 5/3, dry 36.0 POORLY GRADED SAND WITH SILT, (SP-SM) 10YR 5/3, dry 38.0 POORLY GRADED SAND WITH SILT, (SP-SM) 10YR 5/3, dry 40.0 POORLY GRADED SAND WITH SILT, (SP-SM) 10YR 5/3, dry 42.0 POORLY GRADED SAND WITH SILT, (SP-SM) 10YR 5/3, dry 44.0 POORLY GRADED SAND WITH SILT, (SP-SM) 10YR 5/3, dry 46.0 POORLY GRADED SAND WITH SILT, (SP-SM) 10YR 5/3, dry 48.0 POORLY GRADED SAND WITH SILT, (SP-SM) 10YR 5/3, dry 50.0 POORLY GRADED SAND WITH SILT, (SP-SM) 10YR 5/3, dry 52.0 POORLY GRADED SAND WITH SILT, (SP-SM) 10YR 5/3, dry 54.0 POORLY GRADED SAND WITH SILT, (SP-SM) 10YR 5/2, dry 56.0 POORLY GRADED SAND WITH SILT, (SP-SM) 10YR 5/2, dry 58.0 POORLY GRADED SAND WITH SILT, (SP-SM) 10YR 5/2, dry 60.0 POORLY GRADED SAND WITH SILT, (SP-SM) 10YR 5/2, dry	739.4 737.4 735.4 733.4 731.4 729.4 727.4 725.4 723.4 721.4 719.4 717.4 715.4 713.4 711.4 709.4 707.4 705.4 703.4 701.4 699.4 697.4 695.4 693.4 691.4 689.4 687.4 685.4 683.4 681.4	Casing Type: 4 grout 4-in. Sch 40 PVC casing bentonite pellets silica sand #2 4-in. Sch 40 PVC 0.010 slotted screen

(Continued Next Page)



Apex Companies

BORING NUMBER MW-69

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
				WITH SILT, (SP-SM) 10YR 5/2, dry		
				POORLY GRADED SAND WITH SILT, (SP-SM) 10YR 5/2, dry		
				POORLY GRADED SAND, (SP) 10YR 4/1, dry		
				POORLY GRADED SAND, (SP) 10YR 4/1, dry		
				POORLY GRADED SAND, (SP) 10YR 4/1, dry		
				POORLY GRADED SAND, (SP) 10YR 4/1, moist		
				POORLY GRADED SAND WITH GRAVEL, (GP) 10YR 4/1, moist		
				POORLY GRADED SAND WITH GRAVEL, (GP) 10YR 4/1, moist		
				POORLY GRADED SAND WITH GRAVEL, (GP) 10YR 4/1, moist		
				POORLY GRADED SAND WITH GRAVEL, (GP) 10YR 4/1, moist		
				Refusal at 60.5 feet. Bottom of borehole at 60.5 feet.		

WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

1. Well Contractor Information:

Kevin White

Well Contractor Name

2973

NC Well Contractor Certification Number

Parratt-Wolff, Inc.

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☒ Monitoring ☐ Recovery

Injection Well:

- ☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 12-16-20 Well ID# MW-69

5a. Well Location:

Colonial Pipeline Company

Facility/Owner Name

Facility ID# (if applicable)

14511 Huntersville-Concord Road, Huntersville, NC 28078

Physical Address, City, and Zip

Mecklenburg

County

Parcel Identification No. (PIN)

5b. Latitude and Longitude in degrees/minutes/seconds or decimal degrees:

(if well field, one lat/long is sufficient)

35.413842 N -80.804434 W

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

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

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

8. Number of wells constructed: 1

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

9. Total well depth below land surface: 60 (ft.)
For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: 48 (ft.)
If water level is above casing, use " "

11. Borehole diameter: 4 (in.)

12. Well construction method: 8 1/4 HSA / 10 5/8 HSA
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) Method of test:

13b. Disinfection type: Amount:

For Internal Use ONLY:

14. WATER ZONES

FROM	TO	DESCRIPTION
48 ft.	60 ft.	wet
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	30 ft.	2 in.	sch40	pvc
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
30 ft.	60 ft.	2 in.	.010	sch40	pvc
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	26 ft.	Portland Cem	Tremie
26 ft.	28 ft.	Bentonite Chi	Tremie
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
28 ft.	60 ft.	#1 Sand	Tremie
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

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

21. REMARKS

22. Certification:

Signature of Certified Well Contractor

1-21-21
Date

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. For Water Supply & Injection Wells:

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



Apex Companies

BORING NUMBER MW-71

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC
DATE/TIME STARTED 2021-01-04 00:00 **COMPLETED** 2021-01-06 00:00 **GROUND ELEVATION** 743.39 ft **TOP OF CASING** 746.97 ft
DRILLING CONTRACTOR Parratt-Wolff **EQUIPMENT**
DRILLER Malcom Philips/Kevin White **GROUND WATER LEVELS AND TIME:**
LOGGED BY Kyle Prock **BOREHOLE DIAMETER** 8.25 in. **DURING DRILLING** ---
METHOD Hollow Stem Auger 8.25" & 2" Spoons **AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						
10				LEAN CLAY, (CL) 2.5YR 3/6, dry LEAN CLAY, (CL) LEAN CLAY, (CL) 2.5YR 5/8, dry SILTY SAND, (SM) SILTY SAND, (SM) 5YR 4/6, dry SILTY SAND, (SM) 5YR 4/6, dry SILTY SAND, (SM) 10YR 4/6, dry SILTY SAND, (SM) SILTY SAND, (SM) 10YR 4/6, dry SILTY SAND, (SM) SILTY SAND, (SM) SILTY SAND, (SM) 10YR 5/8, dry POORLY GRADED SAND WITH SILT, (SP-SM) POORLY GRADED SAND WITH SILT, (SP-SM) POORLY GRADED SAND WITH SILT, (SP-SM) 10YR 5/3, dry POORLY GRADED SAND WITH SILT, (SP-SM) POORLY GRADED SAND WITH SILT, (SP-SM) POORLY GRADED SAND WITH SILT, (SP-SM) 10YR 4/3, dry POORLY GRADED SAND WITH SILT, (SP-SM) POORLY GRADED SAND WITH SILT, (SP-SM) POORLY GRADED SAND WITH SILT, (SP-SM) 10YR 5/2, dry POORLY GRADED SAND WITH SILT, (SP-SM) WELL GRADED SAND WITH SILT AND GRAVEL, (SW-SM) 10YR 3/2, dry WELL GRADED SAND WITH SILT AND GRAVEL, (SW-SM) WELL GRADED SAND WITH SILT AND GRAVEL, (SW-SM) WELL GRADED SAND WITH SILT AND GRAVEL, (SW-SM) 10YR 4/2, dry WELL GRADED SAND WITH SILT AND GRAVEL, (SW-SM) WELL GRADED SAND WITH		grout Sch 40 PVC casing bentonite silica sand #2 Sch 40 PVC 0.010 slotted screen

(Continued Next Page)



Apex Companies

BORING NUMBER MW-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
				SILT AND GRAVEL, (SW-SM) 10YR 3/2, moist Bottom of borehole at 65.0 feet.		

WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

1. Well Contractor Information:

Kevin White

Well Contractor Name

2973

NC Well Contractor Certification Number

Parratt-Wolff, Inc.

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☒ Monitoring ☐ Recovery

Injection Well:

- ☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 1/5/21 Well ID# MW-71

5a. Well Location:

Colonial Pipeline Company

Facility/Owner Name

Facility ID# (if applicable)

14511 Huntersville-Concord Road, Huntersville, NC 28078

Physical Address, City, and Zip

Mecklenburg

County

Parcel Identification No. (PIN)

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

35.414153 N -80.804562 W

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

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

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

8. Number of wells constructed: 1

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

9. Total well depth below land surface: 65 (ft.)
For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: 37 (ft.)
If water level is above casing, use "A"

11. Borehole diameter: 2 (in.)

12. Well construction method: 8 1/4 HSA & 2" split spoons
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) Method of test:

13b. Disinfection type: Amount:

For Internal Use ONLY

14. WATER ZONES

FROM	TO	DESCRIPTION
37 ft.	65 ft.	wet
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	50 ft.	2 in.	sch40	pvc
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
50 ft.	65 ft.	2 in.	.010	sch40	pvc
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	42.5 ft.	Portland Cem	Tremie
42.5 ft.	47 ft.	Bentonite Chi	Tremie
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
47 ft.	65 ft.	#1 Sand	Tremie
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

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

21. REMARKS

No cover

22. Certification:

Signature of Certified Well Contractor  Date 1-21-21

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. For Water Supply & Injection Wells:

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



Apex Companies

BORING NUMBER MW-77

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC
DATE/TIME STARTED 2021-02-24 00:00 **COMPLETED** 2021-02-24 00:00 **GROUND ELEVATION** 719.05 ft **TOP OF CASING** 722.70 ft
DRILLING CONTRACTOR Parratt-Wolff **EQUIPMENT**
DRILLER Kevin White **GROUND WATER LEVELS AND TIME:**
LOGGED BY Kyle Prock **BOREHOLE DIAMETER** 8 in. **DURING DRILLING** ---
METHOD Split Spoon **AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						
	SS 1	PID = 0		SILT WITH SAND, (ML) red brown, dry		
10	SS 2	PID = 0		SILT WITH SAND, (ML) tan red, dry		
	SS 3	PID = 0.1		SILT WITH SAND, (ML) brown red, dry		
20	SS 4	PID = 0.2		SILT WITH SAND, (ML) brown brown, dry		
	SS 5	PID = 0		SILT WITH SAND, (ML) brown black, moist		
30	SS 6	PID = 0		SILT WITH SAND, (ML) brown black, moist		
	SS 7	PID = 0		SILT WITH SAND, (ML) brown black, moist		
40	SS 8	PID = 0		SILT WITH SAND, (ML) brown brown, wet		
				Bottom of borehole at 45.0 feet.		

WELL DIAGRAM details:
grout
Sch 40 PVC casing
712.1
707.1
bentonite
702.1
697.1
692.1
silica sand #2
Sch 40 PVC 0.010 slotted screen
687.1
682.1
677.1

CPC HUNTERSVILLE_BH_MW - GINT STD US LAB.GDT - 5-22-21 17:37 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\OPEC HUNTERSVILLE.GPJ

WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

1. Well Contractor Information:

Kevin White

Well Contractor Name

2973

NC Well Contractor Certification Number

Parratt-Wolff, Inc.

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☒ Monitoring ☐ Recovery

Injection Well:

- ☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 2/24/21 Well ID# MW-77

5a. Well Location:

Colonial Pipeline Company

Facility/Owner Name

Facility ID# (if applicable)

14511 Huntersville-Concord Road, Huntersville, NC 28078

Physical Address, City, and Zip

Mecklenburg

County

Parcel Identification No. (PIN)

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

35.412725 N -80.807561 W

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

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

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

8. Number of wells constructed: 1

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

9. Total well depth below land surface: 45 (ft.)
For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: 25 (ft.)
If water level is above casing, use "-"

11. Borehole diameter: 2 (in.)

12. Well construction method: 8 1/4 HSA & 2" split spoons
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) Method of test:

13b. Disinfection type: Amount:

For Internal Use ONLY:

14. WATER ZONES

FROM	TO	DESCRIPTION
25 ft.	45 ft.	wet
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	15 ft.	2 in.	sch40	pvc
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
15 ft.	45 ft.	2 in.	.010	sch40	pvc
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	10 ft.	Portland Cem	Tremie
10 ft.	13 ft.	Bentonite Chi	Tremie
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
13 ft.	45 ft.	#1 Sand	Tremie
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

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

21. REMARKS

4" Stick up cover

2 x2 pad

22. Certification:

Signature of Certified Well Contractor

8.4.21
Date

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. For Water Supply & Injection Wells:

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



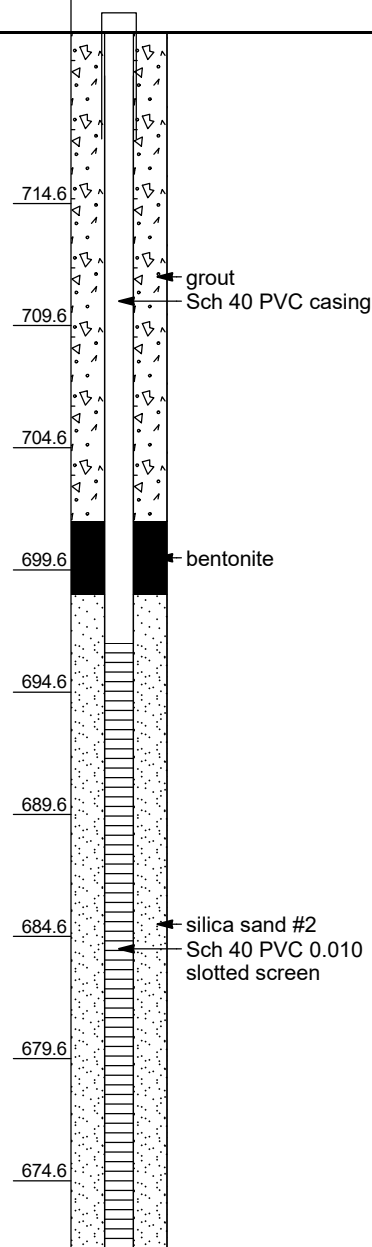
Apex Companies

BORING NUMBER MW-78

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC
DATE/TIME STARTED 2021-02-24 00:00 **COMPLETED** 2021-02-24 00:00 **GROUND ELEVATION** 721.57 ft **TOP OF CASING** 725.08 ft
DRILLING CONTRACTOR Parratt-Wolff **EQUIPMENT** _____
DRILLER Kevin White **GROUND WATER LEVELS AND TIME:** _____
LOGGED BY Kyle Prock **BOREHOLE DIAMETER** 8 in. **DURING DRILLING** ---
METHOD Split Spoon **AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						
	SS 1	PID = 0.1		SANDY SILT, (ML) 10R 5/8, dry		714.6
10	SS 2	PID = 0.4		SANDY SILT, (ML) 2.5YR 4/6, dry		709.6
	SS 3	PID = 0.5		SANDY SILT, (ML) 5YR 5/4, dry		704.6
20	SS 4	PID = 0.5		SANDY SILT, (ML) dry		699.6
	SS 5	PID = 0		SILT WITH SAND, (ML) 10YR 5/6, dry		694.6
30	SS 6	PID = 0		SILT WITH SAND, (ML) 10YR 4/6, dry		689.6
	SS 7	PID = 0		SILT WITH SAND, (ML) 10YR 4/6, moist		684.6
40	SS 8	PID = 0		SILT WITH SAND, (ML) 10YR 4/3, moist		679.6
	SS 9	PID = 0		SILT WITH SAND, (ML) moist		674.6
50				Bottom of borehole at 50.0 feet.		

CPC HUNTERSVILLE BH MW - GINT STD US LAB.GDT - 5-22-21 17:38 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\CPC HUNTERSVILLE.GPJ



WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

1. Well Contractor Information:

Kevin White

Well Contractor Name

2973

NC Well Contractor Certification Number

Parratt-Wolff, Inc.

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☒ Monitoring ☐ Recovery

Injection Well:

- ☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 2/25/21 Well ID# MW-78

5a. Well Location:

Colonial Pipeline Company

Facility/Owner Name

Facility ID# (if applicable)

14511 Huntersville-Concord Road, Huntersville, NC 28078

Physical Address, City, and Zip

Mecklenburg

County

Parcel Identification No. (PIN)

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

35.412904 N -80.807584 W

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

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

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

8. Number of wells constructed: 1

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

9. Total well depth below land surface: 50 (ft.)
For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: 40 (ft.)
If water level is above casing, use " "

11. Borehole diameter: 2 (in.)

12. Well construction method: 8 1/4 HSA & 2" split spoons
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) Method of test:

13b. Disinfection type: Amount:

For Internal Use ONLY:

14. WATER ZONES

FROM	TO	DESCRIPTION
35 ft.	45 ft.	wet
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	25 ft.	2 in.	sch40	pvc
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
25 ft.	50 ft.	2 in.	.010	sch40	pvc
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	20 ft.	Portland Cem	Tremie
20 ft.	23 ft.	Bentonite Chi	Tremie
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
23 ft.	50 ft.	#1 Sand	Tremie
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

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

21. REMARKS

4" Stick up cover

2 x2 pad

22. Certification:

Signature of Certified Well Contractor Kevin White Date 3.21.21

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. For Water Supply & Injection Wells:

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



Apex Companies

BORING NUMBER MW-79

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC
DATE/TIME STARTED 2021-02-25 00:00 **COMPLETED** 2021-02-25 00:00 **GROUND ELEVATION** 718.7 ft **TOP OF CASING** 721.56 ft
DRILLING CONTRACTOR Parratt-Wolff **EQUIPMENT**
DRILLER Kevin White **GROUND WATER LEVELS AND TIME:**
LOGGED BY Kyle Prock **BOREHOLE DIAMETER** 8 in. **DURING DRILLING** ---
METHOD Split Spoon **AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						
5						
	SS 1			SANDY SILT, (ML) 10YR 4/6		
				7.0		
10						
	SS 2	PID = 0		SANDY SILT, (ML) 10R 4/6		
				12.0		
15						
	SS 3	PID = 0		SANDY SILT, (ML) 5YR 6/6		
				17.0		
20						
	SS 4	PID = 0		SANDY SILT, (ML) 7.5YR 4/2		
				22.0		
25						
	SS 5	PID = 0		SANDY SILT, (ML) 10YR 3/2		
				27.0		
30						
	SS 6	PID = 0		SANDY SILT, (ML) 10YR 3/1		
				32.0		
35						
	SS 7	PID = 0		SANDY SILT, (ML) 10YR 3/2		
				37.0		
				Bottom of borehole at 38.0 feet.		

CPC HUNTERSVILLE BH MW - GINT STD US LAB.GDT - 5-22-21 17:38 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\CPC HUNTERSVILLE.GPJ

Well diagram details:
- Grout: 711.7 ft
- Sch 40 PVC casing: 706.7 ft
- bentonite: 701.7 ft
- silica sand #2: 691.7 ft
- Sch 40 PVC 0.010 slotted screen: 686.7 ft
- Bottom of borehole: 681.7 ft

WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

1. Well Contractor Information:

Kevin White

Well Contractor Name

2973

NC Well Contractor Certification Number

Parratt-Wolff, Inc.

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☒ Monitoring ☐ Recovery

Injection Well:

- ☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 2/25/21 Well ID# MW-79

5a. Well Location:

Colonial Pipeline Company

Facility/Owner Name

Facility ID# (if applicable)

14511 Huntersville-Concord Road, Huntersville, NC 28078

Physical Address, City, and Zip

Mecklenburg

County

Parcel Identification No. (PIN)

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

35.412541 N -80.807348 W

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

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

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

8. Number of wells constructed: 1

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

9. Total well depth below land surface: 38 (ft.)

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

10. Static water level below top of casing: 30 (ft.)

If water level is above casing, use " "

11. Borehole diameter: 2 (in.)

12. Well construction method: 8 1/4 HSA & 2" split spoons

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

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) Method of test:

13b. Disinfection type: Amount:

For Internal Use ONLY:

14. WATER ZONES

FROM	TO	DESCRIPTION
30 ft.	48 ft.	wet
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	18 ft.	2 in.	sch40	pvc
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
18 ft.	38 ft.	2 in.	.010	sch40	pvc
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	13 ft.	Portland Cem	Tremie
13 ft.	16 ft.	Bentonite Chi	Tremie
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
16 ft.	38 ft.	#1 Sand	Tremie
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

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

21. REMARKS

4" Stick up cover

2 x2 pad

22. Certification:

Signature of Certified Well Contractor Ken White Date 3.21.21

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. For Water Supply & Injection Wells:

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



Apex Companies

BORING NUMBER MW-83

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC
DATE/TIME STARTED 2021-03-05 00:00 **COMPLETED** 2021-03-05 00:00 **GROUND ELEVATION** 725.21 ft **TOP OF CASING** 724.91 ft
DRILLING CONTRACTOR Parratt-Wolff **EQUIPMENT** CME 550X
DRILLER Kevin White **GROUND WATER LEVELS AND TIME:**
LOGGED BY C. Alexander **BOREHOLE DIAMETER** 8 in. **DURING DRILLING** ---
METHOD Hollow Stem Auger 8.25" **AFTER DRILLING** 30.79 ft / Elev 694.42 ft

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
	GB 1	PID = 0		SILTY SAND, (SM) dark brown		
10	GB 2	PID = 0		SILTY SAND, (SM) dark brown		715.2 713.2 grout 4-in. Sch 40 PVC casing
	SS 3	PID = 0		SILTY SAND, (SM) dark yellow red		708.2
20	SS 4	PID = 0		POORLY GRADED SAND WITH SILT, (SP-SM) light yellow		703.2 bentonite
	SS 5	PID = 0		SILTY SAND, (SM) pale yellow		698.2
30	SS 6	PID = 0		POORLY GRADED SAND WITH SILT, (SP-SM) light brown		693.2
	SS 7	PID = 0		POORLY GRADED SAND WITH SILT, (SP-SM) light brown		688.2 silica sand #2 4-in. Sch 40 PVC 0.010 slotted screen
40	SS 2	PID = 0		POORLY GRADED SAND WITH SILT, (SP-SM) dark brown		683.2
				Bottom of borehole at 45.0 feet.		

CPC_HUNTERSVILLE_BH_MW - GINT STD US LAB.GDT - 5-22-21 17:39 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\OPEC_HUNTERSVILLE.GPJ

WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

1. Well Contractor Information:

Kevin White

Well Contractor Name

2973

NC Well Contractor Certification Number

Parratt-Wolff, Inc.

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☒ Monitoring ☐ Recovery

Injection Well:

- ☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 3/5/21 Well ID# MW-83

5a. Well Location:

Colonial Pipeline Company

Facility/Owner Name

Facility ID# (if applicable)

14511 Huntersville-Concord Road, Huntersville, NC 28078

Physical Address, City, and Zip

Mecklenburg

County

Parcel Identification No. (PIN)

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

35.413250 N -80.808001 W

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

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

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

8. Number of wells constructed: 1

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

9. Total well depth below land surface: 44.5 (ft.)

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

10. Static water level below top of casing: 38 (ft.)

If water level is above casing, use " "

11. Borehole diameter: 4 (in.)

12. Well construction method: 10 5/8 HSA & 2" spoons

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

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) Method of test:

13b. Disinfection type: Amount:

For Internal Use ONLY:

14. WATER ZONES

FROM	TO	DESCRIPTION
38 ft.	44.5 ft.	wet
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	24.5 ft.	2 in.	sch40	pvc
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
24.5 ft.	44.5 ft.	2 in.	.010	sch40	pvc
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	20 ft.	Portland Cem	Tremie
20 ft.	22 ft.	Bentonite Chi	Tremie
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
22 ft.	44.5 ft.	#1 Sand	Tremie
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

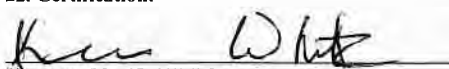
FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

8" Flushmount

2 x2 pad

22. Certification:

Signature of Certified Well Contractor:  Date: 4.1.21

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. For Water Supply & Injection Wells:

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



Apex Companies

BORING NUMBER MW-84

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC
DATE/TIME STARTED 2021-03-06 00:00 **COMPLETED** 2021-03-06 00:00 **GROUND ELEVATION** 724.43 ft **TOP OF CASING** 723.99 ft
DRILLING CONTRACTOR Parratt-Wolff **EQUIPMENT** CME 550X
DRILLER Kevin White **GROUND WATER LEVELS AND TIME:**
LOGGED BY C. Alexander **BOREHOLE DIAMETER** 8 in. **DURING DRILLING** 30.58 ft / Elev 693.85 ft
METHOD Hollow Stem Auger 8.25" **AFTER DRILLING** ---

CPC HUNTERSVILLE BH MW - GINT STD US LAB.GDT - 5-22-21 17:40 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\CPC HUNTERSVILLE.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
0	GB 1			SILTY SAND, (SM) dark red brown		
5		PID = 0				grout
10	SS 2	PID = 0		SILTY SAND, (SM) dark red brown		714.4
10.0						712.4
12.0						bentonite
15	SS 3	PID = 0.7		SILTY SAND, (SM) dark brown		707.4
17.0						
20	SS 4	PID = 1.3		SILTY SAND, (SM) dark yellow brown		702.4
22.0						
25	SS 5	PID = 1.1		SILTY SAND, (SM) pale brown olive		697.4
27.0						4-in. Sch 40 PVC 0.010 slotted screen
30	SS 6	PID = 0.5		SILTY SAND, (SM) pale brown gray		692.4
32.0						
35	SS 7	PID = 0.1		POORLY GRADED SAND WITH SILT, (SP-SM) pale brown gray		687.6
36.8				Bottom of borehole at 36.8 feet.		

WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

1. Well Contractor Information:

Kevin White

Well Contractor Name

2973

NC Well Contractor Certification Number

Parratt-Wolff, Inc.

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☒ Monitoring ☐ Recovery

Injection Well:

- ☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 3/6/21 Well ID# MW-84

5a. Well Location:

Colonial Pipeline Company

Facility/Owner Name

Facility ID# (if applicable)

14511 Huntersville-Concord Road, Huntersville, NC 28078

Physical Address, City, and Zip

Mecklenburg

County

Parcel Identification No. (PIN)

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

35.413196 N -80.807938 W

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

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

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

8. Number of wells constructed: 1

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

9. Total well depth below land surface: 36.5 (ft.)
For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: 32 (ft.)
If water level is above casing, use " "

11. Borehole diameter: 4 (in.)

12. Well construction method: 10 5/8 HSA & 2" spoons
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) Method of test:

13b. Disinfection type: Amount:

For Internal Use ONLY:

14. WATER ZONES

FROM	TO	DESCRIPTION
32 ft.	36.5 ft.	wet
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	16 ft.	2 in.	sch40	pvc
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
16 ft.	36.5 ft.	2 in.	.010	sch40	pvc
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	9 ft.	Portland Cem	Tremie
9 ft.	11 ft.	Bentonite Chi	Tremie
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
11 ft.	36.5 ft.	#1 Sand	Tremie
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

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

21. REMARKS

8" Flushmount

2 x2 pad

22. Certification:

Signature of Certified Well Contractor: [Signature] Date: 4.1.21

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. For Water Supply & Injection Wells:

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



Apex Companies

BORING NUMBER MW-86

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC
DATE/TIME STARTED 2021-03-17 00:00 **COMPLETED** 2021-03-17 00:00 **GROUND ELEVATION** 724.51 ft **TOP OF CASING** 724.28 ft
DRILLING CONTRACTOR Parratt-Wolff **EQUIPMENT**
DRILLER Kevin White **GROUND WATER LEVELS AND TIME:**
LOGGED BY Kyle Prock **BOREHOLE DIAMETER** 4 in. **DURING DRILLING** ---
METHOD Split Spoon **AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10				SILTY SAND, (SM) red brown, dry		
	SS 1	PID = 0.9		10.0 12.0 SILTY SAND, (SM) 7.5YR 5/2, dry		714.5 712.5 grout 4-in. Sch 40 PVC casing bentonite
	SS 2	PID = 0.7		17.0 SILTY SAND, (SM) 7.5YR 4/6, dry		707.5
20	SS 3	PID = 0.1		22.0 SILTY SAND, (SM) 10YR 4/2, dry		702.5
	SS 4	PID = 0.5		27.0 SILTY SAND, (SM) 10YR 3/2, dry		697.5
30	SS 5	PID = 0		32.0 SILTY SAND, (SM) 10YR 4/1, dry		692.5 silica sand #2 4-in. Sch 40 PVC 0.010 slotted screen
	SS 6	PID = 0		37.0 SILTY SAND, (SM) 10YR 4/3, wet		687.5
40						
				Bottom of borehole at 46.0 feet.		

CPC HUNTERSVILLE BH MW - GINT STD US LAB.GDT - 5-22-21 17:40 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\CPC HUNTERSVILLE.GPJ

WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

1. Well Contractor Information:

Kevin White

Well Contractor Name

2973

NC Well Contractor Certification Number

Parratt-Wolff, Inc.

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☒ Monitoring ☐ Recovery

Injection Well:

- ☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 3/14/21 Well ID# MW-86

5a. Well Location:

Colonial Pipeline Company

Facility/Owner Name

Facility ID# (if applicable)

14511 Huntersville-Concord Road, Huntersville, NC 28078

Physical Address, City, and Zip

Mecklenburg

County

Parcel Identification No. (PIN)

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

35.412011 N -80.805826 W

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

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

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

8. Number of wells constructed: 1

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

9. Total well depth below land surface: 46 (ft.)

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

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

If water level is above casing, use " "

11. Borehole diameter: 4 (in.)

12. Well construction method: 10 5/8 HSA & 2" spoons

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

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) Method of test:

13b. Disinfection type: Amount:

For Internal Use ONLY:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0	ft. 16	ft. 2	in. sch40	pvc
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
16	ft. 46	ft. 2	in. .010	sch40	pvc
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0	ft. 7.5	ft. Portland Cem	Tremie
7.5	ft. 10	ft. Bentonite Chi	Tremie
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
10	ft. 46	ft. #1 Sand	Tremie
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

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

21. REMARKS

2 x2 pad and cover

22. Certification:

Signature of Certified Well Contractor Kevin White Date 4-1-21

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. **For Water Supply & Injection Wells:**

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



Apex Companies

BORING NUMBER AS-12

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC
DATE/TIME STARTED 2020-12-14 00:00 **COMPLETED** 2020-12-15 00:00 **GROUND ELEVATION** 731.85 ft **TOP OF CASING** 731.78 ft
DRILLING CONTRACTOR Parratt-Wolff **EQUIPMENT** CME-550X
DRILLER Kevin White **GROUND WATER LEVELS AND TIME:**
LOGGED BY Bill Jones **BOREHOLE DIAMETER** 2 in. **∇ DURING DRILLING** 40.00 ft / Elev 691.85 ft
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: 2
5.0				LEAN CLAY WITH SAND, (CL-ML) red, dry		726.9
10.0				LEAN CLAY WITH SAND, (CL-ML) red, dry		721.9
15.0				LEAN CLAY WITH SAND, (CL) brown, dry		716.9
20.0				LEAN CLAY WITH SAND, (CL) brown, dry		711.9
25.0				LEAN CLAY WITH SAND, (CL-ML) gray, moist		706.9
30.0				LEAN CLAY WITH SAND, (CL-ML) gray, moist		701.9
35.0				LEAN CLAY WITH SAND, (CL-ML) gray, moist		696.9
40.0				LEAN CLAY WITH SAND, (CL-ML) dark gray, moist		691.9
45.0				LEAN CLAY WITH SAND, (CL-ML) dark gray, moist		686.9
50.0				LEAN CLAY WITH SAND, (CL-ML) dark gray, moist		681.9
55.0				LEAN CLAY WITH SAND, (CL-ML) dark gray, saturated		676.9
60.0				LEAN CLAY WITH SAND, (CL-ML) dark gray, wet		671.9
65.0				Bottom of borehole at 63.0 feet.		666.9

CPC HUNTERSVILLE BH MW - GINT STD US LAB.GDT - 5-22-21 17:03 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\OPEC HUNTERSVILLE.GPJ

WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

1. Well Contractor Information:

Kevin White

Well Contractor Name

2973

NC Well Contractor Certification Number

Parratt-Wolff, Inc.

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☒ Monitoring ☐ Recovery

Injection Well:

- ☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 12-12-20 Well ID# AS-12

5a. Well Location:

Colonial Pipeline Company

Facility/Owner Name

Facility ID# (if applicable)

14511 Huntersville-Concord Road, Huntersville, NC 28078

Physical Address, City, and Zip

Mecklenburg

County

Parcel Identification No. (PIN)

5b. Latitude and Longitude in degrees/minutes/seconds or decimal degrees:

(if well field, one lat/long is sufficient)

35.413038 N -80.805552 W

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

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

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

8. Number of wells constructed: 1

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

9. Total well depth below land surface: 63 (ft.)

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

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

If water level is above casing, use " "

11. Borehole diameter: 2 (in.)

12. Well construction method: 8 1/4 HSA

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

FOR WATER SUPPLY WELLS ONLY:

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

13b. Disinfection type: _____ Amount: _____

For Internal Use ONLY:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0	ft. 61	ft. 2	in. sch40	pvc
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
61	ft. 63	ft. 2	in. .010	sch40	pvc
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0	ft. 56	ft. Portland Cem	Tremie
56	ft. 59	ft. Bentonite Chi	Tremie
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
59	ft. 63	ft. #1 Sand	Tremie
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

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

21. REMARKS

No cover

22. Certification:

Signature of Certified Well Contractor Kan Who Date 3.22.21

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. For Water Supply & Injection Wells:

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



Apex Companies

BORING NUMBER HCW-23

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC
DATE/TIME STARTED 2021-02-04 00:00 **COMPLETED** 2021-02-05 00:00 **GROUND ELEVATION** 740.19 ft **TOP OF CASING** 740.60 ft
DRILLING CONTRACTOR Parratt-Wolff **EQUIPMENT** Versa Sonic
DRILLER Kevin White **GROUND WATER LEVELS AND TIME:**
LOGGED BY Jan Schimmelmann **BOREHOLE DIAMETER** 6 in. **∇ DURING DRILLING** 55.00 ft / Elev 685.19 ft
METHOD Hollow Stem Auger/Split Spoon **AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0					No Stratigraphic Logging	Casing Type: 4
10						
20						grout 4-in. Sch 40 PVC casing
30						
40						1/4-in. bentonite pellets, Pel-Plug
50						
60						silica sand 8-30, Southern Products 4-in. Sch 40 PVC 0.010 slotted screen
70						

CPC HUNTERSVILLE_BH_MW - GINT STD US LAB.GDT - 5-22-21 17:08 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\CPC_HUNTERSVILLE.GPJ

WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

1. Well Contractor Information:

Kevin White

Well Contractor Name

2973

NC Well Contractor Certification Number

Parratt-Wolff, Inc.

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☒ Monitoring ☐ Recovery

Injection Well:

- ☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 2-5-21 Well ID# HCW-23

5a. Well Location:

Colonial Pipeline Company

Facility/Owner Name

Facility ID# (if applicable)

14511 Huntersville-Concord Road, Huntersville, NC 28078

Physical Address, City, and Zip

Mecklenburg

County

Parcel Identification No (PIN)

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

35.413866 N -80.804286 W

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

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

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

8. Number of wells constructed: 1

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

9. Total well depth below land surface: 70 (ft.)
For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: 55 (ft.)
If water level is above casing, use " "

11. Borehole diameter: 2 (in.)

12. Well construction method: 10 5/8 HSA & 2" spoons
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) Method of test:

13b. Disinfection type: Amount:

For Internal Use ONLY:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0	ft. 40	ft. 2	in. sch40	pvc
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
40	ft. 70	ft. 2	in. .010	sch40	pvc
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0	ft. 36	ft. Portland Cem	Tremie
36	ft. 38	ft. Bentonite Chi	Tremie
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
38	ft. 70	ft. #1 Sand	Tremie
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

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

21. REMARKS

22. Certification:

Signature of Certified Well Contractor Date 2-28-21

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. For Water Supply & Injection Wells:

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



Apex Companies

BORING NUMBER HCW-24

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC
DATE/TIME STARTED 2021-02-06 00:00 **COMPLETED** 2021-02-06 00:00 **GROUND ELEVATION** 741.42 ft **TOP OF CASING** 741.73 ft
DRILLING CONTRACTOR Parratt-Wolff **EQUIPMENT** Versa Sonic
DRILLER Kevin White **GROUND WATER LEVELS AND TIME:**
LOGGED BY Jan Schimmelmann **BOREHOLE DIAMETER** 6 in. **DURING DRILLING** 55.00 ft / Elev 686.42 ft
METHOD Hollow Stem Auger/Split Spoon **AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10					No Stratigraphic Logging	
20						grout 4-in. Sch 40 PVC casing
30						
40						1/4-in. bentonite pellets, Pel-Plug
50						
60						silica sand 8-30, Southern Products 4-in. Sch 40 PVC 0.010 slotted screen
70						

CPC HUNTERSVILLE_BH_MW - GINT STD US LAB.GDT - 5-22-21 17:08 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\CPC_HUNTERSVILLE.GPJ

WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

1. Well Contractor Information:

Kevin White

Well Contractor Name

2973

NC Well Contractor Certification Number

Parratt-Wolff, Inc.

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☒ Monitoring ☐ Recovery

Injection Well:

- ☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 2-6-21 Well ID# HCW-24

5a. Well Location:

Colonial Pipeline Company

Facility/Owner Name

Facility ID# (if applicable)

14511 Huntersville-Concord Road, Huntersville, NC 28078

Physical Address, City, and Zip

Mecklenburg

County

Parcel Identification No. (PIN)

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

35.413893 N -80.804266 W

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

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

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

8. Number of wells constructed: 1

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

9. Total well depth below land surface: 69 (ft.)
For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: (ft.)
If water level is above casing, use " "

11. Borehole diameter: 2 (in.)

12. Well construction method: 10 5/8 HSA & 2" spoons
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) Method of test:

13b. Disinfection type: Amount:

For Internal Use ONLY

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0	ft. 40	ft. 2	in. sch40	pvc
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
40	ft. 69	ft. 2	in. .010	sch40	pvc
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0	ft. 33	ft. Portland Cem	Tremie
33	ft. 35	ft. Bentonite Chi	Tremie
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
35	ft. 69	ft. #1 Sand	Tremie
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

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

21. REMARKS

22. Certification:

Signature of Certified Well Contractor  Date 3.1.21

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. For Water Supply & Injection Wells:

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



Apex Companies

BORING NUMBER HCW-25

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC
DATE/TIME STARTED 2021-02-11 00:00 **COMPLETED** 2021-02-11 00:00 **GROUND ELEVATION** 729.74 ft **TOP OF CASING** 729.91 ft
DRILLING CONTRACTOR Walker-Hill Environmental **EQUIPMENT** Versa Sonic
DRILLER Mark Machaad **GROUND WATER LEVELS AND TIME:**
LOGGED BY C. Reeves **BOREHOLE DIAMETER** 10 in. **DURING DRILLING** ---
METHOD Sonic **AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
5					No Stratigraphic Logging	
10						grout 4-in. Sch 40 PVC casing
15						1/4-in. bentonite pellets, Pel-Plug
20						
25						
30						silica sand 8-30, Southern Products 4-in. Sch 40 PVC 0.010 slotted screen
35						
40						

CPC HUNTERSVILLE BH MW - GINT STD US LAB.GDT - 5-22-21 17:08 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\CPC HUNTERSVILLE.GPJ

WELL CONSTRUCTION RECORD (GW-1)

1. Well Contractor Information:

Francis Xavier Harrington

Well Contractor Name

4389 A

NC Well Contractor Certification Number

Walker Hill Environmental

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☐ Monitoring ☒ Recovery
☐ Injection Well:
☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 2/11/2021 Well ID# HCW-25

5a. Well Location:

Colonial Pipeline

Facility/Owner Name

Facility ID# (if applicable)

Huntersville - Concord Rd, Huntersville
28098

Physical Address, City, and Zip

Mecklenburg

County

01940102

Parcel Identification No. (PIN)

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

35.413586 N 80.806516 W

6. Is(are) the well(s) ☒ Permanent or ☐ Temporary

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

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

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: 1

9. Total well depth below land surface: 43 (ft.)
 For multiple wells list all depths if different (example: 3@200' and 2@100')

10. Static water level below top of casing: _____ (ft.)
 If water level is above casing, use "+"

11. Borehole diameter: 12 (in.)

12. Well construction method: Sonic
 (i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

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

13b. Disinfection type: _____ Amount: _____

For Internal Use Only:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		
<u>1</u>	<u>18</u>	<u>4</u>	<u>Sch 40</u>	<u>PVL</u>
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
ft.	ft.	in.			
<u>18</u>	<u>43</u>	<u>4</u>	<u>2010</u>	<u>Sch 40</u>	<u>PVL</u>
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
ft.	ft.		
<u>16</u>	<u>18</u>	<u>Pellets</u>	<u>Poured 12-Buckets</u>
<u>2</u>	<u>16</u>	<u>Cement</u>	<u>Trimmis 18-Bags</u>
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
ft.	ft.		
<u>18</u>	<u>43</u>	<u>#2 Sand</u>	<u>Poured/Vibrate</u>
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	
<u>40</u>	<u>43</u>	<u>No Soil Log</u> <u>Straight Drilled</u> <u>Hard Rock</u>
ft.	ft.	
ft.	ft.	

21. REMARKS

8" bore hole from 40'-43'

22. Certification:

Francis Xavier Harrington
 Signature of Certified Well Contractor

3/15/2021
 Date

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. **For Water Supply & Injection Wells:** In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.



Apex Companies

BORING NUMBER HCW-26

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC
DATE/TIME STARTED 2021-02-10 00:00 **COMPLETED** 2021-02-10 00:00 **GROUND ELEVATION** 730.39 ft **TOP OF CASING** 730.52 ft
DRILLING CONTRACTOR Walker-Hill Environmental **EQUIPMENT** Versa Sonic
DRILLER Mark Machaad **GROUND WATER LEVELS AND TIME:**
LOGGED BY C. Reeves **BOREHOLE DIAMETER** 10 in. **DURING DRILLING** ---
METHOD Sonic **AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10					No Stratigraphic Logging	grout 4-in. Sch 40 PVC casing
20						1/4-in. bentonite pellets, Pel-Plug
30						silica sand 8-30, Southern Products 4-in. Sch 40 PVC 0.010 slotted screen
40						

CPC_HUNTERSVILLE_BH_MW - GINT STD US LAB.GDT - 5-22-21 17:09 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\OPEC_HUNTERSVILLE.GPJ

WELL CONSTRUCTION RECORD (GW-1)

1. Well Contractor Information:

Francis Xavier Harrington

Well Contractor Name

4389 A

NC Well Contractor Certification Number

Walker Hill Environmental

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☐ Monitoring ☒ Recovery

Injection Well:

- ☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 2/10/2021 Well ID# HCU-26

5a. Well Location:

Colonial Pipeline

Facility/Owner Name

Facility ID# (if applicable)

Huntersville - Concord Rd, Huntersville
28078

Physical Address, City, and Zip

mecklenburg

County

01940102

Parcel Identification No. (PIN)

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

35.413536 N 80.806626 W

6. Is(are) the well(s) ☒ Permanent or ☐ Temporary

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

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

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: 1

9. Total well depth below land surface: 45 (ft.)

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

10. Static water level below top of casing: _____ (ft.)
 If water level is above casing, use "+"

11. Borehole diameter: 12 (in.)

12. Well construction method: Sonic
 (i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

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

13b. Disinfection type: _____ Amount: _____

For Internal Use Only:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
<u>1</u> ft.	<u>20</u> ft.	<u>4</u> in.	<u>Sch 40</u>	<u>PVC</u>
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
<u>20</u> ft.	<u>45</u> ft.	<u>4</u> in.	<u>.010</u>	<u>Sch 40</u>	<u>PVC</u>
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
<u>16</u> ft.	<u>18</u> ft.	<u>Pellets</u>	<u>Poured 12-Buckets</u>
<u>2</u> ft.	<u>16</u> ft.	<u>Cement</u>	<u>Trimmie 19-Bags</u>
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
<u>18</u> ft.	<u>45</u> ft.	<u>#2 Sand</u>	<u>Poured/Vibrate</u>
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	<u>No Soil Log</u>
ft.	ft.	<u>Straight Drilled</u>
ft.	ft.	
<u>42</u> ft.	<u>45</u> ft.	<u>Hard Rock</u>
ft.	ft.	
ft.	ft.	

21. REMARKS

8" bore hole from 40'-43'

22. Certification:

Francis Xavier Harrington
 Signature of Certified Well Contractor

3/15/2021
 Date

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.



Apex Companies

BORING NUMBER HCW-27

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC
DATE/TIME STARTED 2021-02-12 00:00 **COMPLETED** 2021-02-12 00:00 **GROUND ELEVATION** 729.7 ft **TOP OF CASING** 729.91 ft
DRILLING CONTRACTOR Walker-Hill Environmental **EQUIPMENT** Versa Sonic
DRILLER Mark Machaad **GROUND WATER LEVELS AND TIME:**
LOGGED BY C. Reeves **BOREHOLE DIAMETER** 10 in. **DURING DRILLING** ---
METHOD Sonic **AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
5					No Stratigraphic Logging	grout 4-in. Sch 40 PVC casing
10						1/4-in. bentonite pellets, Pel-Plug
15						
20						
25						
30						silica sand 8-30, Southern Products 4-in. Sch 40 PVC 0.010 slotted screen
35						
40						

CPC HUNTERSVILLE_BH_MW - GINT STD US LAB.GDT - 5-22-21 17:09 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\OPC_HUNTERSVILLE.GPJ

WELL CONSTRUCTION RECORD (GW-1)

1. Well Contractor Information:

Francis Xavier Harrington

Well Contractor Name

4389 A

NC Well Contractor Certification Number

Walker Hill Environmental

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☐ Monitoring ☒ Recovery
☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 2/12/2021 Well ID# HW-27

5a. Well Location:

Colonial Pipeline

Facility/Owner Name

Facility ID# (if applicable)

Huntersville - Concord Rd, Huntersville
28098

Physical Address, City, and Zip

Mecklenburg

County

01940102

Parcel Identification No. (PIN)

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

35.413560 N 80.806636 W

6. Is (are) the well(s) ☒ Permanent or ☐ Temporary

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

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

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: 1

9. Total well depth below land surface: 40 (ft.)
 For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ (ft.)
 If water level is above casing, use "A" (ft.)

11. Borehole diameter: 12 (in.)

12. Well construction method: Sonic
 (i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

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

13b. Disinfection type: _____ Amount: _____

For Internal Use Only:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		
<u>1</u>	<u>15</u>	<u>4</u>	<u>Sch 40</u>	<u>PVC</u>
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
ft.	ft.	in.			
<u>15</u>	<u>40</u>	<u>4</u>	<u>#10</u>	<u>Sch 40</u>	<u>PVC</u>
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
ft.	ft.		
<u>11</u>	<u>13</u>	<u>Pellets</u>	<u>Poured 12-Buckets</u>
<u>2</u>	<u>11</u>	<u>Cement</u>	<u>Trimmie 15-Bags</u>
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
ft.	ft.		
<u>13</u>	<u>40</u>	<u>#2 Sand</u>	<u>Poured 1/18" pipe</u>
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	<u>No Soil Log</u>
ft.	ft.	<u>Straight Drilled</u>
<u>37</u>	<u>40</u>	<u>Hard Rock</u>
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

8" hole from 37'-40"

22. Certification:

Francis Xavier Harrington
 Signature of Certified Well Contractor

3/15/2021
 Date

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.



Apex Companies

BORING NUMBER NHCW-13

CLIENT Colonial Pipeline PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC21018 PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 2021-02-20 00:00 COMPLETED 2021-02-20 00:00 GROUND ELEVATION 703.76 ft TOP OF CASING 704.81 ft
DRILLING CONTRACTOR Walker-Hill Environmental EQUIPMENT Versa Sonic
DRILLER Jeffery Dzienik GROUND WATER LEVELS AND TIME:
LOGGED BY Jan Schimmelmann BOREHOLE DIAMETER 6 in. ∇ DURING DRILLING 25.00 ft / Elev 678.76 ft
METHOD Sonic AFTER DRILLING ---

CPC_HUNTERSVILLE_BH_MW - GINT STD US LAB.GDT - 5-22-21 17:43 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\OPC_HUNTERSVILLE.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
5					No Stratigraphic Logging	grout 4-in. Sch 40 PVC casing
10						1/4-in. bentonite pellets, Pel-Plug
15						
20						
25				∇		silica sand 8-30, Southern Products 4-in. Sch 40 PVC 0.010 slotted screen
30						
35						
40						

WELL CONSTRUCTION RECORD (GW-1)

1. Well Contractor Information:

Francis Xavier Harrington

Well Contractor Name

4389 A

NC Well Contractor Certification Number

Walker Hill Environmental

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☐ Monitoring ☒ Recovery
☐ Injection Well:
☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 2/20/2021 Well ID# NHCLW-13

5a. Well Location:

Colonial Pipeline

Facility/Owner Name

Facility ID# (if applicable)

Huntersville - Concord Rd, Huntersville
28098

Physical Address, City, and Zip

Mecklenburg

County

01940102

Parcel Identification No. (PIN)

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

35.415258 N 80.806442 W

6. Is (are) the well(s) ☒ Permanent or ☐ Temporary

7. Is this a repair to an existing well? ☐ Yes or ☒ No

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

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: 1

9. Total well depth below land surface: 40 (ft.)

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

10. Static water level below top of casing: _____ (ft.)
 If water level is above casing, use "+."

11. Borehole diameter: 12 (in.)

12. Well construction method: Sonic
 (i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

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

13b. Disinfection type: _____ Amount: _____

For Internal Use Only:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
+1 ft.	15 ft.	4 in.	Sch 40	PVC
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
15 ft.	40 ft.	4 in.	.010	Sch 40	PVC
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
11 ft.	13 ft.	Pellets	Poured 12-Buckets
2 ft.	11 ft.	Cement	Trimmed 13-Bags
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
13 ft.	40 ft.	#2 Sand	Poured/Vibrate
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	No Soil Log
ft.	ft.	Straight Drilled
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

Francis Xavier Harrington
 Signature of Certified Well Contractor

3/15/2021
 Date

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.



Apex Companies

BORING NUMBER NHCW-14

CLIENT	Colonial Pipeline	PROJECT NAME	2020-L1-SR2448
PROJECT NUMBER	CPC21018	PROJECT LOCATION	Huntersville, NC
DATE/TIME STARTED	2021-02-20 00:00	COMPLETED	2021-02-20 00:00
GROUND ELEVATION	702.09 ft	TOP OF CASING	703.34 ft
DRILLING CONTRACTOR	Walker-Hill Environmental	EQUIPMENT	Versa Sonic
DRILLER	Jeffery Dzienik	GROUND WATER LEVELS AND TIME:	
LOGGED BY	Jan Schimmelmann	BOREHOLE DIAMETER	6 in.
METHOD	Sonic	DURING DRILLING	25.00 ft / Elev 677.09 ft
		AFTER DRILLING	---

CPC HUNTERSVILLE_BH_MW - GINT STD US LAB.GDT - 5-22-21 17:44 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\OPEC HUNTERSVILLE.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
5					No Stratigraphic Logging	grout 4-in. Sch 40 PVC casing
10						1/4-in. bentonite pellets, Pel-Plug
15						
20						
25						silica sand 8-30, Southern Products 4-in. Sch 40 PVC 0.010 slotted screen
30						
35						

WELL CONSTRUCTION RECORD (GW-1)

1. Well Contractor Information:

Francis Xavier Harrington

Well Contractor Name

4389 A

NC Well Contractor Certification Number

Walker Hill Environmental

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☐ Monitoring ☒ Recovery
☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 2/20/2021 Well ID# NHCLW-14

5a. Well Location:

Colonial Pipeline

Facility/Owner Name

Facility ID# (if applicable)

Huntersville - Concord Rd, Huntersville
28098

Physical Address, City, and Zip

Mecklenburg

County

01940102

Parcel Identification No. (PIN)

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

35.415271 N 80.806375 W

6. Is (are) the well(s) ☒ Permanent or ☐ Temporary

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

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

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: 1

9. Total well depth below land surface: 35 (ft.)
 For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ (ft.)
 If water level is above casing, use "4"

11. Borehole diameter: 12 (in.)

12. Well construction method: Sonic
 (i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

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

13b. Disinfection type: _____ Amount: _____

For Internal Use Only:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
<u>#1</u> ft.	<u>15</u> ft.	<u>4</u> in.	<u>Sch 40</u>	<u>PVC</u>
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
<u>15</u> ft.	<u>35</u> ft.	<u>4</u> in.	<u>.010</u>	<u>Sch 40</u>	<u>PVC</u>
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
<u>11</u> ft.	<u>13</u> ft.	<u>Pellets</u>	<u>Poured 12-Buckets</u>
<u>2</u> ft.	<u>11</u> ft.	<u>Cement</u>	<u>Trimmie 13-Bags</u>
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
<u>13</u> ft.	<u>35</u> ft.	<u>#2 Sand</u>	<u>Poured/Vibrate</u>
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	<u>No Soil Log</u>
ft.	ft.	<u>Straight Drilled</u>
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

Francis Xavier Harrington
 Signature of Certified Well Contractor

3/15/2021
 Date

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.



Apex Companies

BORING NUMBER NHCW-15

CLIENT Colonial Pipeline

PROJECT NAME 2020-L1-SR2448

PROJECT NUMBER CPC21018

PROJECT LOCATION Huntersville, NC

DATE/TIME STARTED 2021-02-20 00:00

COMPLETED 2021-02-20 00:00

GROUND ELEVATION 701.28 ft

TOP OF CASING 702.64 ft

DRILLING CONTRACTOR Walker-Hill Environmental

EQUIPMENT Versa Sonic

DRILLER Jeffery Dzienik

GROUND WATER LEVELS AND TIME:

LOGGED BY Jan Schimmelmann

BOREHOLE DIAMETER 6 in.

∇ DURING DRILLING 25.00 ft / Elev 676.28 ft

METHOD Sonic

AFTER DRILLING ---

CPC HUNTERSVILLE_BH_MW - GINT STD US LAB.GDT - 5-22-21 17:44 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\CPC_HUNTERSVILLE.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
5					No Stratigraphic Logging	grout 4-in. Sch 40 PVC casing
10						1/4-in. bentonite pellets, Pel-Plug
15						
20						
25				∇		silica sand 8-30, Southern Products 4-in. Sch 40 PVC 0.010 slotted screen
30						
35						

WELL CONSTRUCTION RECORD (GW-1)

1. Well Contractor Information:

Francis Xavier Harrington

Well Contractor Name

4389 A

NC Well Contractor Certification Number

Walker Hill Environmental

Company Name

2. Well Construction Permit #:

List all applicable well construction permits (i.e. UIC, County, State, Variances, etc.)

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☐ Monitoring ☒ Recovery
☐ Injection Well:
☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 2/20/2021 Well ID# NHCLW-15

5a. Well Location:

Colonial Pipeline

Facility/Owner Name

Facility ID# (if applicable)

Huntersville - Concord Rd, Huntersville
28098

Physical Address, City, and Zip

Mecklenburg

County

01940102

Parcel Identification No. (PIN)

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

35.415323 N 80.806198 W

6. Is (are) the well(s) ☒ Permanent or ☐ Temporary

7. Is this a repair to an existing well? ☐ Yes or ☒ No

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

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: 1

9. Total well depth below land surface: 35 (ft.)
 For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ (ft.)
 If water level is above casing, use "4"

11. Borehole diameter: 12 (in.)

12. Well construction method: Sonic
 (i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

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

13b. Disinfection type: _____ Amount: _____

For Internal Use Only:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
<u>+1</u> ft.	<u>15</u> ft.	<u>4</u> in.	<u>Sch 40</u>	<u>PVC</u>
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
<u>15</u> ft.	<u>35</u> ft.	<u>4</u> in.	<u>.010</u>	<u>Sch 40</u>	<u>PVC</u>
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
<u>11</u> ft.	<u>13</u> ft.	<u>Pellets</u>	<u>Poured 12-Buckets</u>
<u>2</u> ft.	<u>11</u> ft.	<u>Cement</u>	<u>Trimmie 13-Bags</u>
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
<u>13</u> ft.	<u>35</u> ft.	<u>#2 Sand</u>	<u>Poured/Vibrate</u>
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	<u>No Soil Log</u>
ft.	ft.	<u>Straight Drilled</u>
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS:

22. Certification:

Francis Xavier Harrington
 Signature of Certified Well Contractor

3/15/2021
 Date

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.



Apex Companies

BORING NUMBER NHCW-16

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC
DATE/TIME STARTED 2021-02-19 00:00 **COMPLETED** 2021-02-19 00:00 **GROUND ELEVATION** 703.42 ft **TOP OF CASING** 704.99 ft
DRILLING CONTRACTOR Walker-Hill Environmental **EQUIPMENT** Versa Sonic
DRILLER Jeffery Dzienik **GROUND WATER LEVELS AND TIME:**
LOGGED BY Jan Schimmelmann **BOREHOLE DIAMETER** 6 in. **▽ DURING DRILLING** 25.00 ft / Elev 678.42 ft
METHOD Sonic **AFTER DRILLING** ---

CPC HUNTERSVILLE_BH_MW - GINT STD US LAB.GDT - 5-22-21 17:44 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\OFC_HUNTERSVILLE.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
5					No Stratigraphic Logging	
10						grout 4-in. Sch 40 PVC casing
15						1/4-in. bentonite pellets, Pel-Plug
20						
25				▽		
30						silica sand 4-in. Sch 40 PVC 0.010 slotted screen
35						
40						

WELL CONSTRUCTION RECORD (GW-1)

1. Well Contractor Information:

Francis Xavier Harrington

Well Contractor Name

4389 A

NC Well Contractor Certification Number

Walker Hill Environmental

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☐ Monitoring ☒ Recovery
☐ Injection Well:
☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 2/19/2021 Well ID# NHCU-16

5a. Well Location:

Colonial Pipeline

Facility/Owner Name

Facility ID# (if applicable)

Huntersville - Concord Rd, Huntersville
28078

Physical Address, City, and Zip

Mecklenburg

County

01940102

Parcel Identification No. (PIN)

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

35.415250 N 80.806198 W

6. Is (are) the well(s) ☒ Permanent or ☐ Temporary

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

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

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: 1

9. Total well depth below land surface: 40 (ft.)
 For multiple wells list all depths if different (example: 3@200' and 2@100')

10. Static water level below top of casing: _____ (ft.)
 If water level is above casing, use "ft."

11. Borehole diameter: 12 (in.)

12. Well construction method: Sonic
 (i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

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

13b. Disinfection type: _____ Amount: _____

For Internal Use Only:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		
<u>+1</u>	<u>15</u>	<u>4</u>	<u>Sch 40</u>	<u>PVC</u>
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
<u>15</u>	<u>40</u>	<u>4</u>	<u>10/10</u>	<u>Sch 40</u>	<u>PVC</u>
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
<u>11</u>	<u>13</u>	<u>Pellets</u>	<u>Poured 12-Buckets</u>
<u>2</u>	<u>11</u>	<u>Cement</u>	<u>Trimmed 13-Bags</u>
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
<u>13</u>	<u>40</u>	<u>#2 Sand</u>	<u>Poured/Vibrate</u>
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	<u>No Soil Log</u>
ft.	ft.	<u>Straight Drilled</u>
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

Francis Xavier Harrington
 Signature of Certified Well Contractor

3/15/2021
 Date

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.



Apex Companies

BORING NUMBER NHCW-17

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC
DATE/TIME STARTED 2021-02-19 00:00 **COMPLETED** 2021-02-19 00:00 **GROUND ELEVATION** 705.21 ft **TOP OF CASING** 705.83 ft
DRILLING CONTRACTOR Walker-Hill Environmental **EQUIPMENT** Versa Sonic
DRILLER Jeffery Dzienik **GROUND WATER LEVELS AND TIME:**
LOGGED BY Jan Schimmelmann **BOREHOLE DIAMETER** 6 in. **▽ DURING DRILLING** 25.00 ft / Elev 680.21 ft
METHOD Sonic **AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
5					No Stratigraphic Logging	grout 4-in. Sch 40 PVC casing
10						1/4-in. bentonite pellets, Pel-Plug
15						
20						
25				▽		silica sand 4-in. Sch 40 PVC 0.010 slotted screen
30						
35						
40						

CPC HUNTERSVILLE_BH_MW - GINT STD US LAB.GDT - 5-22-21 17:44 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\OPC_HUNTERSVILLE.GPJ

WELL CONSTRUCTION RECORD (GW-1)

1. Well Contractor Information:

Francis Xavier Harrington

Well Contractor Name

4389 A

NC Well Contractor Certification Number

Walker Hill Environmental

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☐ Monitoring ☒ Recovery
☐ Injection Well:
☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 2/19/2021 Well ID# NHCU-17

5a. Well Location:

Colonial Pipeline

Facility/Owner Name

Facility ID# (if applicable)

Huntersville - Concord Rd, Huntersville
28098

Physical Address, City, and Zip

Mecklenburg

County

01940102

Parcel Identification No. (PIN)

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

35.415275 N 80.806071 W

6. Is (are) the well(s) ☒ Permanent or ☐ Temporary

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

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

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: 1

9. Total well depth below land surface: 40 (ft.)
 For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ (ft.)
 If water level is above casing, use "ft." above

11. Borehole diameter: 12 (in.)

12. Well construction method: Sonic
 (i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

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

13b. Disinfection type: _____ Amount: _____

For Internal Use Only:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
+1 ft.	15 ft.	4 in.	Sch 40	PVC
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
15 ft.	40 ft.	4 in.	.010	Sch 40	PVC
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
10 ft.	12 ft.	Pellets	Poured 12-Buckets
2 ft.	10 ft.	Cement	Trimmie 13-Bags
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
12 ft.	40 ft.	#2 Sand	Poured/Vibrate
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	No Soil Log
ft.	ft.	Straight Drilled
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

Francis Xavier Harrington
 Signature of Certified Well Contractor

3/15/2021
 Date

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.



Apex Companies

BORING NUMBER NHCW-18

CLIENT	Colonial Pipeline	PROJECT NAME	2020-L1-SR2448
PROJECT NUMBER	CPC21018	PROJECT LOCATION	Huntersville, NC
DATE/TIME STARTED	2021-02-17 00:00	COMPLETED	2021-02-17 00:00
GROUND ELEVATION	707.76 ft	TOP OF CASING	709.11 ft
DRILLING CONTRACTOR	Walker-Hill Environmental	EQUIPMENT	Versa Sonic
DRILLER	Frank Harrington	GROUND WATER LEVELS AND TIME:	
LOGGED BY		DURING DRILLING	---
METHOD	Sonic	AFTER DRILLING	---
BOREHOLE DIAMETER	12 in.		

CPC HUNTERSVILLE_BH_MW - GINT STD US LAB.GDT - 5-22-21 17:44 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\CPC_HUNTERSVILLE.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
5					No Stratigraphic Logging	grout 4-in. Sch 40 PVC casing
10						bentonite
15						
20						
25						
30						silica sand #2 4-in. Sch 40 PVC 0.010 slotted screen
35						

WELL CONSTRUCTION RECORD (GW-1)

1. Well Contractor Information:

Francis Xavier Harrington

Well Contractor Name

4389 A

NC Well Contractor Certification Number

Walker Hill Environmental

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☐ Monitoring ☒ Recovery

Injection Well:

- ☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 2/17/2021 Well ID# NHCLW-18

5a. Well Location:

Colonial Pipeline

Facility/Owner Name

Facility ID# (if applicable)

Huntersville - Concord Rd, Huntersville
28098

Physical Address, City, and Zip

Mecklenburg

County

01940102

Parcel Identification No. (PIN)

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

35.415385 N 80.805915 W

6. Is (are) the well(s) ☒ Permanent or ☐ Temporary

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

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

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: 1

9. Total well depth below land surface: 39 (ft.)
 For multiple wells list all depths if different (example: 3@200' and 2@100')

10. Static water level below top of casing: _____ (ft.)
 If water level is above casing, use "+" sign

11. Borehole diameter: 12 (in.)

12. Well construction method: Sonic
 (i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

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

13b. Disinfection type: _____ Amount: _____

For Internal Use Only:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
+1 ft.	14 ft.	4 in.	Sch 40	PVC
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
14 ft.	39 ft.	4 in.	0010	Sch 40	PVC
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
10 ft.	12 ft.	Pellets	Poured 12 Buckets
2 ft.	10 ft.	Cement	Trimmie 13 Bags
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
12 ft.	40 ft.	#2 Sand	Poured/Vibrate
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	No Soil Log
ft.	ft.	Straight Drilled
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

Francis Xavier Harrington
 Signature of Certified Well Contractor

3/15/2021
 Date

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.



Apex Companies

BORING NUMBER NHCW-19

CLIENT	Colonial Pipeline	PROJECT NAME	2020-L1-SR2448
PROJECT NUMBER	CPC21018	PROJECT LOCATION	Huntersville, NC
DATE/TIME STARTED	2021-02-09 00:00	COMPLETED	2021-02-09 00:00
GROUND ELEVATION	705.81 ft	TOP OF CASING	706.80 ft
DRILLING CONTRACTOR	Walker-Hill Environmental	EQUIPMENT	Versa Sonic
DRILLER	Jeffery Dzienik	GROUND WATER LEVELS AND TIME:	
LOGGED BY	Jan Schimmelmann	BOREHOLE DIAMETER	6 in.
METHOD	Sonic	DURING DRILLING	25.00 ft / Elev 680.81 ft
		AFTER DRILLING	---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
5					No Stratigraphic Logging	grout 4-in. Sch 40 PVC casing
10						1/4-in. bentonite pellets, Pel-Plug
15						
20						
25						silica sand 4-in. Sch 40 PVC 0.010 slotted screen
30						
35						

WELL CONSTRUCTION RECORD (GW-1)

1. Well Contractor Information:

Francis Xavier Harrington

Well Contractor Name

4389 A

NC Well Contractor Certification Number

Walker Hill Environmental

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☐ Monitoring ☒ Recovery
☐ Injection Well:
☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 2/9/2021 Well ID# NHCLW-19

5a. Well Location:

Colonial Pipeline

Facility/Owner Name

Facility ID# (if applicable)

Huntersville - Concord Rd, Huntersville
28098

Physical Address, City, and Zip

Mecklenburg

County

01940102

Parcel Identification No. (PIN)

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

35.415360 N 80.805848 W

6. Is (are) the well(s) ☒ Permanent or ☐ Temporary

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

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

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: 1

9. Total well depth below land surface: 39 (ft.)

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

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

If water level is above casing, use "4"

11. Borehole diameter: 12 (in.)

12. Well construction method: Sonic
 (i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

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

13b. Disinfection type: _____ Amount: _____

For Internal Use Only:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
<u>+1</u> ft.	<u>14</u> ft.	<u>4</u> in.	<u>Sch 40</u>	<u>PVC</u>
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
<u>14</u> ft.	<u>39</u> ft.	<u>4</u> in.	<u>.010</u>	<u>Sch 40</u>	<u>PVC</u>
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
<u>10</u> ft.	<u>12</u> ft.	<u>Pellets</u>	<u>Poured 12-Buckets</u>
<u>2</u> ft.	<u>10</u> ft.	<u>Cement</u>	<u>Trimmie 13-Bags</u>
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
<u>12</u> ft.	<u>39</u> ft.	<u>#2 Sand</u>	<u>Poured/Vibrate</u>
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	<u>No Soil Log</u>
ft.	ft.	<u>Straight Drilled</u>
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

Francis Xavier Harrington
 Signature of Certified Well Contractor

3/15/2021
 Date

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.



Apex Companies

BORING NUMBER NHCW-20

CLIENT	Colonial Pipeline	PROJECT NAME	2020-L1-SR2448
PROJECT NUMBER	CPC21018	PROJECT LOCATION	Huntersville, NC
DATE/TIME STARTED	2021-02-08 00:00	COMPLETED	2021-02-08 00:00
GROUND ELEVATION	707.11 ft	TOP OF CASING	709.03 ft
DRILLING CONTRACTOR	Walker-Hill Environmental	EQUIPMENT	Versa Sonic
DRILLER	Jeffery Dzienik	GROUND WATER LEVELS AND TIME:	
LOGGED BY	Jan Schimmelmann	BOREHOLE DIAMETER	6 in.
METHOD	Sonic	DURING DRILLING	25.00 ft / Elev 682.11 ft
		AFTER DRILLING	---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
5					No Stratigraphic Logging	grout 4-in. Sch 40 PVC casing
10						1/4-in. bentonite pellets, Pel-Plug
15						
20						
25						silica sand 4-in. Sch 40 PVC 0.010 slotted screen
30						
35						

WELL CONSTRUCTION RECORD (GW-1)

1. Well Contractor Information:

Francis Xavier Harrington

Well Contractor Name

4389 A

NC Well Contractor Certification Number

Walker Hill Environmental

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☐ Monitoring ☒ Recovery

Injection Well:

- ☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 2/8/2021 Well ID# NHGW-20

5a. Well Location:

Colonial Pipeline

Facility/Owner Name

Facility ID# (if applicable)

Huntersville - Concord Rd, Huntersville

Physical Address, City, and Zip

Mecklenburg

County

01940102

Parcel Identification No. (PIN)

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

35.415466 N 80.805881 W

6. Is (are) the well(s) ☒ Permanent or ☐ Temporary

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

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

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: 1

9. Total well depth below land surface: 39 (ft.)
 For multiple wells list all depths if different (example: 3@200' and 2@100')

10. Static water level below top of casing: _____ (ft.)
 If water level is above casing, use "+"

11. Borehole diameter: 12 (in.)

12. Well construction method: Sonic
 (i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

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

13b. Disinfection type: _____ Amount: _____

For Internal Use Only:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	In.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	In.		
ft.	ft.	In.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
ft.	ft.	In.			
ft.	ft.	In.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
ft.	ft.		
ft.	ft.		
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
ft.	ft.		
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

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

21. REMARKS

22. Certification:

Francis Xavier Harrington
 Signature of Certified Well Contractor

3/15/2021
 Date

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.



Apex Companies

BORING NUMBER NHCW-21

CLIENT	Colonial Pipeline	PROJECT NAME	2020-L1-SR2448
PROJECT NUMBER	CPC21018	PROJECT LOCATION	Huntersville, NC
DATE/TIME STARTED	2021-02-09 00:00	COMPLETED	2021-02-09 00:00
GROUND ELEVATION	708.8 ft	TOP OF CASING	709.90 ft
DRILLING CONTRACTOR	Walker-Hill Environmental	EQUIPMENT	Versa Sonic
DRILLER	Jeffery Dzienik	GROUND WATER LEVELS AND TIME:	
LOGGED BY	Jan Schimmelmann	BOREHOLE DIAMETER	6 in.
METHOD	Sonic	DURING DRILLING	30.00 ft / Elev 678.80 ft
		AFTER DRILLING	---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10					No Stratigraphic Logging	grout 4-in. Sch 40 PVC casing
20						1/4-in. bentonite pellets, Pel-Plug
30						silica sand 4-in. Sch 40 PVC 0.010 slotted screen
40						

WELL CONSTRUCTION RECORD (GW-1)

1. Well Contractor Information:

Francis Xavier Harrington

Well Contractor Name

4389 A

NC Well Contractor Certification Number

Walker Hill Environmental

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☐ Monitoring ☒ Recovery
☐ Injection Well:
☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 2/9/2021 Well ID# NHCLW-21

5a. Well Location:

Colonial Pipeline

Facility/Owner Name

Facility ID# (if applicable)

Huntersville - Concord Rd, Huntersville
28098

Physical Address, City, and Zip

Mecklenburg

County

01940102
Parcel Identification No. (PIN)

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

35.415376 N 80.805681 W

6. Is (are) the well(s) ☒ Permanent or ☐ Temporary

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

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

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: 1

9. Total well depth below land surface: 45 (ft.)
For multiple wells list all depths if different (example: 3@200' and 2@100')

10. Static water level below top of casing: _____ (ft.)
If water level is above casing, use "4" ft.

11. Borehole diameter: 12 (in.)

12. Well construction method: Sonic
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

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

13b. Disinfection type: _____ Amount: _____

For Internal Use Only:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
<u>+1</u> ft.	<u>20</u> ft.	<u>4</u> in.	<u>Sch 40</u>	<u>PVC</u>
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
<u>20</u> ft.	<u>45</u> ft.	<u>4</u> in.	<u>.010</u>	<u>Sch 40</u>	<u>PVC</u>
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
<u>16</u> ft.	<u>18</u> ft.	<u>Pellets</u>	<u>Poured 12-Buckets</u>
<u>2</u> ft.	<u>16</u> ft.	<u>Cement</u>	<u>Trimmie 16-Bags</u>
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
<u>18</u> ft.	<u>45</u> ft.	<u>#2 Sand</u>	<u>Poured/Vibrate</u>
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	<u>No Soil Log</u>
ft.	ft.	<u>Straight Drilled</u>
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

Francis Xavier Harrington
Signature of Certified Well Contractor

3/15/2021
Date

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

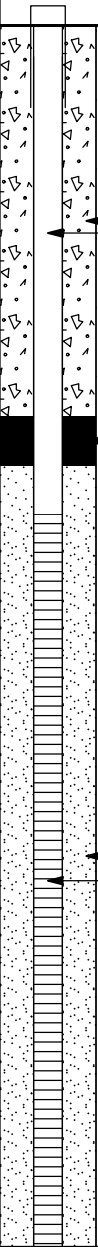


Apex Companies

BORING NUMBER NHCW-22

CLIENT Colonial Pipeline PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC21018 PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 2021-02-10 00:00 COMPLETED 2021-02-10 00:00 GROUND ELEVATION 711.48 ft TOP OF CASING 712.70 ft
DRILLING CONTRACTOR Walker-Hill Environmental EQUIPMENT Versa Sonic
DRILLER Jeffery Dzienik GROUND WATER LEVELS AND TIME:
LOGGED BY Jan Schimmelmann BOREHOLE DIAMETER 6 in.  DURING DRILLING 35.00 ft / Elev 676.48 ft
METHOD Sonic AFTER DRILLING ---

CPC HUNTERSVILLE_BH_MW - GINT STD US LAB.GDT - 5-22-21 17:45 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\CPC_HUNTERSVILLE.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10					No Stratigraphic Logging	 grout 4-in. Sch 40 PVC casing 1/4-in. bentonite pellets, Pel-Plug silica sand 4-in. Sch 40 PVC 0.010 slotted screen
20						
30						
40						
50						

WELL CONSTRUCTION RECORD (GW-1)

1. Well Contractor Information:

Francis Xavier Harrington

Well Contractor Name

4389 A

NC Well Contractor Certification Number

Walker Hill Environmental

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☐ Monitoring ☒ Recovery
☐ Injection Well:
☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 2/10/2021 Well ID# NHCLW-22

5a. Well Location:

Colonial Pipeline

Facility/Owner Name

Facility ID# (if applicable)

Huntersville - Concord Rd, Huntersville
28078

Physical Address, City, and Zip

Mecklenburg

County

01940102

Parcel Identification No. (PIN)

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

35.415299 N 80.805432 W

6. Is (are) the well(s) ☒ Permanent or ☐ Temporary

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

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

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: 1

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

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

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

If water level is above casing, use "4"

11. Borehole diameter: 12 (in.)

12. Well construction method: Sonic
 (i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

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

13b. Disinfection type: _____ Amount: _____

For Internal Use Only:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (For multi-cased wells) OR LINER (If applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
+1 ft.	20 ft.	4 in.	Sch 40	PVC
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
20 ft.	50 ft.	4 in.	.010	Sch 40	PVC
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
16 ft.	18 ft.	Pellets	Poured 12-Buckets
2 ft.	16 ft.	Cement	Trimmie 16-Bags
ft.	ft.		

19. SAND/GRAVEL PACK (If applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
18 ft.	50 ft.	#2 Sand	Poured/Vibrate
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	No Soil Log
ft.	ft.	Straight Drilled
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS:

22. Certification:

Francis Xavier Harrington
 Signature of Certified Well Contractor

3/15/2021
 Date

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.



Apex Companies

BORING NUMBER NHCW-23

CLIENT	Colonial Pipeline	PROJECT NAME	2020-L1-SR2448
PROJECT NUMBER	CPC21018	PROJECT LOCATION	Huntersville, NC
DATE/TIME STARTED	2021-02-11 00:00	COMPLETED	2021-02-11 00:00
GROUND ELEVATION	713.86 ft	TOP OF CASING	715.10 ft
DRILLING CONTRACTOR	Walker-Hill Environmental	EQUIPMENT	Versa Sonic
DRILLER	Jeffery Dzienik	GROUND WATER LEVELS AND TIME:	
LOGGED BY	Jan Schimmelmann	BOREHOLE DIAMETER	6 in.
METHOD	Sonic	DURING DRILLING	35.00 ft / Elev 678.86 ft
		AFTER DRILLING	---

CPC HUNTERSVILLE_BH_MW - GINT STD US LAB.GDT - 5-22-21 17:45 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\CPC_HUNTERSVILLE.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10					No Stratigraphic Logging	grout 4-in. Sch 40 PVC casing
20						1/4-in. bentonite pellets, Pel-Plug
30						silica sand 4-in. Sch 40 PVC 0.010 slotted screen
40						
50						

WELL CONSTRUCTION RECORD (GW-1)

1. Well Contractor Information:

Francis Xavier Harrington

Well Contractor Name

4389 A

NC Well Contractor Certification Number

Walker Hill Environmental

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☐ Monitoring ☒ Recovery
☐ Injection Well:
☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 2/11/2021 Well ID# NHLCW-23

5a. Well Location:

Colonial Pipeline

Facility/Owner Name

Facility ID# (if applicable)

Huntersville - Concord Rd, Huntersville
28098

Physical Address, City, and Zip

Mecklenburg

County

01940102

Parcel Identification No. (PIN)

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

35.415283 N 80.805431 W

6. Is (are) the well(s) ☒ Permanent or ☐ Temporary

7. Is this a repair to an existing well? ☐ Yes or ☒ No

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

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: 1

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

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

10. Static water level below top of casing: _____ (ft.)
 If water level is above casing, use "4"

11. Borehole diameter: 12 (in.)

12. Well construction method: Sonic
 (i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

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

13b. Disinfection type: _____ Amount: _____

For Internal Use Only:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
+1 ft.	20 ft.	4 in.	Sch 40	PVC
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
20 ft.	50 ft.	4 in.	.010	Sch 40	PVC
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
16 ft.	18 ft.	Pellets	Poured 12-Buckets
2 ft.	16 ft.	Cement	Trimmie 16-Bags
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
18 ft.	50 ft.	#2 Sand	Poured/Vibrate
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	No Soil Log
ft.	ft.	Straight Drilled
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

Francis Xavier Harrington
 Signature of Certified Well Contractor

3/15/2021
 Date

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. **For Water Supply & Injection Wells:** In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.



Apex Companies

BORING NUMBER NHCW-24

CLIENT	Colonial Pipeline	PROJECT NAME	2020-L1-SR2448
PROJECT NUMBER	CPC21018	PROJECT LOCATION	Huntersville, NC
DATE/TIME STARTED	2021-02-12 00:00	COMPLETED	2021-02-12 00:00
GROUND ELEVATION	716.32 ft	TOP OF CASING	717.38 ft
DRILLING CONTRACTOR	Walker-Hill Environmental	EQUIPMENT	Versa Sonic
DRILLER	Jeffery Dzienik	GROUND WATER LEVELS AND TIME:	
LOGGED BY	Jan Schimmelmann	BOREHOLE DIAMETER	6 in.
METHOD	Sonic	DURING DRILLING	35.00 ft / Elev 681.32 ft
		AFTER DRILLING	---

CPC HUNTERSVILLE_BH_MW - GINT STD US LAB.GDT - 5-22-21 17:45 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\OPEC_HUNTERSVILLE.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10					No Stratigraphic Logging	grout 4-in. Sch 40 PVC casing
20						1/4-in. bentonite pellets, Pel-Plug
30						
40						silica sand 4-in. Sch 40 PVC 0.010 slotted screen
50						

WELL CONSTRUCTION RECORD (GW-1)

1. Well Contractor Information:

Francis Xavier Harrington

Well Contractor Name

4389 A

NC Well Contractor Certification Number

Walker Hill Environmental

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☐ Monitoring ☒ Recovery
☐ Injection Well:
☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 2/12/2021 Well ID# NHLCW-24

5a. Well Location:

Colonial Pipeline

Facility/Owner Name

Facility ID# (if applicable)

Huntersville - Concord Rd, Huntersville
28098

Physical Address, City, and Zip

Mecklenburg

County

01940102

Parcel Identification No. (PIN)

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

35.415259 N 80.805382 W

6. Is (are) the well(s) ☒ Permanent or ☐ Temporary

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

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

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: 1

9. Total well depth below land surface: 50 (ft.)
 For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ (ft.)
 If water level is above casing, use "+"

11. Borehole diameter: 12 (in.)

12. Well construction method: Sonic
 (i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

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

13b. Disinfection type: _____ Amount: _____

For Internal Use Only:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

15. OUTER CASING (for multistaged wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
+1 ft.	20 ft.	4 in.	Sch 40	PVC
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
20 ft.	50 ft.	4 in.	.010	Sch 40	PVC
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
15 ft.	17 ft.	Pellets	Poured 12-Buckets
2 ft.	15 ft.	Cement	Trimmed 16-Bags
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
17 ft.	50 ft.	#2 Sand	Poured/Vibrate
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	No Soil Log
ft.	ft.	Straight Drilled
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

Francis Xavier Harrington
 Signature of Certified Well Contractor

3/15/2021
 Date

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.



Apex Companies

BORING NUMBER NHCW-25

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC
DATE/TIME STARTED 2021-02-12 00:00 **COMPLETED** 2021-02-12 00:00 **GROUND ELEVATION** 718.51 ft **TOP OF CASING** 720.83 ft
DRILLING CONTRACTOR Walker-Hill Environmental **EQUIPMENT** Versa Sonic
DRILLER Jeffery Dzienik **GROUND WATER LEVELS AND TIME:**
LOGGED BY Jan Schimmelmann **BOREHOLE DIAMETER** 6 in. **▽ DURING DRILLING** 40.00 ft / Elev 678.51 ft
METHOD Sonic **AFTER DRILLING** ---

CPC_HUNTERSVILLE_BH_MW - GINT STD US LAB.GDT - 5-22-21 17:46 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\CPC_HUNTERSVILLE.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10					No Stratigraphic Logging	
20						
30						grout 4-in. Sch 40 PVC casing
40				▽		1/4-in. bentonite pellets, Pel-Plug
50						silica sand 4-in. Sch 40 PVC 0.010 slotted screen

WELL CONSTRUCTION RECORD (GW-1)

1. Well Contractor Information:

Francis Xavier Harrington

Well Contractor Name

4389 A

NC Well Contractor Certification Number

Walker Hill Environmental

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☐ Monitoring ☒ Recovery

Injection Well:

- ☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 2/12/2021 Well ID# NHCLW-25

5a. Well Location:

Colonial Pipeline

Facility/Owner Name

Facility ID# (if applicable)

Huntersville - Concord Rd, Huntersville
28098

Physical Address, City, and Zip

Mecklenburg

County

01940102

Parcel Identification No. (PIN)

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

35.415244 N 80.805279 W

6. Is (are) the well(s) ☒ Permanent or ☐ Temporary

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

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

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: 1

9. Total well depth below land surface: 55 (ft.)
 For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ (ft.)
 If water level is above casing, use "4" for ft.

11. Borehole diameter: 12 (in.)

12. Well construction method: Sonic
 (i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

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

13b. Disinfection type: _____ Amount: _____

For Internal Use Only:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
+1 ft.	30 ft.	4 in.	Sch 40	PVC
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
30 ft.	55 ft.	4 in.	#20	Sch 40	PVC
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
26 ft.	28 ft.	Pellets	Poured 12-Buckets
2 ft.	26 ft.	Cement	Trimmed 13-Bags
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
28 ft.	55 ft.	#2 Sand	Poured/Vibrate
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	No Soil Log
ft.	ft.	Straight Drilled
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

Francis Xavier Harrington
 Signature of Certified Well Contractor

3/15/2021
 Date

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.



Apex Companies

BORING NUMBER NHCW-26

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC
DATE/TIME STARTED 2021-02-14 00:00 **COMPLETED** 2021-02-14 00:00 **GROUND ELEVATION** 721.67 ft **TOP OF CASING** 723.09 ft
DRILLING CONTRACTOR Walker-Hill Environmental **EQUIPMENT** Versa Sonic
DRILLER Frank Harrington **GROUND WATER LEVELS AND TIME:**
LOGGED BY **BOREHOLE DIAMETER** 12 in. **DURING DRILLING** ---
METHOD Sonic **AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10					No Stratigraphic Logging	grout 4-in. Sch 40 PVC casing bentonite
20						
30						silica sand #2 4-in. Sch 40 PVC 0.010 slotted screen
40						
50						

CPC HUNTERSVILLE_BH_MW - GINT STD US LAB.GDT - 5-22-21 17:46 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\CPC_HUNTERSVILLE.GPJ

WELL CONSTRUCTION RECORD (GW-1)

1. Well Contractor Information:

Francis Xavier Harrington

Well Contractor Name

4389 A

NC Well Contractor Certification Number

Walker Hill Environmental

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☐ Monitoring ☒ Recovery
☐ Injection Well:
☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 2/14/2021 Well ID# NHCLW-26

5a. Well Location:

Colonial Pipeline

Facility/Owner Name

Facility ID# (if applicable)

Huntersville - Concord Rd, Huntersville
28098

Physical Address, City, and Zip

Mecklenburg

County

01940102

Parcel Identification No. (PIN)

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

35.415334 N 80.805184 W

6. Is (are) the well(s) ☒ Permanent or ☐ Temporary

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

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

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: 1

9. Total well depth below land surface: 55 (ft.)
 For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ (ft.)
 If water level is above casing, use "ft."

11. Borehole diameter: 12 (in.)

12. Well construction method: Sonic
 (i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

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

13b. Disinfection type: _____ Amount: _____

For Internal Use Only:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
+1 ft.	30 ft.	4 in.	5/8 40	PVC
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
30 ft.	55 ft.	4 in.	#210	5/8 40	PVC
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
26 ft.	28 ft.	Pellets	Poured 12-Buckets
2 ft.	26 ft.	Cement	Trimmed 13-Bags
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
28 ft.	55 ft.	#2 Sand	Poured/Vibrate
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	No Soil Log
ft.	ft.	Straight Drilled
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

Francis Xavier Harrington
 Signature of Certified Well Contractor

3/15/2021
 Date

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

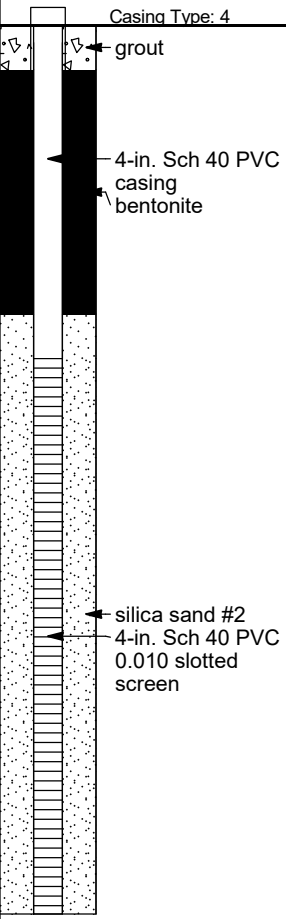


Apex Companies

BORING NUMBER NHCW-27

CLIENT Colonial Pipeline PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC21018 PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 2021-02-15 00:00 COMPLETED 2021-02-15 00:00 GROUND ELEVATION 723.13 ft TOP OF CASING 724.18 ft
DRILLING CONTRACTOR Walker-Hill Environmental EQUIPMENT Sonic Rig SDC 450-14
DRILLER Jeff Lowe GROUND WATER LEVELS AND TIME:
LOGGED BY Kyle Zigler BOREHOLE DIAMETER 10 in. ∇ DURING DRILLING 40.00 ft / Elev 683.13 ft
METHOD Sonic AFTER DRILLING ---

CPC HUNTERSVILLE_BH_MW - GINT STD US LAB.GDT - 5-22-21 17:46 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\CPC_HUNTERSVILLE.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						
10					No Stratigraphic Logging	 Casing Type: 4 grout 4-in. Sch 40 PVC casing bentonite silica sand #2 4-in. Sch 40 PVC 0.010 slotted screen
20						
30						
40				∇		
50						

WELL CONSTRUCTION RECORD (GW-1)

1. Well Contractor Information:

Francis Xavier Harrington

Well Contractor Name

4389 A

NC Well Contractor Certification Number

Walker Hill Environmental

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☐ Monitoring ☒ Recovery
☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 2/15/2021 Well ID# NHCLW-27

5a. Well Location:

Colonial Pipeline

Facility/Owner Name

Facility ID# (if applicable)

Huntersville - Concord Rd, Huntersville
28098

Physical Address, City, and Zip

Mecklenburg

County

01940102

Parcel Identification No. (PIN)

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

35.415189 N 80.805171 W

6. Is (are) the well(s) ☒ Permanent or ☐ Temporary

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

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

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: 1

9. Total well depth below land surface: 55 (ft.)

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

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

If water level is above casing, use "4"

11. Borehole diameter: 12 (in.)

12. Well construction method: Sonic

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

FOR WATER SUPPLY WELLS ONLY:

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

13b. Disinfection type: _____ Amount: _____

For Internal Use Only:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		
<u>+1</u>	<u>30</u>	<u>4</u>	<u>Sch 40</u>	<u>PVC</u>
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
ft.	ft.	in.			
<u>30</u>	<u>55</u>	<u>4</u>	<u>2010</u>	<u>Sch 40</u>	<u>PVC</u>
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
ft.	ft.		
<u>26</u>	<u>28</u>	<u>Pellets</u>	<u>Poured 12-Buckets</u>
<u>2</u>	<u>26</u>	<u>Cement</u>	<u>Trimmie 13-Bags</u>
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
ft.	ft.		
<u>28</u>	<u>55</u>	<u>#2 Sand</u>	<u>Poured/Vibrate</u>
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	<u>No Soil Log</u>
ft.	ft.	<u>Straight Drilled</u>
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

Francis Xavier Harrington
 Signature of Certified Well Contractor

3/15/2021
 Date

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.



Apex Companies

BORING NUMBER NHCW-28

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC
DATE/TIME STARTED 2021-02-15 00:00 **COMPLETED** 2021-02-15 00:00 **GROUND ELEVATION** 724.3 ft **TOP OF CASING** 725.46 ft
DRILLING CONTRACTOR Walker-Hill Environmental **EQUIPMENT** Sonic Rig SDC 450-14
DRILLER Jeff Lowe **GROUND WATER LEVELS AND TIME:**
LOGGED BY Kyle Zigler **BOREHOLE DIAMETER** 10 in. **DURING DRILLING** 40.00 ft / Elev 684.30 ft
METHOD Sonic **AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10					No Stratigraphic Logging	grout 4-in. Sch 40 PVC casing
20						
30						bentonite
40						silica sand #2 4-in. Sch 40 PVC 0.010 slotted screen
50						

CPC HUNTERSVILLE_BH_MW - GINT STD US LAB.GDT - 5-22-21 17:46 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\CPC_HUNTERSVILLE.GPJ

WELL CONSTRUCTION RECORD (GW-1)

1. Well Contractor Information:

Francis Xavier Harrington

Well Contractor Name

4389 A

NC Well Contractor Certification Number

Walker Hill Environmental

Company Name

2. Well Construction Permit #:

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

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☐ Monitoring ☒ Recovery
☐ Injection Well:
☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 2/15/2021 Well ID# NHCLW-28

5a. Well Location:

Colonial Pipeline

Facility/Owner Name

Facility ID# (if applicable)

Huntersville - Concord Rd, Huntersville
28098

Physical Address, City, and Zip

Mecklenburg

County

01940102

Parcel Identification No. (PIN)

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

35.415194 N 80.805080 W

6. Is (are) the well(s) ☒ Permanent or ☐ Temporary

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

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

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: 1

9. Total well depth below land surface: 55 (ft.)
 For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: _____ (ft.)
 If water level is above casing, use "ft. b"

11. Borehole diameter: 12 (in.)

12. Well construction method: Sonic
 (i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

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

13b. Disinfection type: _____ Amount: _____

For Internal Use Only:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
<u>+1</u> ft.	<u>30</u> ft.	<u>4</u> in.	<u>Sch 40</u>	<u>PVC</u>
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
<u>30</u> ft.	<u>55</u> ft.	<u>4</u> in.	<u>.010</u>	<u>Sch 40</u>	<u>PVC</u>
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
<u>26</u> ft.	<u>28</u> ft.	<u>Pellets</u>	<u>Poured 12 Buckets</u>
<u>2</u> ft.	<u>26</u> ft.	<u>Cement</u>	<u>Trimmie 13 Bags</u>
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
<u>28</u> ft.	<u>55</u> ft.	<u>#2 Sand</u>	<u>Poured/Vibrate</u>
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	<u>No Soil Log</u>
ft.	ft.	<u>Straight Drilled</u>
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

Francis Xavier Harrington
 Signature of Certified Well Contractor

3/15/2021
 Date

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. **For Water Supply & Injection Wells:** In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.



Apex Companies

BORING NUMBER NHCW-29

CLIENT	Colonial Pipeline	PROJECT NAME	2020-L1-SR2448
PROJECT NUMBER	CPC21018	PROJECT LOCATION	Huntersville, NC
DATE/TIME STARTED	2021-02-16 00:00	COMPLETED	2021-02-16 00:00
GROUND ELEVATION	727.19 ft	TOP OF CASING	728.13 ft
DRILLING CONTRACTOR	Walker-Hill Environmental	EQUIPMENT	Sonic Rig SDC 450-14
DRILLER	Jeff Lowe	GROUND WATER LEVELS AND TIME:	
LOGGED BY	Kyle Zigler	BOREHOLE DIAMETER	10 in.
METHOD	Sonic	DURING DRILLING	40.00 ft / Elev 687.19 ft
		AFTER DRILLING	---

CPC HUNTERSVILLE_BH_MW - GINT STD US LAB.GDT - 5-22-21 17:46 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\CPC_HUNTERSVILLE.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10					No Stratigraphic Logging	grout 4-in. Sch 40 PVC casing
20						
30						bentonite
40						silica sand #2 4-in. Sch 40 PVC 0.010 slotted screen
50						

WELL CONSTRUCTION RECORD (GW-1)

1. Well Contractor Information:

Francis Xavier Harrington

Well Contractor Name

4389 A

NC Well Contractor Certification Number

Walker Hill Environmental

Company Name

2. Well Construction Permit #:

List all applicable well construction permits (i.e. UIC, County, State, Variances, etc.)

3. Well Use (check well use):

Water Supply Well:

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☐ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☐ Monitoring ☒ Recovery
☐ Injection Well:
☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 2/16/2021 Well ID# NHCLW-29

5a. Well Location:

Colonial Pipeline

Facility/Owner Name

Facility ID# (if applicable)

Huntersville - Concord Rd, Huntersville
28078

Physical Address, City, and Zip

Mecklenburg

County

01940102

Parcel Identification No. (PIN)

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

35.415198 N 80.804915 W

6. Is (are) the well(s) ☒ Permanent or ☐ Temporary

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

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

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: 1

9. Total well depth below land surface: 55 (ft.)

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

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

If water level is above casing, use " "

11. Borehole diameter: 12 (in.)

12. Well construction method: Sonic
 (i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

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

13b. Disinfection type: _____ Amount: _____

For Internal Use Only:

14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		
<u>+1</u>	<u>30</u>	<u>4</u>	<u>Sch 40</u>	<u>PVC</u>
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
ft.	ft.	in.			
<u>30</u>	<u>55</u>	<u>4</u>	<u>.010</u>	<u>Sch 40</u>	<u>PVC</u>
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
ft.	ft.		
<u>26</u>	<u>28</u>	<u>Pellets</u>	<u>Poured 12-Buckets</u>
<u>2</u>	<u>26</u>	<u>Cement</u>	<u>Trimmie 12-Bags</u>
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
ft.	ft.		
<u>28</u>	<u>55</u>	<u>#2 Sand</u>	<u>Poured/Vibrate</u>
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
ft.	ft.	
ft.	ft.	
ft.	ft.	<u>No Soil Log</u>
ft.	ft.	<u>Straight Drilled</u>
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:

Francis Xavier Harrington
 Signature of Certified Well Contractor

3/15/2021
 Date

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

23. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

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

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

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

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

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

APPENDIX C
GROUNDWATER SAMPLING LOGS

GROUNDWATER SAMPLING LOG											
SITE NAME: 2020-L1-2448 Incident			SITE LOCATION: Huntersville, NC			PROJECT NUMBER: 60639876			WELL NAME: MW-01		DATE: 05-06-21
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 19 feet to 34 feet		DEPTH TO WATER (feet): 24.75		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) = (feet – feet) X gallons/foot = gallons											
PUMP DEPTH IN WELL (feet): 30			PURGING INITIATED AT: 1430			PURGING ENDED AT: 1610			TOTAL VOLUME PURGED (gallons): 4.25		
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	--	--
1445	0	0.05	24.77	16.1	4.76	103.1	5.13	406.3	>1100	L. Brown	None
1450	0.25		24.78	16.2	7.28	103.2	5.24	392.6	>1100		
1455	0.5		24.79	16.2	6.98	103.4	5.46	388.1	>1100		
1500	0.75			16.3	6.64	103.5	5.62	365.5	897.2		
1505	1.0			16.4	6.55	103.6	5.64	356.7	716.4		
1510	1.25			16.4	6.89	103.6	5.71	347.9	559.2		
1515	1.5			16.4	6.95	103.7	5.77	343.2	490.6		
1520	1.75			16.5	7.00	103.8	5.86	339.4	420.9		
1525	2.0			16.6	7.01	103.9	5.87	335.7	365.8		
1530	2.25			16.7	6.95	103.9	5.89	332.8	309.6		
1535	2.5			16.7	6.88	104.0	5.91	331.0	247.6		
1540	2.75			16.6	6.72	104.1	5.92	329.7	153.9		
1545	3.0			16.6	6.67	104.4	5.93	327.5	120.2	Clear	
1550	3.25			16.5	6.46	104.6	5.95	323.8	150.6		
1555	3.5			16.5	6.50	104.6	5.94	324.2	210.7		
1600	3.75			16.5	6.42	104.5	5.94	324.4	197.7		
1605	4.00			16.4	6.46	104.5	5.94	324.5	200.9		
1610	4.25			16.4	6.38	104.4	5.94	324.5	182.4		
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: L. Tian / AECOM				SAMPLER(S) SIGNATURE(S): <i>L. Tian</i>				SAMPLE TIME: 1610			
PUMP OR TUBING DEPTH IN WELL (feet): 30				TUBING MATERIAL CODE: LDPE				FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: --			
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	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-01	4	AG	40 mL	HCL	40 mL x 4	5.94	6200	ESP	0.05		
	3	AG	40 mL	HCL	40 mL x 3		VPH				
	1	PE	250 mL	HNO ₃	250 mL		Lead by 6010				
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-02		DATE: 05-07-21	
WELL DIAMETER (inches): 2			TUBING DIAMETER (inches): 3/8"			WELL SCREEN INTERVAL DEPTH: 19 feet to 34 feet			DEPTH TO WATER (feet): 26.64		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) 1.53 = (feet – feet) X gallons/foot = gallons												
PUMP DEPTH IN WELL (feet): 30			PURGING INITIATED AT: 0850			PURGING ENDED AT: 1040			TOTAL VOLUME PURGED (gallons): 5.25			
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	--	--	
0855	0	0.04	26.69	14.8	11.83	87.8	6.62	352.7	>1100	L. Brown	None	
0900	0.2		26.70	15.0	10.11	88.7	6.60	275.0	>1100			
0905	0.4		26.72	15.2	9.05	89.91	6.57	187.0	>1100			
0910	0.6		26.72	15.5	7.45	92.5	6.52	127.9	>1100			
0915	0.8		26.73	15.6	11.71	91.8	6.54	106.7	867.5			
0920	1.0		26.73	15.8	3.56	91.0	6.53	90.8	711.7			
0925	1.2		26.73	16.0	3.53	89.4	6.20	80.3	628.7			
0930	1.4		26.73	16.0	3.41	89.3	6.48	80.2	532.4			
0935	1.6		26.73	17.2	3.66	90.1	6.49	92.7	398.9			
0940	1.8		26.74	18.1	3.78	90.7	6.52	108.1	281.4			
0945	2.0			18.1	5.91	89.0	6.25	152.0	235.0			
0950	2.2			17.4	5.22	87.9	6.11	176.8	207.1			
0955	2.4			16.9	6.06	86.4	6.01	190.8	162.7			
1000	2.6			16.8	6.10	87.6	6.07	192.7	145.9			
1005	2.8			16.6	6.19	85.6	6.10	188.7	122.9			
1010	3.0			16.5	6.24	84.6	6.12	186.9	93.98	Clear		
1015	3.2			16.5	5.22	84.1	6.13	186.5	67.52			
1020	3.4			16.4	5.91	83.8	6.13	186.1	32.11			
1025	3.6			16.4	5.97	83.6	6.14	185.1	21.72			
1030	3.8			16.5	6.00	83.5	6.14	182.6	5.12			
1035	4.0			16.5	5.95	83.8	6.14	184.2	4.99			
1040	4.2			16.5	5.96	83.9	6.14	184.2	3.78			
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: L. Tian / AECOM				SAMPLER(S) SIGNATURE(S): <i>Lut</i>				SAMPLE TIME: 1040				
PUMP OR TUBING DEPTH IN WELL (feet): 30				TUBING MATERIAL CODE: LDPE			FIELD-FILTERED: Y (N) Filtration Equipment Type: --			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	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-02	4	AG	40 mL	HCL	40 mL x 4	6.14	6200	ESP	0.05			
	3	AG	40 mL	HCL	40 mL x 3		VPH					
	1	PE	250 mL	HNO ₃	250 mL		Lead by 6010					
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

[illegible]

GROUNDWATER SAMPLING LOG												
SITE NAME: 2020-L1-2448 Incident			SITE LOCATION: Huntersville, NC			PROJECT NUMBER: 60639876			WELL NAME: MW-05		DATE: 05-06-21	
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 9 feet to 39 feet			DEPTH TO WATER (feet): 22.78		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) = (feet – feet) X gallons/foot = gallons												
PUMP DEPTH IN WELL (feet): 27			PURGING INITIATED AT: 1115			PURGING ENDED AT: 1230			TOTAL VOLUME PURGED (gallons):			
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	--	--	
1120	0	0.05	22.79	16.9	6.45	66.1	5.79	379.0	372.1	L. Brown	None	
1125	0.25		22.82	16.9	5.23	65.9	5.85	369.4	320.9			
1130	0.5		22.83	17.0	5.21	66.5	5.89	364.3	289.7			
1135	0.75		22.84	17.1	5.17	66.9	5.97	357.9	243.1			
1140	1.0		22.86	17.4	5.15	67.5	6.02	352.4	179.0			
1145	1.25		22.86	17.6	5.03	68.9	6.00	352.6	164.9			
1150	1.5		22.87	17.7	5.05	69.2	6.01	352.2	124.7			
1155	1.75		22.88	17.7	5.06	69.5	6.02	352.0	109.7			
1200	2.0		22.90	17.8	5.04	69.9	6.02	351.9	86.17	Clear		
1205	2.25		22.91	17.8	5.01	70.1	6.01	351.4	67.91			
1210	2.5		22.93	17.7	4.95	70.4	6.00	350.9	75.15			
1215	2.75		22.94	17.7	4.87	70.5	6.00	350.7	56.11			
1220	3.0		22.96	18.1	4.63	71.3	6.04	345.9	47.21			
1225	3.25		22.97	18.1	4.67	71.5	6.04	346.1	50.66			
1230	3.5		22.98	18.2	4.87	71.6	6.03	346.5	45.17			
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: L. Tian / AECOM				SAMPLER(S) SIGNATURE(S): <i>Lut</i>				SAMPLE TIME: 1230				
PUMP OR TUBING DEPTH IN WELL (feet): 27				TUBING MATERIAL CODE: LDPE			FIELD-FILTERED: Y (N) Filtration Equipment Type: --			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	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-05	4	AG	40 mL	HCL	40 mL x 4	6.63	6200	ESP	0.05			
	3	AG	40 mL	HCL	40 mL x 3		VPH					
	1	PE	250 mL	HNO ₃	250 mL		Lead by 6010					
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

GROUNDWATER SAMPLING				WELL NAME: MW-07	DATE: 5/6/21
SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC	PROJECT NUMBER: 60639876	PUMP TYPE OR BAILER: Monsoon		
WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3 1/8"	WELL SCREEN INTERVAL DEPTH: 23 feet to 38 feet	DEPTH TO WATER (feet): 29.89		
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY					
(only fill out if applicable)					
= (37.90 feet - 29.89 feet) X 0.16 gallons/foot		= 1.2 X 3 = 3.8 gallons			
PURGING			TOTAL VOLUME PURGED (gallons): 4		

PUMP DEPTH IN WELL (feet): 34		PURGING INITIATED AT: 1130			PURGING ENDED AT: 1212		PURGED (gallons): 1	
DEPTH	TEMP	DO	COND.	pH (standard)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)

[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: Erik Riegel / AECOM				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>		SAMPLE TIME: 1215		FILTER SIZE: -- µm	
PUMP OR TUBING DEPTH IN WELL (feet): 34				TUBING MATERIAL CODE: LDPE		FIELD-FILTERED: Y (N)		Filtration Equipment Type: --	
FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) (replaced)				DUPLICATE: Y (N)		INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)		TOTAL VOL ADDED IN FIELD (mL)		FINAL pH	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED					
MW-07	4	AG	40 mL	HCL	40 mL x 4	6.22	6200	ESP	0.1
MW-07	3	AG	40 mL	HCL	40 mL x 3	6.22	VPH	ESP	0.1
MW-07	1	PE	250 mL	HNO ₃	250 mL	6.22	Lead by 6010	ESP	0.1

REMARKS: _____

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDP = Low Density Polyethylene; S = Silicone; T = Teflon; O = Other (Specify) _____; PP = Bladder Pump; ESP = Electric Submersible Pump; (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Suction 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-07D		DATE: 5-2-21			
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/8 x 1/2		WELL SCREEN INTERVAL DEPTH: 163 feet to 173 feet		DEPTH TO WATER (feet): 29.20		PUMP TYPE OR BAILER: Hoega-Monsoon			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (173 feet - 29.20 feet) X 0.16 gallons/foot = 23.60 gallons											
PUMP DEPTH IN WELL (feet): 168		PURGING INITIATED AT: 1340		PURGING ENDED AT: 1440		TOTAL VOLUME PURGED (gallons): 8.0					
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	--	--
1340	0.0	0.1	29.20	15.5	0.69	403.6	7.27	77.9	5.45	clear	slight
1345	0.5	0.1	32.38	15.6	0.33	458	7.21	26.2	62.5	clear	slight
1350	0.0	0.1	32.47	15.6	0.36	480.5	7.22	9.3	69.9	cloudy	slight
1355	1.5	0.1	32.58	15.6	0.44	489.3	7.24	-0.6	50.9	cloudy	slight
1400	2.0	0.1	33.20	15.7	0.87	416.7	7.29	-3.3	21.7	clear	slight
1405	2.5	0.1	34.04	15.8	1.29	366.8	7.31	0.9	11.5	clear	slight
1410	3.0	0.1	33.56	16.0	1.35	350.0	7.33	6.0	7.24	clear	slight
1415	3.5	0.1	33.91	15.8	1.42	346.7	7.34	6.3	7.33	clear	slight
1420	4.0	0.1	34.75	15.8	1.57	332.7	7.33	9.4	4.96	clear	slight
1425	5.0	0.2	34.21	15.8	1.60	329.0	7.35	13.2	4.33	clear	slight
1430	6.0	0.2	34.87	15.7	1.67	325.9	7.35	14.5	2.95	clear	slight
1435	7.0	0.2	35.21	15.8	1.59	325.0	7.35	14.4	2.55	clear	slight
1440	8.0	0.2	35.23	15.8	1.62	326.5	7.36	15.3	2.07	clear	slight
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: Jeff Hrozdek / AECOM				SAMPLER(S) SIGNATURE(S): Jeff T. Hrozdek				SAMPLE TIME: 1440			
PUMP OR TUBING DEPTH IN WELL (feet): 168				TUBING MATERIAL CODE: LDPE				FIELD-FILTERED: Y (N) Filtration Equipment Type: --			
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		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-07D	4	AG	40 mL	HCL	40 mL x 4	7.36	6200		ESP		0.2
MW-162D	3	AG	40 mL	HCL	40 mL x 3	7.36	VPH		ESP		0.2
MW-107D	1	PE	250 mL	HNO3	250 mL	7.36	Lead by 6010		ESP		0.2
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; 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: 2008-L1-2448 Incident		SITE LOCATION: Huntersville, NC		PROJECT NUMBER: 60639876		WELL NAME: MW-08		DATE: 05/04/2021			
WELL DIAMETER (inches):		TUBING DIAMETER (inches): 3/8		WELL SCREEN INTERVAL DEPTH: 15 feet to 45 feet		DEPTH TO WATER (feet): 29.35		PUMP TYPE OR BAILER: Mason			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)											
= (feet - feet) X gallons/foot = gallons											
PUMP DEPTH IN WELL (feet): 35		PURGING INITIATED AT: 1345		PURGING ENDED AT: 1410		TOTAL VOLUME PURGED (gallons):					
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	0.00	0.1	29.98	18.3	6.80	118.7	6.06	324.1	27.16	Clear	None
1350	0.5	1	29.98	18.4	5.78	119.1	6.14	321.8	18.66	1	1
1355	1.0	1	30.00	18.2	5.40	118.2	6.14	325.0	7.85	1	1
1400	1.5	1	30.10	18.4	5.03	118.4	6.14	327.1	4.57	1	1
1405	2.0	1	30.13	18.3	5.23	118.3	6.13	329.1	7.68	1	1
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 Chala / ASCOM				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>				SAMPLE TIME: 1410			
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)							
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)		
MW-08	4	AG	40 mL	HCL	40 mL x 4	6.13	6200	ESP	0.1		
1	3	AG	40 mL	HCL	40 mL x 3	1	VPH	1	1		
	1	PE	250 mL	HNO3	250 mL		Lead by 6010				
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; RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)											

[illegible]

SAMPLING DATA									
SAMPLED BY (PRINT) / AFFILIATION: <i>Andrew Gmalia / ARCOM</i>				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLE TIME: <i>1140</i>		
PUMP OR TUBING DEPTH IN WELL (feet): <i>33</i>				TUBING MATERIAL CODE: <i>LDPE</i>			FIELD-FILTERED: Y ☒ N		FILTER SIZE: <i>—</i> μ m
FIELD DECONTAMINATION: PUMP ☒ 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			
<i>mw-09</i>	<i>4</i>	<i>AG</i>	<i>40 mL</i>	<i>HCL</i>	<i>40 mL x 4</i>	<i>6.22</i>	<i>6200</i>	<i>ESP</i>	<i>0.1</i>
<i>2</i>	<i>3</i>	<i>AG</i>	<i>40 mL</i>	<i>HCL</i>	<i>40 mL x 3</i>	<i>1</i>	<i>VPH</i>	<i>1</i>	<i>1</i>
	<i>1</i>	<i>PE</i>	<i>250 mL</i>	<i>HNO₃</i>	<i>250 mL</i>		<i>Lead by 6010</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-12		DATE: 5/7/21			
WELL DIAMETER (inches): 2"		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 21.86 feet to 41.86 feet		DEPTH TO WATER (feet): 31.43		PUMP TYPE OR BAILER: Monsoon XL			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) 1.67 = (41.86 feet - 31.43 feet) X 0.16 gallons/foot = 1.67 gallons											
PUMP DEPTH IN WELL (feet): 36.5		PURGING INITIATED AT: 0900		PURGING ENDED AT: 0940		TOTAL VOLUME PURGED (gallons): 5.75					
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	--	--
0905	0.5	0.1	32.07	16.0	9.00	179.6	6.28	151.0	43.98	clear	none
0910	1.5	0.2	33.86	16.3	8.35	181.4	6.33	132.2	51.04		
0915	2.0	0.1	33.47	16.3	8.23	180.9	6.29	119.2	56.83		
0920	2.75	0.15	33.72	16.5	8.24	176.5	6.23	107.2	59.45		
0925	3.50	0.15	33.78	16.4	8.13	176.8	6.21	105.4	42.12		
0930	4.25	0.15	33.80	16.4	8.05	177.9	6.20	103.6	34.16		
0935	5.00	0.15	33.82	16.5	8.00	175.2	6.17	99.8	23.25		
0940	5.75	0.15	33.82	16.5	7.98	175.1	6.18	97.5	11.89		
Mdk 5/7/21											
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: Mike de Kozlowski / AECOM				SAMPLER(S) SIGNATURE(S): Mike de Kozlowski				SAMPLE TIME: 0950			
PUMP OR TUBING DEPTH IN WELL (feet): 36.5				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		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH					
MW-12	4	AG	40 mL	HCL	40 mL x 4	6.18	6200		ESP		
	3	AG	40 mL	HCL	40 mL x 3	1	VPH		1		
	1	PE	250 mL	HNO3	250 mL		Lead by 6010		1		
REMARKS: DUP-1-20210507 collected. 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-13		DATE: 05.05.21															
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 15 feet to 60 feet		DEPTH TO WATER (feet): 39.60		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)																							
= (feet – feet) X gallons/foot = gallons																							
PUMP DEPTH IN WELL (feet): 45		PURGING INITIATED AT: 1410		PURGING ENDED AT: 1450		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	--	--												
1415	0	0.05	39.62	18.5	5.39	198.5	5.42	403.0	21.59	Clear	None												
1420	0.25		39.62	17.1	2.04	191.8	5.52	390.8	15.72														
1425	0.5		39.63	17.2	1.79	191.2	5.58	382.2	9.78														
1430	0.75		39.64	17.2	1.84	191.0	5.67	376.4	7.11														
1435	1.0		39.64	17.3	1.96	191.6	5.74	376.0	5.71														
1440	1.25		39.65	17.3	2.06	190.2	5.80	365.7	4.62														
1445	1.5		39.65	17.3	2.20	190.4	5.83	363.8	5.07														
1450	1.75		39.65	17.3	2.19	190.3	5.84	363.5	4.22														
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: L. Tian / AECOM			SAMPLER(S) SIGNATURE(S): <i>Lut</i>				SAMPLE TIME: 1450																
PUMP OR TUBING DEPTH IN WELL (feet): 45			TUBING MATERIAL CODE: LDPE			FIELD-FILTERED: Y (N) Filtration Equipment Type: --			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	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-13	4	AG	40 mL	HCL	40 mL x 4	5.84	6200	ESP	0.05														
	3	AG	40 mL	HCL	40 mL x 3		VPH																
	1	PE	250 mL	HNO ₃	250 mL		Lead by 6010																
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-14		DATE: 5/4/21			
WELL DIAMETER (inches): 4		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 14 feet to 44 feet		DEPTH TO WATER (feet): 29.55		PUMP TYPE OR BAILER: Mottson			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (44.14 feet - 29.55 feet) X 0.65 gallons/foot = 9.48 X 3 = 28.45 gallons											
PUMP DEPTH IN WELL (feet): 35		PURGING INITIATED AT: 0950		PURGING ENDED AT: 1010		TOTAL VOLUME PURGED (gallons): 2.5					
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	--	--
0950	0	0.1	29.83	17.8	5.91	117.8	6.07	263.9	5.16	Clear	NA
0955	0.5	0.1	29.90	17.9	5.73	118.0	6.03	265.8	3.19	Clear	NA
1000	1	0.1	29.96	18.0	5.50	118.1	6.00	271.3	2.05	Clear	NA
1005	1.5	0.1	29.96	18.8	5.21	119.1	5.97	274.5	2.10	Clear	NA
1010	2	0.1	29.96	18.2	5.47	119.4	5.97	275.8	1.06	Clear	NA
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: Erik Riegel / AECOM				SAMPLER(S) SIGNATURE(S): 				SAMPLE TIME: 1015			
PUMP OR TUBING DEPTH IN WELL (feet): 35				TUBING MATERIAL CODE: LDPE		FIELD-FILTERED: Y (N)		FILTRATION EQUIPMENT TYPE: --			
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		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-14	4	AG	40 mL	HCL	40 mL x 4	5.97	6200		ESP		0.1
MW-14	3	AG	40 mL	HCL	40 mL x 3	5.97	VPH		ESP		0.1
MW-14	1	PE	250 mL	HNO3	250 mL	5.97	Lead by 6010		ESP		0.1
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-15		DATE: 05-07-21
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 24 feet to 39 feet		DEPTH TO WATER (feet): 33.39		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) = (feet – feet) X gallons/foot = gallons											
PUMP DEPTH IN WELL (feet): 36			PURGING INITIATED AT: 1400			PURGING ENDED AT: 1520			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	--	--
1410	0	0.05	33.41	17.0	6.82	116.7	5.60	384.1	395.2	L. Brown	None
1415	0.25		33.41	17.5	7.24	117.2	5.76	342.5	354.2		
1420	0.5		33.41	17.8	7.40	118.6	5.96	314.6	300.1		
1425	0.75		33.42	17.9	7.11	118.8	5.96	314.2	267.9		
1430	1.0			17.8	6.75	118.5	5.98	312.4	214.2		
1435	1.25			17.9	6.78	118.5	5.97	312.0	168.7		
1440	1.5			18.0	6.85	118.4	5.98	311.7	140.2		
1445	1.75			17.9	6.98	118.2	5.99	309.7	114.9		
1450	2.0			17.8	7.17	118.1	5.99	308.3	97.12	Clear	
1455	2.25			17.8	6.57	118.0	6.00	303.2	82.26		
1500	2.5			17.6	6.58	117.7	6.02	301.4	65.11		
1505	2.75			17.5	6.61	117.4	5.99	300.1	120.7		
1510	3.0			17.4	6.64	116.9	5.96	298.9	70.04		
1515	3.25			17.2	6.66	116.6	5.94	298.5	68.12		
1520	3.5			17.3	6.64	116.0	5.94	298.2	65.52		
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: L. Tian / AECOM				SAMPLER(S) SIGNATURE(S): <i>Lut</i>				SAMPLE TIME: 1520			
PUMP OR TUBING DEPTH IN WELL (feet): 36				TUBING MATERIAL CODE: LDPE		FIELD-FILTERED: Y (N) Filtration Equipment Type: --		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	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-15	4	AG	40 mL	HCL	40 mL x 4	5.94	6200	ESP	0.05		
	3	AG	40 mL	HCL	40 mL x 3		VPH				
	1	PE	250 mL	HNO ₃	250 mL		Lead by 6010				
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-16		DATE: 5/5/21			
WELL DIAMETER (inches): 4"		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 11 feet to 46 feet		DEPTH TO WATER (feet): 33.41		PUMP TYPE OR BAILER: Monsoon XL			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) 8.18 = (46 feet - 33.41 feet) X 0.65 gallons/foot = 8.18 gallons											
PUMP DEPTH IN WELL (feet): 38'		PURGING INITIATED AT: 1130		PURGING ENDED AT: 1230		TOTAL VOLUME PURGED (gallons): 6.75					
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	--	--
1135	0.5	0.1	33.62	19.2	4.55	121.4	5.46	220.2	236.7	clear	none
1140	1.0	0.1	33.85	19.2	3.73	121.6	5.56	195.1	182.6		
1145	1.5	0.1	33.93	19.2	3.49	121.8	5.59	190.9	134.4		
1150	2.0	0.1	34.07	19.5	3.36	122.3	5.77	172.3	129.0		
1155	2.5	0.1	34.12	19.3	3.16	121.2	5.73	174.2	119.2		
1200	3.25	0.15	34.20	18.8	2.89	120.4	5.69	176.3	110.9		
1205	4.00	0.15	34.23	19.0	2.85	120.7	5.73	171.5	90.41		
1210	4.75	0.15	34.27	19.6	2.88	116.2	5.79	163.2	68.74		
1215	5.25	0.1	34.27	18.9	2.94	114.8	6.02	146.2	47.20		
1220	5.75	0.1	34.28	19.3	2.97	115.5	5.92	154.7	41.85		
1225	6.25	0.1	34.28	19.2	3.04	114.6	5.90	158.3	40.26		
1230	6.75	0.1	34.28	19.2	3.03	114.9	5.88	156.2	40.94		
Mdk 5/5/21											
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: Mike de Kozlowski / AECOM				SAMPLER(S) SIGNATURE(S): Mike de Kozlowski				SAMPLE TIME: 1240			
PUMP OR TUBING DEPTH IN WELL (feet): 38'				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		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH					
MW-16	4	AG	40 mL	HCL	40 mL x 4	5.98	6200		ESP		
	3	AG	40 mL	HCL	40 mL x 3	1	VPH		1		
	1	PE	250 mL	HNO3	250 mL		Lead by 6010		1		
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-17		DATE: 5/5/21					
WELL DIAMETER (inches): 4"		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 10 feet to 50 feet		DEPTH TO WATER (feet): 35.03'		PUMP TYPE OR BAILER: Monsoon XL					
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) 9.73 = (50 feet - 35.03 feet) X 0.65 gallons/foot = 9.73 gallons													
PUMP DEPTH IN WELL (feet): 40'		PURGING INITIATED AT: 1025		PURGING ENDED AT: 1050		TOTAL VOLUME PURGED (gallons): 2.5							
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	--	--		
1030	0.5	0.1	35.10	18.6	0.42	96.6	5.17	222.8	26.60	clear	none		
1035	1.0	0.1	35.20	19.3	0.39	96.7	5.44	196.5	27.52				
1040	1.5	0.1	35.27	19.4	0.37	96.6	5.51	189.4	18.65				
1045	2.0	0.1	35.28	19.7	0.35	98.0	5.59	182.9	16.16				
1050	2.5	0.1	35.28	19.8	0.31	98.0	5.58	182.6	17.53				
Mdk 5/5/21													
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: Mike de Kozlowski / AECOM				SAMPLER(S) SIGNATURE(S): Mike de Kozlowski				SAMPLE TIME: 1100					
PUMP OR TUBING DEPTH IN WELL (feet): 40'				TUBING MATERIAL CODE: LDPE				FIELD-FILTERED: Y (N) FILTER SIZE: -- µm Filtration Equipment Type: --					
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		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-17	4	AG	40 mL	HCL	40 mL x 4	5.58	6200		ESP		0.1		
	3	AG	40 mL	HCL	40 mL x 3		VPH						
	1	PE	250 mL	HNO3	250 mL		Lead by 6010						
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)													

[illegible]

GROUNDWATER SAMPLING LOG					
SITE NAME: 2020-L1-2448 Incident		SITE LOCATION: Huntersville, NC		PROJECT NUMBER: 60639876	
WELL DIAMETER (inches): 2"		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: ~ feet to 51.7 feet	
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)		DEPTH TO WATER (feet): 42.17'		PUMP TYPE OR BAILER: Monsoon XL	
1.52 = (51.70 feet - 42.17 feet) X 0.16		gallons/foot = 1.52		gallons	
PURGING		1.52		TOTAL VOLUME PURGED (gallons): 2.5	

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	TO WATER (feet)	TEMP. (°C)	DO (mg/L)	ORP (µS/cm)	(standard units)	(mV)	(NTU)		
			<0.3 ft.	within 3%	within 10% or ±0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or ≤5 NTU	--	--
									14.24	clear	None

WELL CAPACITY (Gallons Per Foot): $0.75'' = 0.02$; $1'' = 0.04$; $1.5'' = 0.06$

SAMPLING DATA

SAMPLE 14-11

SAMPLED BY (PRINT) / AFFILIATION: _____
SAMPLER(S) SIGNATURE(S): _____
SAMPLE TIME: 1900
FIELD FILTERED: Y (N) FILTER SIZE: —

DEPTH IN WELL (feet)	PUMP	TUBING	INTENDED ANALYSIS AND/OR (STUDY)	SAMPLING EQUIPMENT CODE	SAMPLE FLOW RATE (gal per min)

REMARKS: _____

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; S = Silicone; T = Teflon; O = Other (Specify) R = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain);
RFPP = Reverse Flow Peristaltic Pump;

GROUNDWATER SAMPLING LOG											
SITE NAME: 2020-L1-2448 Incident			SITE LOCATION: Huntersville, NC			PROJECT NUMBER: 60639876			WELL NAME: MW-21		DATE: 05.05.21
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 15 feet to 50 feet			DEPTH TO WATER (feet): 30.62		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)											
= (feet - feet) X gallons/foot = gallons											
PUMP DEPTH IN WELL (feet): 35			PURGING INITIATED AT: 0815			PURGING ENDED AT: 0900			TOTAL VOLUME PURGED (gallons): 2.0		
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	--	--
0820	0	0.05	30.63	17.6	3.94	201.9	6.37	71.5	89.17	Clear	None
0825	0.25		30.64	17.7	1.41	204.8	6.44	51.3	67.11		
0830	0.5		30.64	17.9	1.29	205.9	6.51	40.5	42.71		
0835	0.75		30.65	17.9	1.11	203.7	6.55	36.7	15.27		
0840	1.0			18.0	1.09	202.3	6.58	30.1	11.25		
0845	1.25			18.1	1.14	202.2	6.58	29.9	6.63		
0850	1.5			18.0	1.09	201.2	6.54	31.5	5.27		
0855	1.75			18.1	1.07	201.2	6.54	31.5	4.69		
0900	2.0			18.1	1.07	201.1	6.55	31.3	4.07		
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: L. Tian / AECOM				SAMPLER(S) SIGNATURE(S): <i>Lut</i>				SAMPLE TIME: 0900			
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	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-21	4	AG	40 mL	HCL	40 mL x 4	6.55	6200	ESP	0.05		
	3	AG	40 mL	HCL	40 mL x 3		VPH				
	1	PE	250 mL	HNO ₃	250 mL		Lead by 6010				
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: 05-05-21	
WELL DIAMETER (inches): 2			TUBING DIAMETER (inches): 3/8"			WELL SCREEN INTERVAL DEPTH: 15 feet to 45 feet			DEPTH TO WATER (feet): 29.35		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)												
= (feet – feet) X gallons/foot = gallons												
PUMP DEPTH IN WELL (feet): 35			PURGING INITIATED AT: 0925			PURGING ENDED AT: 1030			TOTAL VOLUME PURGED (gallons): 6.0			
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	--	--	
0930	0	0.1	29.36	18.3	7.36	94.9	5.56	294.6	>1100	L.Brown	None	
0935	0.5		29.36	18.4	6.87	95.7	5.61	294.5	>1100			
0940	1.0		29.38	18.4	6.28	97.2	5.76	289.5	968.2			
0945	1.5		29.39	18.5	6.31	97.7	5.79	288.9	841.7			
0950	2.0		29.40	18.5	6.37	98.4	5.82	288.2	651.8			
0955	2.5		29.41	18.5	6.13	98.7	5.84	290.2	391.1			
1000	3.0		29.41	18.5	6.22	99.1	5.86	291.6	260.2			
1005	3.5		29.42	18.6	6.05	100.2	5.88	296.8	124.8			
1010	4.0		29.43	18.6	6.11	99.4	5.90	296.8	100.9			
1015	4.4		29.44	18.7	6.15	99.5	5.91	296.8	97.20			
1020	5.0		29.45	18.7	6.17	99.2	5.91	296.9	86.21			
1025	5.5		29.46	18.7	6.16	98.9	5.92	297.1	84.25			
1030	6.0		29.47	18.8	6.13	98.7	5.92	297.2	79.35			
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: L. Tian / AECOM				SAMPLER(S) SIGNATURE(S): 				SAMPLE TIME: 1030				
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	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						
MWJ-23	4	AG	40 mL	HCL	40 mL x 4	5.92	6200	ESP	0.05			
	3	AG	40 mL	HCL	40 mL x 3		VPH					
	1	PE	250 mL	HNO ₃	250 mL		Lead by 6010					
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-25		DATE: 5/6/21	
WELL DIAMETER (inches): 2"			TUBING DIAMETER (inches): 3/8"			WELL SCREEN INTERVAL DEPTH: 42 feet to 57 feet			DEPTH TO WATER (feet): 44.50'		PUMP TYPE OR BAILER: Monsoon XL	
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) 2.00 = (57 feet - 44.50 feet) X 0.16 gallons/foot = 2.00 gallons												
PUMP DEPTH IN WELL (feet): 50'			PURGING INITIATED AT: 1130			PURGING ENDED AT: 1210			TOTAL VOLUME PURGED (gallons): 6.00			
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	--	--	
1135	0.75	0.15	44.82	16.7	5.97	215.3	5.96	185.2	>1100	Brown	None	
1140	1.50	0.15	44.99	16.7	5.79	215.1	6.00	183.1	1091			
1145	2.25	0.15	45.17	16.8	5.64	216.2	6.01	183.5	>1100			
1150	3.00	0.15	45.23	16.8	5.50	217.0	6.02	183.8	>1100			
1155	3.75	0.15	45.28	16.6	5.73	216.0	6.03	182.9	915.1			
1200	4.50	0.15	45.34	16.6	5.98	214.2	6.00	185.4	362.3	clear		
1205	5.25	0.15	45.33	16.5	5.83	214.3	5.98	187.3	366.1			
1210	6.00	0.15	45.33	16.5	5.92	214.7	5.99	187.7	364.2			
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: Mike de Kozlowski / AECOM				SAMPLER(S) SIGNATURE(S): <i>Mike de Kozlowski</i>				SAMPLE TIME: 1220				
PUMP OR TUBING DEPTH IN WELL (feet): 50'				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	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-25	4	AG	40 mL	HCL	40 mL x 4	5.99	6200	ESP	0.15			
1	3	AG	40 mL	HCL	40 mL x 3	1	VPH	1	1			
	1	PE	250 mL	HNO ₃	250 mL		Lead by 6010	1	1			
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; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)												

[illegible]

SITE NAME: 2020-L1-2448 Incident		SITE LOCATION: Huntersville, NC		PROJECT NUMBER: 60639876		WELL NAME: MW-28		DATE: 5/5/21	
WELL DIAMETER (inches): 2"		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 25 feet to 40 feet		DEPTH TO WATER (feet): 27.90		PUMP TYPE OR BAILER: Monsoon XL	

(only fill out if applicable) 1.94 = 40 feet - 27.90 feet X 0.16 gallons/foot = 1.94 gallons

PUMP DEPTH IN WELL (feet): 33'	PURGING INITIATED AT: 1320	PURGING ENDED AT: 1355	TOTAL VOLUME PURGED (gallons): 5.25
--------------------------------	----------------------------	------------------------	-------------------------------------

Mark 5/5/21

SAMPLING DATA

SAMPLE TIME: 1405

Mike de Kozlowski/AECOM

Mike de K. M.

PUMP OR TUBING DEPTH IN WELL (feet): 33'

TUBING
MATERIAL CODE: LDPE

FIELD-FILTERED: Y (N)
Filtration Equipment Type: --

FILTER SIZE: 20-40 μm

FIELD DECONTAMINATION: PUMP Y N

TUBING Y (N replaced)

DUPLICATE: Y

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-28	4	AG	40 mL	HCL	40 mL x 4	5.80	6200	ESP	0.15
1	3	AG	40 mL	HCL	40 mL x 3	1	VPH	1	1
	1	PE	250 mL	HNO ₃	250 mL	1	Lead by 6010	1	1

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-29		DATE: 05/07/21			
WELL DIAMETER (inches): 4"		TUBING DIAMETER (inches): ID 3/8" HS		WELL SCREEN INTERVAL DEPTH: 10 feet to 50 feet		DEPTH TO WATER (feet): 29.09		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) = (53.2 feet - 29.09 feet) X 0.65 TRB gallons/foot = 15.47 TRB gallons											
PUMP DEPTH IN WELL (feet): ~52'		PURGING INITIATED AT: 0825		PURGING ENDED AT: 0915		TOTAL VOLUME PURGED (gallons): 5.549					
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	--	--
0850	2.774	0.111	29.91	15.4	0.25	136.6	6.34	153.8	11.55	Clear	None
0855	3.329	0.111	29.84	15.5	0.22	137.5	6.34	135.7	8.15	Clear	None
0900	3.884	0.111	29.79	15.5	0.25	137.9	6.34	123.9	7.13	Clear	None
0905	4.439	0.111	29.77	15.5	0.22	138.0	6.34	115.1	5.35	Clear	None
0910	4.994	0.111	29.76	15.5	0.23	138.2	6.34	109.1	4.47	Clear	None
0915	5.549	0.111	29.76	15.5	0.23	138.3	6.34	106.3	3.69	Clear	None
Comment (TRB) Mild odor of benzene when noticed dumping purge water 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 Dams / AECOM				SAMPLER(S) SIGNATURE(S): 			SAMPLE TIME: 0915		
PUMP OR TUBING DEPTH IN WELL (feet): ~52'				TUBING MATERIAL CODE: T			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	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-29	4	AG	40 mL	HCL	40 mL x 4	6.34	6200	ESP	0.111
↓	3	AG	40 mL	HCL	40 mL x 3	6.34	VPH	↓	↓
↓	1	PE	250 mL	HNO ₃	250 mL	6.34	Lead by 6010	↓	↓
REMARKS: Tagged bottom w/ pump. pulled up 1' (~2' below screen) TRB (or close to bottom) - 420 mL/min = 0.42 L/min = 0.111 gpm ← type in sample plan led to believe sample below									
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-30		DATE: 5/17/2021	
WELL DIAMETER (inches): 2			TUBING DIAMETER (inches): 3/4			WELL SCREEN INTERVAL DEPTH: 18 feet to 35 feet			DEPTH TO WATER (feet): 27.34		PUMP TYPE OR BAILER: Merson	
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (feet - feet) X gallons/foot = gallons												
PUMP DEPTH IN WELL (feet): 32			PURGING INITIATED AT: 0910			PURGING ENDED AT: 0950			TOTAL VOLUME PURGED (gallons): 4.0			
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	--	--	
0910	0.00	0.1	27.64	15.1	6.17	135.1	6.16	345.6	34.32	Clear	None	
0915	0.5		27.71	16.4	5.72	134.6	6.17	336.1	31.09			
0920	1.0		27.80	15.9	5.62	136.7	6.17	332.1	18.17			
0925	1.5		27.89	15.9	6.02	136.8	6.16	229.2	32.15			
0930	2.0		27.92	16.0	6.05	137.0	6.16	325.9	18.72			
0935	2.5		27.90	16.0	6.01	136.6	6.16	323.8	17.71			
0940	3.0		28.04	16.0	6.10	135.8	6.16	319.5	12.17			
0945	3.5		28.08	16.1	6.09	136.9	6.16	318.0	10.10			
0950	4.0		28.12	16.2	6.13	137.5	6.16	317.3	10.29			
AO												
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 S'malia / A&E.com						SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLE TIME: 0955			
PUMP OR TUBING DEPTH IN WELL (feet): 32						TUBING MATERIAL CODE: 2 DPE			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	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-30	4	AG	40 mL	HCL	40 mL x 4	6.16	6200	ESP	0.1			
1	3	AG	40 mL	HCL	40 mL x 3	1	VPH	1	1			
	1	PE	250 mL	HNO ₃	250 mL		Lead by 6010					
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-32		DATE: 5/6/2021	
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches):		WELL SCREEN INTERVAL DEPTH: 10 feet to 25 feet		DEPTH TO WATER (feet): 1150		PUMP TYPE OR BAILER: manual	

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet - feet) X gallons/foot = gallons

PUMP DEPTH IN WELL (feet): 18	PURGING INITIATED AT: 1100	PURGING ENDED AT: 1145	TOTAL VOLUME PURGED (gallons): 4.5
-------------------------------	----------------------------	------------------------	------------------------------------

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	--	--
1100	0.00	0.1	12.06	14.4	4.27	115.3	6.05	293.8	101.8	Cloudy white	None
1105	0.5		12.06	15.3	4.15	117.0	6.14	265.1	76.05	Clear	
1110	1.0		12.06	15.4	4.23	117.3	6.14	264.6	37.21		
1115	1.5		12.08	15.5	4.34	117.5	6.13	264.4	21.08		
1120	2.0		12.08	15.7	4.56	118.2	6.14	264.4	20.58		
1125	2.5		12.08	16.0	4.44	119.5	6.15	264.5	15.45		
1130	3.0		12.08	16.1	4.55	119.6	6.14	264.6	9.88		
1135	3.5		12.07	16.1	4.52	119.6	6.15	264.7	5.46		
1140	4.0		12.07	16.2	4.54	119.7	6.15	264.9	7.36		
1145	4.5		12.08	16.1	4.48	119.6	6.15	264.9	6.33		

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 Dimala / ASD.com				SAMPLER(S) SIGNATURE(S):				SAMPLE TIME: 1150	
PUMP OR TUBING DEPTH IN WELL (feet): 18				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	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	4	AG	40 mL	HCL	40 mL x 4	6.15	6200	ESP	0.1
J	3	AG	40 mL	HCL	40 mL x 3	J	VPH	J	J
	1	PE	250 mL	HNO ₃	250 mL		Lead by 6010	J	J

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-33		DATE: 5/6/2021			
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/4		WELL SCREEN INTERVAL DEPTH: 10 feet to 25 feet		DEPTH TO WATER (feet): 8.92		PUMP TYPE OR BAILER: manual			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)											
= (feet - feet) X gallons/foot = gallons											
PUMP DEPTH IN WELL (feet): 15		PURGING INITIATED AT: 0940		PURGING ENDED AT: 1020		TOTAL VOLUME PURGED (gallons): 40					
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	--	--
0940	0.00	0.1	9.42	14.1	8.07	104.7	6.39	227.3	101.8	Clear	None
0945	0.05	1	9.47	14.4	7.04	104.6	6.31	245.8	92.7		
0950	1.0		9.48	14.4	6.72	104.6	6.30	246.4	108.2		
0955	1.5		9.27	14.5	6.32	104.5	6.29	254.4	81.53		
1000	2.0		9.25	14.5	6.64	104.4	6.28	255.9	83.05		
1005	2.5		9.25	14.6	6.28	104.5	6.28	259.9	58.11		
1010	3.0		9.25	14.8	6.29	104.9	6.27	267.1	41.96		
1015	3.5		9.24	14.9	6.31	105.0	6.27	267.6	44.19		
1020	4.0		9.25	14.9	6.13	105.2	6.27	273.2	41.27		
AO											
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 Dimalia / AECOM				SAMPLER(S) SIGNATURE(S): 				SAMPLE TIME: 1020 hrs			
PUMP OR TUBING DEPTH IN WELL (feet): 15				TUBING MATERIAL CODE: LDPE		FIELD-FILTERED: Y (N)		FILTER SIZE: -- µm			
FIELD DECONTAMINATION: PUMP (Y) 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-33	4	AG	40 mL	HCL	40 mL x 4	6.27	6200	ESP	0.1		
1	3	AG	40 mL	HCL	40 mL x 3	1	VPH	1	1		
	1	PE	250 mL	HNO ₃	250 mL		Lead by 6010				
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)											

[illegible]

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident		SITE LOCATION: Huntersville, NC		PROJECT NUMBER: 60639876		WELL NAME: MW-35		DATE: 5/6/2021	
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 2.31		WELL SCREEN INTERVAL DEPTH: 22 feet to 35 feet		DEPTH TO WATER (feet): 21.90		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)									
PUMP DEPTH IN WELL (feet): 28				PURGING INITIATED AT: 1310		PURGING ENDED AT: 1355		TOTAL VOLUME PURGED (gallons): 4.5	

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	--	--
1310	0.00	0.1	22.09	16.1	7.11	166.1	6.20	284.2	298.3	Cloudy	None
1315	0.5		22.05	16.4	6.84	166.4	6.22	284.1	308.5		
1320	1.0		22.08	16.7	6.72	168.3	6.25	287.4	315.6		
1325	1.5		22.10	16.5	6.59	167.4	6.24	290.8	299.3		
1330	2.0		22.10	16.5	6.55	167.3	6.23	291.4	172.8		
1335	2.5		22.13	16.5	6.41	166.4	6.22	295.9	157.4	Cloudy white	
1340	3.0		22.14	16.6	6.37	166.3	6.22	296.1	58.93	Clear	
1345	3.5		22.14	16.6	6.75	166.1	6.23	297.2	51.45		
1350	4.0		22.14	16.7	6.58	166.3	6.22	297.5	53.21		
1355	4.5		22.12	16.7	6.54	166.4	6.22	297.9	48.48		

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

SAMPLED BY (PRINT) / AFFILIATION: Andrew Omelia / AELum				SAMPLER(S) SIGNATURE(S): AOL				SAMPLE TIME: 1400	
PUMP OR TUBING DEPTH IN WELL (feet): 28				TUBING MATERIAL CODE: LDPE				FIELD-FILTERED: Y (N) FILTER SIZE: -- µm	
FIELD DECONTAMINATION: PUMP ☒ 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-35	4	AG	40 mL	HCL	40 mL x 4	6.22		ESP	0.1
1	3	AG	40 mL	HCL	40 mL x 3	1		VPH	1
1	1	PE	250 mL	HNO ₃	250 mL			Lead by 6010	

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; RFP = Reverse Flow Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible 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-36		DATE: 05-06-21	
WELL DIAMETER (inches): 2			TUBING DIAMETER (inches): 3/8"			WELL SCREEN INTERVAL DEPTH: 27 feet to 42 feet			DEPTH TO WATER (feet): 24.34		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) = (feet – feet) X gallons/foot = gallons												
PUMP DEPTH IN WELL (feet): 30			PURGING INITIATED AT: 0920			PURGING ENDED AT: 1030			TOTAL VOLUME PURGED (gallons): 6.5			
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	--	--	
0925	0	0.1	24.35	15.2	11.77	158.0	6.52	347.0	362.3	L.Brown	None	
0930	0.5		24.35	15.0	9.75	157.1	6.23	351.1	329.2			
0935	1.0		24.36	15.7	9.16	158.3	6.21	342.3	280.7			
0940	1.5			15.6	9.02	158.4	6.20	338.4	249.5			
0945	2.0			15.8	8.94	158.6	6.19	335.6	207.9			
0950	2.5			15.9	8.82	158.6	6.18	332.4	165.7			
0955	3.0			16.1	8.75	158.7	6.16	330.1	133.4			
1000	3.5			16.0	8.65	158.8	6.16	329.5	111.2			
1005	4.0			16.0	8.52	159.1	6.14	331.6	105.2			
1010	4.4		24.38	16.1	8.49	159.5	6.13	333.4	96.72	Clear		
1015	5.0		24.38	16.2	8.38	159.4	6.16	333.3	87.21			
1020	5.5		24.39	16.2	8.60	158.3	6.14	337.0	76.24			
1025	6.0		24.40	16.2	8.60	158.2	6.15	336.6	74.11			
1030	6.5		24.41	16.3	8.60	158.2	6.16	336.2	71.72			
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: L. Tian / AECOM				SAMPLER(S) SIGNATURE(S): <i>L. Tian</i>				SAMPLE TIME: 1030				
PUMP OR TUBING DEPTH IN WELL (feet): 30				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	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-36	4	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	PE	250 mL	HNO ₃	250 mL		Lead by 6010					
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-38		DATE: 5/6/21			
WELL DIAMETER (inches): 4"		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 26.15 feet to 56.15 feet		DEPTH TO WATER (feet): 39.13'		PUMP TYPE OR BAILER: Monsoon XL			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) 11.06 = (56.15 feet - 39.13 feet) X 0.65 gallons/foot = 11.06 gallons											
PUMP DEPTH IN WELL (feet): 45'		PURGING INITIATED AT: 1515		PURGING ENDED AT: 1555		TOTAL VOLUME PURGED (gallons): 6.00					
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 -- --											
1520	0.75	0.15	39.83	17.4	0.87	192.6	5.76	118.6	17.84	clear	none
1525	1.50	0.15	40.36	17.4	0.76	192.5	5.78	115.9	12.37		
1530	2.25	0.15	40.87	17.4	0.66	192.3	5.85	108.4	12.56		
1535	3.00	0.15	41.10	17.5	0.66	192.5	5.89	102.1	13.15		
1540	3.75	0.15	41.12	17.5	0.55	192.8	5.97	98.6	8.11		
1545	4.50	0.15	41.12	17.5	0.56	192.9	5.99	97.3	6.04		
1550	5.25	0.15	41.13	17.5	0.51	193.3	6.01	95.0	3.26		
1555	6.00	0.15	41.13	17.5	0.48	193.2	6.01	94.5	2.14		
MOK 5/6/21											
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: Mike de Kozlowski / AECOM				SAMPLER(S) SIGNATURE(S): Mike de Kozlowski				SAMPLE TIME: 1600			
PUMP OR TUBING DEPTH IN WELL (feet): 45'				TUBING MATERIAL CODE: LDPE				FIELD-FILTERED: Y (N) FILTER SIZE: -- µm Filtration Equipment Type: --			
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-38	4	AG	40 mL	HCL	40 mL x 4	6.01	6200				ESP
	3	AG	40 mL	HCL	40 mL x 3	1	VPH				1
	1	PE	250 mL	HNO3	250 mL		Lead by 6010				1
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 = Bailor; 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-41		DATE: 5/7/21	
WELL DIAMETER (inches): 2"			TUBING DIAMETER (inches): 3/8"			WELL SCREEN INTERVAL DEPTH: 54 feet to 69 feet			DEPTH TO WATER (feet): 54.49		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) = 169 feet - 54.49 feet X 0.16 gallons/foot = 2.3 x 3 = 6.9 gallons												
PUMP DEPTH IN WELL (feet): 59			PURGING INITIATED AT: 1136			PURGING ENDED AT:			TOTAL VOLUME PURGED (gallons):			
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 -- --												
1138	0	0.1	54.70	16.2	6.06	129.7	6.39	246.8	>1100	Brown	NA	
1143	0.5	0.1	54.70	16.6	6.81	134.3	6.34	260.7	>1100	Brown	NA	
1148	1	0.1	54.70	17.0	6.72	138.0	6.40	243.1	453.2	Brown	NA	
1153	1.5	0.1	54.70	17.1	6.59	139.7	6.34	245.2	251.1	Brown	NA	
1158	2	0.1	54.70	17.2	6.53	142.3	6.34	250.1	345.6	Brown	NA	
1203	2.5	0.1	54.70	17.1	6.11	144.8	6.33	248.7	232.0	cloudy	NA	
1208	3	0.1	54.70	17.1	5.80	147.3	6.35	249.2	229.2	cloudy	NA	
1212	3.5	0.1	54.70	17.2	4.93	151.5	6.34	255.0	204.8	cloudy	NA	
1218	4	0.1	54.70	17.4	4.87	152.2	6.34	254.4	212.5	cloudy	NA	
1222	4.5	0.1	54.70	17.4	4.73	152.4	6.34	248.3	223.6	cloudy	NA	
1228	5	0.1	54.70	17.4	4.54	150.7	6.34	245.7	230.9	cloudy	NA	
1232	5.5	0.1	54.70	17.3	4.32	151.3	6.34	241.8	217.4	cloudy	NA	
1238	6	0.1	54.70	17.3	4.48	151.4	6.35	248.7	216.8	cloudy	NA	
1242	6.5	0.1	54.70	17.3	4.50	151.4	6.35	249.9	212.8	cloudy	NA	
1248	7	0.1	54.70	17.2	4.62	158.3	6.35	250.3	210.7	cloudy	NA	
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: Erik Riegel / AECOM				SAMPLER(S) SIGNATURE(S): 				SAMPLE TIME: 1250		FIELD FILTERED: Y (N) FILTER SIZE: -- µm		
PUMP OR TUBING DEPTH IN WELL (feet): 59				TUBING MATERIAL CODE: LDPE				FIELD FILTERED: Y (N) Filtration Equipment Type: --		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		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-41	4	AG	40 mL	HCL	40 mL x 4	6.35	6200		ESP		0.1	
MW-41	3	AG	40 mL	HCL	40 mL x 3	6.35	VPH		ESP		0.1	
MW-41	1	PE	250 mL	HNO3	250 mL	6.35	Lead by 6010		ESP		0.1	
REMARKS: Pumped 3 Well Volumes.												
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-42		DATE: 05/03/2021	
WELL DIAMETER (inches): 4		TUBING DIAMETER (inches): 3/4		WELL SCREEN INTERVAL DEPTH: 11 feet to 51 feet		DEPTH TO WATER (feet): 38.88		PUMP TYPE OR BAILER: peristaltic	

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet - feet) X gallons/foot = gallons

PUMP DEPTH IN WELL (feet): 44	PURGING INITIATED AT: 1130	PURGING ENDED AT: 1215	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	-	-
1130	0.00	0.1	39.94	18.2	4.08	178.2	6.26	224.6	52.57	Clear	None
1135	0.5		40.12	19.1	2.58	180.8	6.29	180.9	35.21		
1140	1.0		40.92	19.5	2.43	183.2	6.28	179.9	28.35		
1145	1.5		41.29	19.6	2.33	183.3	6.27	184.3	30.66		
1150	2.0		41.35	19.2	2.26	181.4	6.26	191.3	18.86		
1155	2.5		41.43	18.6	2.18	179.6	6.26	188.4	20.68		
1200	3.0		41.83	19.6	1.93	183.0	6.27	181.9	21.00		
1205	3.5		41.91	20.2	1.96	184.9	6.28	178.6	19.77		
1210	4.0		42.01	20.3	1.93	185.1	6.28	179.6	22.07		
1215	5.0		42.08	20.3	1.90	185.5	6.27	179.9	20.21		

NO

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: 1220	
PUMP OR TUBING DEPTH IN WELL (feet): 44				TUBING MATERIAL CODE: LDPE				FIELD-FILTERED: Y (N) FILTER SIZE: -- µm	
FIELD DECONTAMINATION: PUMP (Y) 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		SAMPLE PUMP FLOW RATE (gal per minute)
Mw-42	4	AG	40 mL	HCL	40 mL x 4	6.27	6200		0.1
1	3	AG	40 mL	HCL	40 mL x 3	1	VPH		1
1	1	PE	250 mL	HNO ₃	250 mL		Lead by 6010		

REMARKS: Turbidity not < 5 NTU but stable @ ~ 20 NTU.

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; RFP = 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-43		DATE: 5/7/2021			
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/4		WELL SCREEN INTERVAL DEPTH: 10 feet to 47 feet		DEPTH TO WATER (feet): 38.35		PUMP TYPE OR BAILER: manual			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (feet - feet) X gallons/foot = gallons											
PUMP DEPTH IN WELL (feet): 43		PURGING INITIATED AT: 1330		PURGING ENDED AT:		TOTAL VOLUME PURGED (gallons):					
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 -- --											
1330	0.06	0.1	38.55	17.7	5.85	178.9	6.19	87.9	71.00	Brown	None
1335	0.5	0.1	38.61	17.4	5.05	175.5	6.18	-3.7	71.00	Brown	
1340	1.0		38.65	18.0	5.55	173.9	6.19	23.7	329.1	Cloudy Brown	
1345	1.5		38.67	18.2	5.61	173.7	6.18	78.6	217.5		
1350	2.0		38.70	17.9	5.04	172.3	6.18	40.1	288.9		
1355	2.5		38.70	17.5	5.34	170.3	6.16	87.2	300.9		
1400	3.0		38.71	17.6	5.15	170.4	6.16	70.8	221.8		
1405	3.5		38.72	17.7	5.67	171.4	6.17	47.7	203.6		
1410	4.0		38.71	17.8	5.45	171.8	6.18	46.2	211.9		
1415	4.5		38.71	17.8	5.19	171.2	6.17	43.7	207.7		
1420	5.0		38.71	17.8	5.40	171.3	6.17	39.7	191.9		
(AO)											
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): <i>[Signature]</i>				SAMPLE TIME: 1425			
PUMP OR TUBING DEPTH IN WELL (feet): 43				TUBING MATERIAL CODE: LDPE				FIELD-FILTERED: Y (N) FILTER SIZE: -- µm			
FIELD DECONTAMINATION: PUMP (X) 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	ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)	
MW-43	4	AG	40 mL	HCL	40 mL x 4	6.17	6200		ESP	0.1	
1	3	AG	40 mL	HCL	40 mL x 3	1	VPH		1	1	
	1	PE	250 mL	HNO3	250 mL		Lead by 6010		1	1	
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)											

[illegible]

GROUNDWATER SAMPLING LOG												
SITE NAME: 2020-L1-2448 Incident			SITE LOCATION: Huntersville, NC			PROJECT NUMBER: 60639876			WELL NAME: MW-46		DATE: 05-03-21	
WELL DIAMETER (inches): 2			TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 30 feet to 40 feet			DEPTH TO WATER (feet): 31.45		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)												
= (feet - feet) X gallons/foot = gallons												
PUMP DEPTH IN WELL (feet): 35			PURGING INITIATED AT: 0850			PURGING ENDED AT: 0930			TOTAL VOLUME PURGED (gallons): 2.0			
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	--	--	
0850	0	0.05	31.46	18.1	7.78	239.0	6.19	287.6	100.7	None	None	
0855	0.25		31.47	18.1	6.14	239.8	6.06	289.6	89.10			
0900	0.5		31.47	18.2	5.78	239.8	6.09	290.5	76.28			
0905	0.75		31.47	18.3	4.99	239.8	6.12	291.8	71.36			
0910	1.0		31.48	18.3	4.87	239.9	6.12	290.6	68.71			
0915	1.25		31.48	18.4	4.71	240.5	6.13	289.7	62.19			
0920	1.5		31.49	18.5	4.45	241.1	6.13	289.2	54.19			
0925	1.75		31.50	18.6	4.39	241.7	6.14	288.8	52.11			
0930	2.0		31.50	18.8	4.11	242.0	6.15	288.1	51.72			
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: L. Tian / AECOM				SAMPLER(S) SIGNATURE(S): <i>L. Tian</i>				SAMPLE TIME: 0930				
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	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-46	4	AG	40 mL	HCL	40 mL x 4	6.15	6200	ESP	0.05			
	3	AG	40 mL	HCL	40 mL x 3		VPH					
	1	PE	250 mL	HNO3	250 mL		Lead by 6010					
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-49		DATE: 05/04/2021	
WELL DIAMETER (inches): 4"		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 11 feet to 51 feet		DEPTH TO WATER (feet): 32.79		PUMP TYPE OR BAILER: ESP Monsoon	
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)									
= (51 feet - 32.79 feet) X 0.65 gallons/foot = gallons									

PUMP DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
48	1310		

[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: <i>Trevor Burns / AECOM</i>				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLE TIME: <i>1359</i>		
PUMP OR TUBING DEPTH IN WELL (feet):				TUBING MATERIAL CODE: <i>T</i>			FIELD-FILTERED: Y ☒ FILTER SIZE: <i>—</i> µm Filtration Equipment Type: <i>—</i>		
FIELD DECONTAMINATION: PUMP ☒ 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-49	4	AG	40 mL	HCL	40 mL x 4	6.16	6200	ESP	6.132
MW-49	3	AG	40 mL	HCL	40 mL x 3	6.16	VPH	ESP	SAA
MW-49	1	PE	250 mL	HNO ₃	250 mL	6.11	Lead by 6010	ESP	SAA

REMARKS: 5006/min
- comment on pump depth, pulled pump up 2' to comply w/ sampling plan

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: 05/07/21	
WELL DIAMETER (inches): 4"		TUBING DIAMETER (inches): ID 3/8"		WELL SCREEN INTERVAL DEPTH: 22 feet to 52 feet		DEPTH TO WATER (feet): 33.44		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)								3 well volumes = 36.192 g	
= (52' feet - 33.44 feet) X 0.65" gallons/foot								= 12.064 gallons	
PUMP DEPTH IN WELL (feet): ~38'		PURGING INITIATED AT: 1000		PURGING ENDED AT: 1430		TOTAL VOLUME PURGED (gallons): 2.536			

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	--	--
1015	1.268	0.0845	34.04	15.9	0.26	154.0	6.53	-5.5	6.18	clear	Mild Benzene
1020	1.690	↓	34.12	15.9	0.18	154.2	6.52	-3.0	5.78	clear	↓
1025	2.113		34.26✓	16.4✓	0.13✓	155.1✓	6.53✓	0.5✓	7.25	clear	
1030	2.536	↓	34.28✓	16.6✓	0.11✓	155.6✓	6.52✓	4.3✓	7.13✓	clear	↓
TK3											

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: <i>Trevor Burns / AECOM</i>				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLE TIME: <i>1034</i>		
PUMP OR TUBING DEPTH IN WELL (feet): <i>~38'</i>				TUBING MATERIAL CODE: <i>T</i>			FIELD-FILTERED: Y ☒ FILTER SIZE: <i>—</i> µm Filtration Equipment Type: <i>—</i>		
FIELD DECONTAMINATION: PUMP ☒ TUBING Y ☒ <i>(N replaced)</i>				DUPLICATE: Y ☒ <i>(N)</i>					
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 VOLUME ADDED IN FIELD (mL)	FINAL pH			
<i>mw-52</i>	<i>4</i>	<i>AG</i>	<i>40 mL</i>	<i>HCL</i>	<i>40 mL x 4</i>	<i>6.52</i>	<i>6200</i>	<i>ESP</i>	<i>0.0845</i>
<i>↓</i>	<i>3</i>	<i>AG</i>	<i>40 mL</i>	<i>HCL</i>	<i>40 mL x 3</i>	<i>↓</i>	<i>VPH</i>	<i>↓</i>	<i>↓</i>
<i>↓</i>	<i>1</i>	<i>PE</i>	<i>250 mL</i>	<i>HNO₃</i>	<i>250 mL</i>	<i>↓</i>	<i>Lead by 6010</i>	<i>↓</i>	<i>↓</i>

REMARKS:

$$320 \text{ mL/min} = 0.32 \text{ L/min} = 0.0845351 \text{ gpm} = 0.42268 \text{ gpm}$$

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;
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-53		DATE: 5/6/21			
WELL DIAMETER (inches): 4"		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 40 feet to 60 feet		DEPTH TO WATER (feet): 25.20		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) = (60.0 feet - 25.20 feet) X 0.65 gallons/foot = 22.62 gallons											
PUMP DEPTH IN WELL (feet):		PURGING INITIATED AT:		PURGING ENDED AT:		TOTAL VOLUME PURGED (gallons):					
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	0.15	26.80	15.1	3.05	304.4	7.10	81.6	666	TAN	NONE
1140	1.5	0.15	28.23	15.5	0.80	304.0	6.60	83.8	293	TAN	NONE
1150	3.0	0.15	30.36	15.4	0.61	302.6	6.43	86.2	78.4	CLEAR	NONE
1200	4.5	0.15	31.32	15.5	0.59	299.3	6.41	81.1	62.3	CLEAR	NONE
1210	6.0	0.15	31.48	15.5	0.57	296.3	6.40	80.4	54.4	CLEAR	NONE
1220	7.5	0.15	31.57	15.5	0.57	295.1	6.40	80.3	53.6	CLEAR	NONE
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: COLEMAN MARCHIN				SAMPLER(S) SIGNATURE(S): 				SAMPLE TIME: 1220			
PUMP OR TUBING DEPTH IN WELL (feet): ~38'				TUBING MATERIAL CODE:		FIELD-FILTERED: Y (N) Filtration Equipment Type: -		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		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					
	4	AG	40 mL	HCL	40 mL x 4	6.40	6200		ESP		0.15
	3	AG	40 mL	HCL	40 mL x 3	6.40	VPH		ESP		0.15
	1	PE	250 mL	HNO3	250 mL	6.40	Lead by 6010		ESP		0.15
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; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)											

[illegible]

GROUNDWATER SAMPLING LOG											
SITE NAME: 2020-L1-2448 Incident		SITE LOCATION: Huntersville, NC		PROJECT NUMBER: 60639876		WELL NAME: MW-56		DATE: 5/5/21			
WELL DIAMETER (inches): 4		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 13 feet to 43 feet		DEPTH TO WATER (feet): 9.07		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) = (43.60 feet - 9.07 feet) X 0.65 gallons/foot = 22.5 X 3 = 67.3 gallons											
PUMP DEPTH IN WELL (feet): 20		PURGING INITIATED AT: 0850		PURGING ENDED AT: 0920		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	--	--
0850	0	0.1	9.50	15.0	9.50	166.2	6.44	206.2	2.09	Clear	NA
0855	0.5	0.1	9.60	15.1	9.47	166.7	6.41	208.1	0.74	Clear	NA
0900	1	0.1	9.66	15.1	9.44	164.9	6.39	218.7	0.79	Clear	NA
0905	1.5	0.1	9.61	15.4	9.25	165.9	6.37	231.2	0.85	Clear	NA
0910	2	0.1	9.61	15.2	9.23	164.4	6.37	233.9	0.80	Clear	NA
0915	2.5	0.1	9.61	15.3	9.23	164.4	6.37	234.9	0.87	Clear	NA
0920	3	0.1	9.61	15.3	9.21	164.3	6.37	235.1	0.84	Clear	NA
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: Erik Riegel 20 AFCom				SAMPLER(S) SIGNATURE(S): [Signature]				SAMPLE TIME: 0925			
PUMP OR TUBING DEPTH IN WELL (feet): 20				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-56	4	AG	40 mL	HCL	40 mL x 4	6.37	6200	ESP	O.1		
MW-56	3	AG	40 mL	HCL	40 mL x 3	6.37	VPH	ESP	O.1		
MW-56	1	PE	250 mL	HNO3	250 mL	6.37	Lead by 6010	ESP	O.1		
REMARKS: Dup-1-20210505											
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; RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)											

[illegible]

GROUNDWATER SAMPLING LOG											
SITE NAME: 2020-L1-2448 Incident		SITE LOCATION: Huntersville, NC		PROJECT NUMBER: 60639876		WELL NAME: MW-57A		DATE: 5-7-21			
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/8 x 1/2		WELL SCREEN INTERVAL DEPTH: 98 feet to 108 feet		DEPTH TO WATER (feet): 9.69		PUMP TYPE OR BAILER: Mega-Monsoon			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (108 feet - 9.69 feet) X 0.16 gallons/foot = 15.73 gallons											
PUMP DEPTH IN WELL (feet): 103		PURGING INITIATED AT: 1545		PURGING ENDED AT: 1615		TOTAL VOLUME PURGED (gallons): 4.0					
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	--	--
1545	0.0	0	9.69	14.9	0.60	291.3	8.04	88.8	<1000	white	-
1550	0.5	0.1	14.99	14.9	0.57	291.1	8.21	87.1	<1000	white	-
1555	2.0	0.1	17.09	14.9	0.50	290.9	8.25	79.8	923	white	-
1600	2.5	0.1	18.88	15.0	0.46	291.0	8.34	74.3	925	white	-
1605	3.0	0.1	19.32	15.0	0.44	291.3	8.39	71.0	821	white	-
1610	3.5	0.1	21.29	14.9	0.43	290.6	8.40	69.6	793	white	-
1615	4.0	0.1	23.78	15.1	0.40	290.6	8.43	67.4	786	white	-
1620	4.5	0.1	25.11								
1625	5.0	0.1	26.44								
1630	5.5	0.1	27.77								

ANALYSIS DATA									
SAMPLED BY (PRINT) / AFFILIATION: Jeff Hurd / AECOM				SAMPLER(S) SIGNATURE(S): Jeff Hurd			SAMPLE TIME: 1615		
PUMP OR TUBING DEPTH IN WELL (feet): 103				TUBING MATERIAL CODE: CD PE			FIELD-FILTERED: Y (N) Filtration Equipment Type: --		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	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-57D	4	AG	40 mL	HCL	40 mL x 4	8.43	6200	ESP	0.1
MW-57D	3	AG	40 mL	HCL	40 mL x 3	8.43	VPH	ESP	0.1
MW-57D	1	PE	250 mL	HNO ₃	250 mL	8.43	Lead by 6010	ESP	0.1
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; FRFP = 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-58
 DATE: 5/7/21
 WELL SCREEN INTERVAL DEPTH: 52.52 feet
 DEPTH TO WATER (feet): 27.82'
 PUMP TYPE OR BAILER: Monsoon XL
 WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
 (only fill out if applicable) 16.06 = (52.52 feet - 27.82 feet) X 0.65 gallons/foot = 16.06 gallons
 TOTAL VOLUME PURGED (gallons): 6.25

PUMP DEPTH IN WELL (feet): 35'
 PURGING INITIATED AT: 1325
 PURGING ENDED AT: 1410

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	--	--
1330	0.75	0.15	28.01	15.9	3.60	96.0	5.54	214.8	39.47	clear	none
1335	1.50	0.15	28.91	15.9	3.48	96.0	5.60	210.9	34.83		
1340	2.00	0.1	28.82	15.8	3.56	96.0	5.77	197.7	30.83		
1345	2.50	0.1	29.30	15.8	3.64	95.5	5.91	193.7	29.47		
1350	3.25	0.15	30.02	15.9	3.97	94.6	5.82	197.7	25.45		
1355	4.00	0.15	30.32	15.9	4.29	92.4	5.89	195.5	15.21		
1400	4.75	0.15	30.43	16.0	4.40	92.4	5.91	192.5	12.51		
1405	5.50	0.15	30.43	16.0	4.35	92.5	5.98	186.8	13.69		
1410	6.25	0.15	30.44	15.9	4.42	92.3	5.96	191.6	12.44		

MJK 5/7/21

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: Mike de Kozlowski/AECOM
 SAMPLER(S) SIGNATURE(S): Mike de Kozlowski
 SAMPLE TIME: 1420
 PUMP OR TUBING DEPTH IN WELL (feet): 35'
 TUBING MATERIAL CODE: LDPE
 FIELD-FILTERED: Y (N) FILTER SIZE: — µm
 Filtration Equipment Type: —
 FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N) (replaced)
 DUPLICATE: Y (N)
 SAMPLE CONTAINER SPECIFICATION

SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
MW-58	4	AG	40 mL	HCL	40 mL x 4	5.96	6200	ESP	0.15
	3	AG	40 mL	HCL	40 mL x 3		VPH		
	1	PE	250 mL	HNO ₃	250 mL		Lead by 6010		

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; RFPP = Reverse Flow Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible 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-59		DATE: 5/7/21	
WELL DIAMETER (inches): 4"		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 23.25 feet to 53.25 feet		DEPTH TO WATER (feet): 29.60		PUMP TYPE OR BAILER: Monsan XL	

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
15.37 = (53.25 feet - 29.60 feet) X 0.65 gallons/foot = 15.37 gallons

PUMP DEPTH IN WELL (feet): 35'	PURGING INITIATED AT: 1045	PURGING ENDED AT: 1130	TOTAL VOLUME PURGED (gallons): 5.00
--------------------------------	----------------------------	------------------------	-------------------------------------

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	--	--
1050	0.75	0.15	29.82	15.3	4.36	107.3	5.27	191.3	19.38	clear	none
1055	1.50	0.15	30.17	15.3	4.29	107.0	5.31	189.0	16.27		
1100	2.00	0.1	30.38	15.4	4.18	106.6	5.43	182.0	13.54		
1105	2.50	0.1	30.49	15.4	4.11	106.4	5.52	177.9	11.62		
1110	3.00	0.1	30.52	15.5	4.00	106.4	5.54	177.5	9.58		
1115	3.50	0.15	30.55	15.7	4.00	106.1	5.58	176.0	7.19		
1120	4.00	0.1	30.63	15.7	3.88	105.4	5.61	175.5	6.92		
1125	4.50	0.1	30.63	15.6	4.02	104.4	5.61	177.0	6.47		
1130	5.00	0.1	30.63	15.6	3.98	103.7	5.59	178.9			
MOK 5/7/21											

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: Mike de Kozlowski / AECOM				SAMPLER(S) SIGNATURE(S): Mike de Kozlowski				SAMPLE TIME: 1140	
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	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-59	4	AG	40 mL	HCL	40 mL x 4	5.59	6200	ESP	0.1
	3	AG	40 mL	HCL	40 mL x 3		VPH		
	1	PE	250 mL	HNO ₃	250 mL		Lead by 6010		

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; 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-62		DATE: 05.04.21			
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 25 feet to 35 feet		DEPTH TO WATER (feet): 35.70		PUMP TYPE OR BAILER: Bailing			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) 0.54 = (39 feet - 35.7 feet) X 0.163 gallons/foot = 0.54 gallons											
PUMP DEPTH IN WELL (feet): 30		PURGING INITIATED AT: 1255		PURGING ENDED AT: 1400		TOTAL VOLUME PURGED (gallons): 1.8					
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	--	--
1300	0	0.1	35.71	19.9	5.61	226.8	5.77	254.7	>1100	L. Brown	None
1305	0.5		35.71	20.2	5.49	227.3	5.94	203.5	>1100		
1310	1.0		35.72	20.2	5.56	226.8	6.06	184.5	>1100		
1315				Battery dead, switch to bailing							
1330	0.6			20.8	8.96	242.4	6.08	299.7	865.2	L. Brown	None
1345	1.2			21.1	7.11	251.6	6.11	265.1	715.9		
1400	1.8			21.2	6.27	234.9	6.11	240.1	662.0		
SAMPLING DATA											
SAMPLED BY (PRINT) / AFFILIATION: L. Tian / AECOM			SAMPLER(S) SIGNATURE(S): <i>Lut</i>				SAMPLE TIME: 1400				
PUMP OR TUBING DEPTH IN WELL (feet): 30			TUBING MATERIAL CODE: LDPE			FIELD-FILTERED: Y (N) Filtration Equipment Type: --			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	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-62	4	AG	40 mL	HCL	40 mL x 4		6200	B	0.1		
	3	AG	40 mL	HCL	40 mL x 3		VPH				
	1	PE	250 mL	HNO3	250 mL		Lead by 6010				
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)											

[illegible]

[illegible]

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident		SITE LOCATION: Huntersville, NC		PROJECT NUMBER: 60639876		WELL NAME: MW-65		DATE: 5/3/21	
WELL DIAMETER (inches): 2"		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 25 feet to 40 feet		DEPTH TO WATER (feet): 21.98'		PUMP TYPE OR BAILER: Monsoon XL	

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
 (only fill out if applicable) 2.88 = (40 feet - 21.98 feet) X 0.16 gallons/foot = 2.88 gallons

PUMP DEPTH IN WELL (feet): 30' PURGING INITIATED AT: 0845 PURGING ENDED AT: 0935 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	--	--
0850	0.5	0.1	22.17	17.7	5.99	119.6	5.47	202.1	427.1	cloudy tan	none
0855	1.0	0.1	22.16	17.9	5.13	121.2	5.59	198.7	234.3		
0900	1.5	0.1	22.16	18.1	5.29	121.8	5.71	194.3	202.7		
0905	2.0	0.1	22.15	18.2	5.23	122.1	5.75	194.8	179.2	cloudy	
0910	2.5	0.1	22.15	18.1	4.74	122.8	5.83	194.4	169.3		
0915	3.0	0.1	22.15	18.1	4.97	123.2	5.84	195.4	132.4		
0920	3.5	0.1	22.15	18.0	4.78	123.1	5.85	196.7	116.3		
0925	4.0	0.1	22.15	17.6	5.63	121.9	5.83	199.7	69.78		
0930	4.5	0.1	22.15	17.6	5.43	122.2	5.80	203.1	65.54		
0935	5.0	0.1	22.16	17.6	5.52	122.3	5.84	202.8	64.65		

MdK 5/3/21

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: Mike deKozlowski / AECOM				SAMPLER(S) SIGNATURE(S): Mike deKozlowski				SAMPLE TIME: 0945	
PUMP OR TUBING DEPTH IN WELL (feet): 30'				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-65	4	AG	40 mL	HCL	40 mL x 4	5.84	6200	ESP	0.1
	3	AG	40 mL	HCL	40 mL x 3		VPH		
	1	PE	250 mL	HNO ₃	250 mL		Lead by 6010		

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; RFPF = Reverse Flow Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible 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 65D		DATE: 5/7/21			
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/8 x 1/2		WELL SCREEN INTERVAL DEPTH: 145 feet to 180 feet		DEPTH TO WATER (feet): 21.91		PUMP TYPE OR BAILER: Mega-Mon soon Pa			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (180 feet - 21.91 feet) X 0.163 gallons/foot = 20.49 gallons											
PUMP DEPTH IN WELL (feet): 145		PURGING INITIATED AT: 1043		PURGING ENDED AT: 1135		TOTAL VOLUME PURGED (gallons): 8.25					
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 -- --											
1043	0.0	0.20	25.42	17.4	1.13	322.8	6.25	113.9	22.9	clear	—
1050	1.0	0.20	28.28	17.0	0.28	319.1	6.71	74.6	16.4	clear	—
1055	2.0	0.20	28.72	17.1	1.15	274	6.63	71.5	6.02	clear	—
1100	3.0	0.20	27.96	17.1	1.77	258.9	6.54	75.3	3.55	clear	—
1105	4.0	0.20	28.35	17.1	1.81	255.4	6.54	75.1	2.65	clear	—
1110	5.0	0.20	29.40	17.3	2.04	246.8	6.48	77.3	2.24	clear	—
1115	6.0	0.20	30.30	17.3	2.07	248.5	6.50	77.1	2.97	clear	—
1120	6.75	0.15	29.8	17.3	2.21	242.6	6.50	77.0	2.43	clear	—
1125	7.25	0.10	29.35	17.3	2.20	238.6	6.48	77.0	1.71	clear	—
1130	7.75	0.10	30.82	17.2	2.41	235.1	6.46	78.9	1.36	clear	—
1135	8.25	0.10	31.57	17.3	2.27	244.2	6.46	78.8	1.58	clear	—
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: Jeffrey T. Hurdick / AECOM				SAMPLER(S) SIGNATURE(S): J.T.H.				SAMPLE TIME: 1135			
PUMP OR TUBING DEPTH IN WELL (feet):				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		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			SAMPLE PUMP FLOW RATE (gal per minute)		
MW-65D	4	AG	40 mL	HCL	40 mL x 4	6.48	6200		ESP	0.10	
MW-65D	3	AG	40 mL	HCL	40 mL x 3	6.48	VPH		ESP	0.10	
MW-65D	1	PE	250 mL	HNO3	250 mL	6.48	Lead by 6010		ESP	0.10	
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; RFPP = Reverse Flow Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)											

[illegible]

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident		SITE LOCATION: Huntersville, NC		PROJECT NUMBER: 60639876		WELL NAME: MW-68		DATE: 05/04/2021	
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/4		WELL SCREEN INTERVAL DEPTH: 35 feet to 50 feet		DEPTH TO WATER (feet): 38.05		PUMP TYPE OR BAILER: Hanson	
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY									
(only fill out if applicable) = (feet - feet) X gallons/foot = gallons									

PUMP DEPTH IN WELL (feet): 45	PURGING INITIATED AT: 0850	PURGING ENDED AT: 0855	TOTAL VOLUME PURGED (gallons): 107.5
-------------------------------	----------------------------	------------------------	--------------------------------------

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	--	--
0850	0.00	0.1	38.21	18.4	5.34	189.7	6.28	234.4	649.3	C.B.	None
0855	0.5		38.27	18.3	6.07	204.3	6.28	245.4	507.4		
0900	1.0		38.27	18.6	5.96	208.4	6.29	249.0	427.7		
0905	1.5		38.26	18.7	5.71	211.5	6.29	255.4	544.8		
0910	2.0		38.27	18.8	5.63	213.6	6.29	256.8	302.4		
0915	2.5		38.28	18.9	6.06	218.2	6.29	262.7	262.7	C.W.	
0920	3.0		38.30	18.7	6.02	221.8	6.28	260.0	188.8		
0925	3.5		38.29	18.6	5.66	227.7	6.28	258.1	142.9		
0930	4.0		38.29	18.5	6.00	235.1	6.28	257.1	123.2		
0935	4.5		38.28	19.2	5.85	239.9	6.28	257.9	91.14	Clear	
0940	5.0		38.29	19.3	5.56	244.0	6.28	256.2	76.48		
0945	5.5		38.29	19.3	5.84	247.1	6.28	256.4	37.98		
0950	6.0		38.28	19.3	5.61	250.2	6.28	258.3	30.09		
0955	6.5		38.28	19.4	5.37	254.1	6.28	260.6	26.55		
1000	7.0		38.28	18.9	5.41	251.2	6.29	259.1	29.99		
1005	7.5		38.27	18.8	5.49	252.2	6.28	257.2	27.26		

ORP 260.4

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 / ARCOM				SAMPLER(S) SIGNATURE(S): [Signature]				SAMPLE TIME: 1010	
PUMP OR TUBING DEPTH IN WELL (feet): 45				TUBING MATERIAL CODE: LDPE				FIELD-FILTERED: Y (N) FILTER SIZE: — µm	
FIELD DECONTAMINATION: PUMP ☒ N				TUBING ☒ N (replaced)				DUPLICATE: Y ☒	
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			
MW-68	4	AG	40 mL	HCL	40 mL x 4	6.28			
↓	3	AG	40 mL	HCL	40 mL x 3	1			
↓	1	PE	250 mL	HNO ₃	250 mL				

REMARKS: C.B. = Cloudy Brown C.W. = Cloudy White turbidity not > 10 NTU but stable

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: 2020-1-2448 Incident		SITE LOCATION: Huntersville, NC		PROJECT NUMBER: 60639876		WELL NAME: MW-70		DATE: 5/4/21			
WELL DIAMETER (inches): 2"		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 33 feet to 48 feet		DEPTH TO WATER (feet): 35.41'		PUMP TYPE OR BAILER: Monsoon XL			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) 2.01 = (48.00 feet - 35.41 feet) X 0.16 gallons/foot = 2.01 gallons											
PUMP DEPTH IN WELL (feet): 40'		PURGING INITIATED AT: 0810		PURGING ENDED AT: 0855		TOTAL VOLUME PURGED (gallons): 6.75					
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	--	--
0815	0.75	0.15	35.78	18.1	4.25	184.6	6.42	178.7	334.9	cloudy	none
0820	1.50	0.15	35.82	18.1	4.29	182.2	6.42	178.4	245.7		
0825	2.25	0.15	35.89	18.0	4.47	182.9	6.41	181.0	202.6		
0830	3.00	0.15	35.91	18.1	4.29	183.3	6.40	183.3	168.8		
0835	3.75	0.15	35.92	18.3	4.40	181.6	6.45	181.0	152.0		
0840	4.50	0.15	35.92	18.5	4.88	179.3	6.46	181.2	135.6	clear	
0845	5.25	0.15	35.92	18.7	4.92	180.9	6.46	182.7	102.7		
0850	6.00	0.15		18.5	4.98	180.2	6.45	188.2	88.74		
0855	6.75	0.15		18.4	5.20	179.5	6.40	73.98 ^{NK} 188.3	73.98		
Mdk 5/4/21											
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: Mike deKozlowski / AECOM				SAMPLER(S) SIGNATURE(S): <i>Mike deKozlowski</i>				SAMPLE TIME: 0905			
PUMP OR TUBING DEPTH IN WELL (feet): 40'				TUBING MATERIAL CODE: LDPE				FIELD-FILTERED: Y (N) FILTER SIZE: -- µm Filtration Equipment Type: --			
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	SAMPLING EQUIPMENT CODE	SAMPLE FLOW RATE (gal per minute)		
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH					
MW-70	4	AG	40 mL	HCL	40 mL x 4	6.40	6200	ESP	0.15		
	3	AG	40 mL	HCL	40 mL x 3		VPH				
	1	PE	250 mL	HNO ₃	250 mL		Lead by 6010				
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)											

[illegible]

GROUNDWATER SAMPLING LOG												
SITE NAME: 2020-L1-2448 Incident			SITE LOCATION: Huntersville, NC			PROJECT NUMBER: 60639876			WELL NAME: MW-73		DATE: 05.04.21	
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 22 feet to 37 feet			DEPTH TO WATER (feet): 30.62		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) = (feet – feet) X gallons/foot = gallons												
PUMP DEPTH IN WELL (feet): 32			PURGING INITIATED AT: 0820			PURGING ENDED AT: 0930			TOTAL VOLUME PURGED (gallons): 3.25			
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	--	--	
0825	0	0.05	30.64	17.1	11.95	175.4	6.72	203.2	>1100	L. Brown	None	
0830	0.25		30.65	17.2	8.39	175.5	6.92	122.1	>1100			
0835	0.5		30.65	17.5	8.10	175.7	6.95	112.4	>1100			
0840	0.75		30.66	17.6	7.79	175.0	6.94	112.9	962.7			
0845	1.0			17.8	7.58	174.4	6.92	113.8	717.6			
0850	1.25			17.8	7.40	172.7	6.89	118.5	419.7			
0855	1.5			17.9	7.24	170.7	6.85	122.5	375.2			
0900	1.75			17.9	6.92	169.3	6.80	130.0	300.7			
0905	2.0			18.0	6.71	167.2	6.78	132.7	246.8			
0910	2.25			18.0	6.65	166.9	6.77	139.4	107.2			
0915	2.5			18.0	6.53	166.3	6.75	141.6	86.17			
0920	2.75			18.0	6.41	165.7	6.73	144.5	65.43			
0925	3.0			18.0	6.33	164.9	6.72	148.0	64.81			
0930	3.25			18.0	6.26	164.8	6.71	148.7	60.12			
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: L. Tian / AECOM				SAMPLER(S) SIGNATURE(S): <i>L. Tian</i>				SAMPLE TIME: 0930				
PUMP OR TUBING DEPTH IN WELL (feet): 32				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	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-73	4	AG	40 mL	HCL	40 mL x 4	6.71	6200	ESP	0.05			
	3	AG	40 mL	HCL	40 mL x 3		VPH					
	1	PE	250 mL	HNO ₃	250 mL		Lead by 6010					
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)												

SITE NAME: 2020-L1-2448 Incident		SITE LOCATION: Huntersville, NC		PROJECT NUMBER: 60639876		WELL NAME: MW-74		DATE: 5/3/21			
WELL DIAMETER (inches): 2"		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 18 feet to 33 feet		DEPTH TO WATER (feet): 19.63'		PUMP TYPE OR BAILER: Monsoon XL			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) 2.14 = (33 feet - 19.63 feet) X 0.16 gallons/foot = 2.14 gallons											
PUMP DEPTH IN WELL (feet): 25'		PURGING INITIATED AT: 1125			PURGING ENDED AT: 1155			TOTAL VOLUME PURGED (gallons): 4.00			
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	0.75	0.15	19.82	18.1	5.90	128.5	5.89	215.6	882.2	clear brown	none
1135	1.50	0.15	19.90	18.1	5.60	130.7	5.94	212.3	1018		
1140	2.25	0.15	19.91	18.4	5.30	132.9	6.06	205.2	466.4		
1145	3.00	0.15	19.91	18.5	5.06	137.6	6.17	198.8	457.8		
1150	3.50	0.1	19.92	18.5	5.17	138.1	6.15	200.1	497.2		
1155	4.00	0.1	19.92	18.5	5.09	139.0	6.15	200.8	462.3		
Mdk 5/3/21											
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: Mike de Kozlowski / AECOM				SAMPLER(S) SIGNATURE(S): M.L. de Kozlowski				SAMPLE TIME: 1210			
PUMP OR TUBING DEPTH IN WELL (feet): 25'				TUBING MATERIAL CODE: LDPE				FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: --			
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	ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)	
MW-74	4	AG	40 mL	HCL	40 mL x 4	6.15	6200		ESP	0.1	
	3	AG	40 mL	HCL	40 mL x 3		VPH				
	1	PE	250 mL	HNO ₃	250 mL		Lead by 6010				
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-75		DATE: 5/3/21				
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 31 feet to 46 feet		DEPTH TO WATER (feet): 37.64		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) = (46.00 feet - 37.64 feet) X 0.16 gallons/foot = 1.34 X 3 = 4.01 gallons												
PUMP DEPTH IN WELL (feet): 43		PURGING INITIATED AT: 1128		PURGING ENDED AT: 1220		TOTAL VOLUME PURGED (gallons): 4.5						
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	0.1	38.77	19.0	4.20	187.4	6.56	142.2	>1000	Cloudy	NA	
1135	0.5	0.1	38.78	19.3	3.92	194.7	6.61	144.6	>1000	Cloudy	NA	
1140	1	0.1	38.89	19.5	3.24	189.7	6.67	158.2	>1000	Cloudy	NA	
1145	1.5	0.1	38.92	20.3	2.97	190.3	6.56	161.6	>1000	Cloudy	NA	
1150	2	0.1	38.94	19.6	2.83	189.0	6.68	163.4	972.4	Cloudy	NA	
1155	2.5	0.1	38.71	19.7	2.36	190.3	6.45	150.6	811.9	Cloudy	NA	
1200	3	0.1	38.66	20.7	2.19	193.4	6.67	149.7	393.6	Cloudy	NA	
1205	3.5	0.1	38.56	20.5	1.98	190.3	6.69	150.4	257.3	Cloudy	NA	
1210	4	0.1	38.50	20.0	1.95	189.6	6.71	151.0	193.1	Cloudy	NA	
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: Erik Riegel / AFCom				SAMPLER(S) SIGNATURE(S): [Signature]				SAMPLE TIME: 1215				
PUMP OR TUBING DEPTH IN WELL (feet): 43				TUBING MATERIAL CODE: LDPE				FIELD-FILTERED: Y (N) FILTER SIZE: -- µm Filtration Equipment Type: --				
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		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-75	4	AG	40 mL	HCL	40 mL x 4	6.71	6200		ESP		0.1	
MW-75	3	AG	40 mL	HCL	40 mL x 3	6.71	VPH		ESP		0.1	
MW-75	1	PE	250 mL	HNO3	250 mL	6.71	Lead by 6010		ESP		0.1	
REMARKS: Full 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; 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-76		DATE: 05/09/2021	
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/8		WELL SCREEN INTERVAL DEPTH: 25 feet to 45 feet		DEPTH TO WATER (feet): 28.35		PUMP TYPE OR BAILER: <i>man</i>	

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet - feet) X gallons/foot = gallons

PUMP DEPTH IN WELL (feet): 35	PURGING INITIATED AT: 1115	PURGING ENDED AT: 1235	TOTAL VOLUME PURGED (gallons): 8.0
-------------------------------	----------------------------	------------------------	------------------------------------

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	--	--
1115	0.00	0.1	28.58	18.1	11.65	144.3	6.00	311.8	690.2	Brown	None
1120	0.5		28.55	18.4	6.49	146.3	6.00	313.0	714.6		
1125	1.0		28.50	18.8	6.34	148.6	6.00	316.1	518.9		
1130	1.5		28.50	18.9	6.24	149.0	5.99	316.9	543.4		
1135	2.0		28.50	18.8	6.37	148.9	5.98	317.6	312.5		
1140	2.5		28.49	18.3	6.84	147.2	5.97	317.4	401.4		
1145	3.0		28.49	18.2	6.79	146.9	5.97	316.8	362.5		
1150	3.5		28.50	18.4	7.01	147.5	5.99	309.5	292.5		
1155	4.0		28.50	18.4	6.64	147.3	5.98	307.0	260.7	Cloudy white	
1200	4.5		28.50	18.3	6.75	147.3	5.98	307.0	228.2		
1205	5.0		28.49	18.4	6.63	147.3	5.98	306.7	189.9		
1210	5.5		28.50	18.3	6.59	147.7	5.97	307.6	195.1		
1215	6.0		28.49	18.5	6.55	147.7	5.97	307.2	165.6		
1220	6.5		28.48	18.5	6.55	147.4	5.97	306.9	141.7		
1225	7.0		28.49	18.0	6.58	145.7	5.96	308.8	147.7		
1230	7.5		28.50	18.3	6.32	146.6	6.01	312.5	191.1		
1235	8.0		28.30	18.4	6.38	147.1	6.00	313.5	131.6		

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: <i>Andrew O'malia / AECOM</i>		SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>		SAMPLE TIME: 1240	
PUMP OR TUBING DEPTH IN WELL (feet): 35		TUBING MATERIAL CODE: LDPE		FIELD-FILTERED: Y ☒ FILTER SIZE: — µm	
FIELD DECONTAMINATION: PUMP ☒ N		TUBING Y ☒ N (replaced)		DUPLICATE: ☒ 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-76	4	AG	40 mL	HCL	40 mL x 4		6200	ESP	0.1
↓	3	AG	40 mL	HCL	40 mL x 3	↓	VPH	↓	↓
↓	1	PE	250 mL	HNO ₃	250 mL	↓	Lead by 6010	↓	↓

REMARKS: Dup-1-20210504 collected Turbidity not < 10 NTU but stable.

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-77		DATE: 5/4/21, 5/5/21			
WELL DIAMETER (inches): 2"		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL: 18.15 feet to 33.45 feet		DEPTH TO WATER (feet): 28.56		PUMP TYPE OR BAILER: Monsoon XL			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) 2.63 = (33.45 feet - 28.56 feet) X 0.16 gallons/foot = 2.63 gallons											
PUMP DEPTH IN WELL (feet): 34'		PURGING INITIATED AT: 5/4/21 1415		5/5/21 0830		PURGING ENDED AT: 0930		TOTAL VOLUME PURGED (gallons): 8.25			
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	--	--
1420	0.5	0.1	28.72	18.6	5.24	115.5	5.98	224.8	>1100	cloudy brown	none
1425	1.0	0.1	28.83	18.2	4.59	115.3	5.95	226.4	>1100		
1430	1.5	0.1	28.91	18.3	5.53	115.0	5.89	228.3	532.6		
1435											
0835	0.5	0.1		17.7	5.43	123.3	5.62	183.1	497.8	cloudy	none
0840	1.0	0.1		17.9	5.44	123.4	5.85	169.1	426.2		
0845	1.5	0.1		17.9	5.54	122.7	5.87	168.0	393.4		
0850	2.25	0.15		17.8	5.61	121.7	5.86	169.7	234.7		
0855	3.00	0.15		17.8	5.65	121.7	5.87	170.3	116.2	clear	
0900	3.75	0.15		17.9	5.63	122.5	5.90	170.6	94.42		
0905	4.50	0.15		18.0	5.40	123.0	5.96	169.1	53.22		
0910	5.25	0.15		18.1	5.53	122.1	5.97	169.1	36.54		
0915	6.00	0.15		18.2	5.64	120.8	5.97	171.1	22.38		
0920	6.75	0.15		18.2	5.50	121.3	5.98	171.6	12.80		
0925	7.50	0.15		18.3	5.63	121.4	5.99	171.4	11.63		
0930	8.25	0.15		18.3	5.58	121.3	5.99	171.5	12.21		
Mdk 5/5/21											
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: Mike, de Kozlowski / AECOM				SAMPLER(S) SIGNATURE(S): M. de Kozlowski				SAMPLE TIME: 0940			
PUMP OR TUBING DEPTH IN WELL (feet): 34'				TUBING MATERIAL CODE: LDPE				FIELD-FILTERED: Y (N) FILTER SIZE: -- µm Filtration Equipment Type: --			
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	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-77	4	AG	40 mL	HCL	40 mL x 4	5.99	6200	ESP	0.15		
	3	AG	40 mL	HCL	40 mL x 3		VPH				
	1	PE	250 mL	HNO3	250 mL		Lead by 6010				
REMARKS: Lightning stand down @ 1432 DTW 5/5/21 = 26.39' Setup again 5/5/21 5/5/21 = 2.98 1 Well Volume											
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-79D		DATE: 5/5/2021	
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/8		WELL SCREEN INTERVAL DEPTH: 144 feet to 154 feet		DEPTH TO WATER (feet): 41.6		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)
= (154 feet - 41.6 feet) X 0.163 gallons/foot = 18.32 gallons

PUMP DEPTH IN WELL (feet): 145	PURGING INITIATED AT: 0958	PURGING ENDED AT: 1328	TOTAL VOLUME PURGED (gallons): 17
--------------------------------	----------------------------	------------------------	-----------------------------------

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	--	--
0958	0	0.142	41.6	17.3	5.30	1698	12.00	-4.8	6.49	clear	none
1003	0.739		46.36	17.2	1.39	1632	11.99	-39.0	14.68		
1008	1.48		49.45	17.3	0.93	1643	12.05	-64.6	11.82		
1013	2.22		52.12	17.3	0.66	1649	12.06	-84.6	12.16		
1018	2.96		53.74	17.3	0.59	1632	12.06	-98.0	9.33		
1023	3.70		54.88	17.4	0.55	1549	12.04	-113.9	5.41		
1028	4.43		55.50	17.4	0.66	1441	12.01	-124.5	6.55		
1033	5.17		56.14	17.4	0.49	1333	11.97	-134.9	5.87		
1038	5.91		56.63	17.4	0.48	1162	11.90	-155.1	14.95		
1043	6.65		56.98	17.4	0.46	1055	11.83	-179.1	5.82		
1048	7.39		57.13	17.5	0.40	915	11.74	-209.4	5.83		
1053	8.13		56.85	17.6	0.46	779	11.64	-222.2	45.92		
1228	8.13		42.89	18.5	4.13	643	11.35	-129.6	7.47		
1233	8.87		50.42	17.3	0.55	397.2	11.02	-166.4	8.22		
1238	9.61		56.31	17.8	0.31	361.6	10.96	-172.4	6.12		
1243	10.35		61.83	17.4	0.28	445.4	11.22	-183.3	4.45		
1248	11.09		62.91	17.4	0.28	534	11.42	-188.4	7.33		
1253	11.83		63.64	17.5	0.25	481.5	11.31	-189.7	5.61		
1258	12.57		63.57	17.5	0.23	369.8	10.98	-184.0	3.79		
1303	13.30		63.71	17.5	0.23	304.0	10.60	-177.7	3.35		
1308	14.04		63.50	17.5	0.21	275.1	10.27	-173.2	4.29		
1313	14.78		63.50	17.5	0.20	252.1	10.07	-165.2	3.62		
1318	15.52		63.65	17.5	0.19	242.4	10.01	-166.3	4.07		
1323	16.26		63.80	17.6	0.18	239.1	9.98	-167.2	2.56		
1328	17		65.64	17.5	1.68	234.4	9.91	-145.0	3.67		

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: 1328	
PUMP OR TUBING DEPTH IN WELL (feet): 145				TUBING MATERIAL CODE: LDPE		FIELD-FILTERED: Y (N) Filtration Equipment Type: --		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-79D	4	AG	40 mL	HCL	40 mL x 4	9.91	6200	ESP	0.142
	3	AG	40 mL	HCL	40 mL x 3		VPH		
	1	PE	250 mL	HNO ₃	250 mL		Lead by 6010		

REMARKS:
Parameters not stable but MW purged for 2 hours

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-81		DATE: 05/05/21			
TUBING ID 3/8"		WELL SCREEN INTERVAL DEPTH: ? feet to ? feet		DEPTH TO WATER (feet): 29.43	
PUMP TYPE OR BAILER: MONSOON		WELL DIAMETER (inches): 2"		TUBING DIAMETER (inches):	
WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY 3" (3.6336)					

(only fill out if applicable)		= (37.00) feet - 29.43 (feet) x 0.16 gallons/foot		TOTAL VOLUME PURGED (gallons): 4.994	
PUMP DEPTH IN WELL (feet): ~35'	PURGING INITIATED AT: 1017	PURGING ENDED AT: 1102			
DEPTH	TIME	PH	TEMP	TURB	COLOR
ODOR					

PUMP DEPTH IN WELL (feet):			INITIATED AT:			ENDED AT:					
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	--	--
1037	1.664	0.111	29.82	18.2	3.09	276.3	6.36	127.7	40.90	Clear	None
1037	2.219	0.111	29.83	18.4	2.98	267.2	6.31	127.4	24.49	Clear	None
1042	2.774	0.111	29.82	18.4	3.02	260.0	6.28	128.2	14.44	Clear	None
1047	3.329	0.111	29.84	18.5	3.14	260.0	6.26	128.1	12.37	Clear	None
1052	3.884	0.111	29.84	18.5	3.13	255.0	6.26	128.6	9.53	Clear	None
1057	4.439	0.111	29.84	18.6	3.29	253.5	6.25	129.3	6.32	Clear	None
1102	4.994	0.111	29.85	18.6	3.32	251.4	6.24	130.1	4.48	Clear	None

sampled after 3 well volumes

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

SAMPLED BY (PRINT) / AFFILIATION: <i>Timor Burns / AECOM</i>				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLE TIME: <i>11/2</i>		
PUMP OR TUBING DEPTH IN WELL (feet): <i>~35</i>				TUBING MATERIAL CODE: <i>T</i>		FIELD-FILTERED: Y ☒ N ☐		FILTER SIZE: <i>--</i> μ m	
FIELD DECONTAMINATION: PUMP ☒ 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-81	4	AG	40 mL	HCL	40 mL x 4	6.24	6200	ESP	ϕ .111
MW-81	3	AG	40 mL	HCL	40 mL x 3	6.24	VPH	ESP	ϕ .111
MW-81	1	PE	250 mL	HNO ₃	250 mL	6.24	Lead by 6010	ESP	ϕ .111

MW-81	1	PE	250 mL	HNO ₃	250 mL	250 mL	250 mL
REMARKS:	420 mL/m = 0.42 L/m = 0.11095 gpm → 5 min = 0.5548 gal						

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene;
T = Teflon; O = Other (Specify)

MATERIAL CODES: AS = Amber; 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-82
 DATE: 05/05/21
 WELL DIAMETER (inches): 2"
 TUBING ID 3/8"
 TUBING DIAMETER (inches):
 WELL SCREEN INTERVAL DEPTH: ? feet to ? feet
 DEPTH TO WATER (feet): 31.17
 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) = (38.9) feet - 31.17 feet X 0.16 gallons/foot = 1.2384 gallons
 TOTAL VOLUME PURGED (gallons): 3.434

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	--	--
1240	1.036	0.06868	31.64	18.7	6.61	86.2	6.21	139.8	270.8	Very Cloudy	None
1245	1.3736	0.06868	31.76	18.6	6.69	87.6	6.19	129.7	199.4	Very Cloudy	None
1250	1.717	0.06868	31.77	18.3	6.86	88.9	6.19	125.4	105.3	Cloudy	None
1255	2.0604	0.06868	31.79	18.3	6.83	92.4	6.21	115.1	61.32	Cloudy	None
1300	2.4038	0.06868	31.83	18.2	6.80	93.7	6.22	112.0	22.83	Cloudy	None
1305	2.7472	0.06868	31.84	18.4	6.86	94.7	6.23	112.7	8.46	Clear	None
1310	3.0906	0.06868	31.82	18.4	6.68	95.7	6.23	111.8	6.73	Clear	None
1315	3.434	0.06868	31.81	18.3	6.52	96.6	6.21	112.3	4.61	Clear	None
1320	3.777	0.06868	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): [Signature]
 SAMPLE TIME: 1315
 PUMP OR TUBING DEPTH IN WELL (feet): ~36'
 TUBING MATERIAL CODE: T
 FIELD-FILTERED: Y (N) FILTER SIZE: -- µm
 Filtration Equipment Type: --
 FIELD DECONTAMINATION: PUMP (Y) N (replaced)
 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-82	4	AG	40 mL	HCL	40 mL x 4	6.21	6200	ESP	0.06868
MW-82	3	AG	40 mL	HCL	40 mL x 3	6.21	VPH	ESP	0.06868
MW-82	1	PE	250 mL	HNO ₃	250 mL	6.21	Lead by 6010	ESP	0.06868

REMARKS: 260 mL/m = 0.26 L/m = 0.06868 gpm = 0.3434 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; RFPF = Reverse Flow Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible 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-83
 DATE: 5/5/2021
 WELL DEPTH: 30.24 feet
 TUBING DIAMETER (inches): 3/8
 WELL SCREEN INTERVAL DEPTH: 44 feet
 PUMP TYPE OR BAILER: Man 500A
 WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
 (only fill out if applicable) = () feet X gallons/foot = gallons
 PURGING ENDED AT: 1205
 TOTAL VOLUME PURGED (gallons): 60

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:			drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1105	0.00	0.1	30.44	21.0	8.27	248.7	6.55	300.6	711.00	Brown	None
1110	0.5		30.44	21.6	7.45	211.2	6.58	291.4	711.00		
1115	1.0		30.44	21.7	7.12	214.5	6.59	285.6	711.00		
1120	1.5		30.45	22.0	6.83	215.2	6.58	280.0	711.00		
1125	2.0		30.47	21.5	6.22	173.2	6.40	277.1	494.5		
1130	2.5		30.46	20.3	6.31	164.6	6.37	276.8	394.1		
1135	3.0		30.47	20.7	5.84	153.1	6.32	277.2	304.6		
1140	3.5		30.46	20.8	5.79	148.7	6.29	279.8	286.0		
1145	4.0		30.46	21.4	5.55	144.7	6.27	281.7	271.2		
1150	4.5		30.46	21.6	5.79	141.4	6.29	284.3	232.1		
1155	5.0		30.47	21.6	3.67	141.3	6.24	287.1	201.1		
1200	5.5		30.46	21.4	3.96	138.9	6.22	286.2	191.4		
1205	6.0		30.46	21.6	3.86	138.2	6.22	286.6	196.2		

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 Malia / AESCM
 SAMPLER(S) SIGNATURE(S): [Signature]
 SAMPLE TIME: 1210
 PUMP OR TUBING DEPTH IN WELL (feet): 36
 TUBING MATERIAL CODE: LDPE
 FIELD-FILTERED: Y (N)
 FILTER SIZE: -- µm
 FIELD DECONTAMINATION: PUMP Y N
 TUBING Y N (replaced)
 DUPLICATE: Y
 SAMPLE CONTAINER SPECIFICATION:

SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
MW-83	4	AG	40 mL	HCL	40 mL x 4		6200	ESP	0.1
1	3	AG	40 mL	HCL	40 mL x 3	1	VPH	1	1
	1	PE	250 mL	HNO ₃	250 mL		Lead by 6010		

REMARKS: Turbidity red 2 to 10 but stable = 200
 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; RFP = Reverse Flow Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible 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-89
 DATE: 5/5/2021
 TUBING DIAMETER (inches): 3/4
 WELL SCREEN INTERVAL DEPTH: feet to feet
 DEPTH TO WATER (feet): 28.18
 PUMP TYPE OR BAILER: Bailer

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
 (only fill out if applicable)
 = (35.39 feet - 28.18 feet) X 0.37 gallons/foot = 2.67 gallons

PUMP DEPTH IN WELL (feet): n/a
 PURGING INITIATED AT: 1350
 PURGING ENDED AT: 1410
 TOTAL VOLUME PURGED (gallons): 8.94

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	--	--
1400	2.66			21.1	4.35	392.6	6.41	112.3	71.00	brown	N/A
1405	5.32			21.1	3.00	342.1	6.54	153.7	71.00	1	1
1410	7.98			21.6	3.20	386.1	6.61	144.8	71.00		

AE

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 / AE.com

SAMPLER(S) SIGNATURE(S):

AE

SAMPLE TIME:

1415

PUMP OR TUBING

DEPTH IN WELL (feet):

n/a

TUBING

MATERIAL CODE:

AE bailer

FIELD-FILTERED: Y (N)

FILTER SIZE: -- µm

Filtration Equipment Type: --

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

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	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
mw-89	4	AG	40 mL	HCL	40 mL x 4	6.61	6200	B	
1	3	AG	40 mL	HCL	40 mL x 3	1	VPH	1	
	1	PE	250 mL	HNO ₃	250 mL		Lead by 6010		

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; RFPF = Reverse Flow Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible 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-86		DATE: 05.04.21															
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: ? feet to 46.7 feet		DEPTH TO WATER (feet): 28.92		PUMP TYPE OR BAILER: Bailer															
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) 2.89 = (46.7 feet - 28.92 feet) X 0.163 gallons/foot = 2.89 gallons																							
PUMP DEPTH IN WELL (feet): 40		PURGING INITIATED AT: 1010		PURGING ENDED AT: 1130		TOTAL VOLUME PURGED (gallons): 9																	
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	--	--												
1015	0	0.05	28.95	16.7	3.74	200.5	6.15	284.3	>1100	L.Brown	None												
1020	0.25		28.97	17.1	2.97	201.9	6.16	279.3	>1100														
1025	0.5		28.98	16.9	4.63	186.2	6.04	268.9	871.6														
1030				Battery dead, switch to bailing																			
1100	3		29.15	17.4	8.67	196.1	6.11	296.4	>1100	L.Brown	None												
1115	6		29.27	17.7	6.71	181.7	6.12	266.1	972.1														
1130	9		29.42	17.9	3.21	166.7	6.12	265.2	1021														
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: L.Tian / AECOM			SAMPLER(S) SIGNATURE(S): 				SAMPLE TIME: 1130																
PUMP OR TUBING DEPTH IN WELL (feet): Bailing			TUBING MATERIAL CODE: LDPE			FIELD-FILTERED: Y (N) Filtration Equipment Type: --			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	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-86	4	AG	40 mL	HCL	40 mL x 4	6.12	6200	B	0.05														
	3	AG	40 mL	HCL	40 mL x 3		VPH																
	1	PE	250 mL	HNO3	250 mL		Lead by 6010																
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-87		DATE: 05/06/21	
WELL DIAMETER (inches): 4" 2 1/2"		TUBING ID 3/8" DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 7 feet to 7 feet		DEPTH TO WATER (feet): 45.06		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)

$$= (58.60 \text{ feet} - 45.06 \text{ feet}) \times 0.65 \text{ gallons/foot} = 8.301 \text{ gallons}$$

PUMP DEPTH IN WELL (feet): ~50.0'	PURGING INITIATED AT: 1335	PURGING ENDED AT: 1450	TOTAL VOLUME PURGED (gallons): 9.0004
-----------------------------------	----------------------------	------------------------	---------------------------------------

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	--	--
1350	1.823	0.1215	46.61	17.4	1.04	337.4	7.11	-40.4	104.2	Cloudy	None
1355	2.4985	0.1215	46.60	17.5	1.09	334.8	7.08	-52.3	148.0	Cloudy	None
1400	3.1749	0.1215	46.57	17.7	1.11	331.8	7.08	-59.6	133.4	Cloudy	None
1405	3.8509	0.1215	46.56	17.7	1.24	328.5	7.06	-62.7	112.1	Cloudy	None
1410	4.5268	0.1215	46.57	17.6	1.27	326.3	7.06	-62.7	116.8	Cloudy	None
1415	5.2028	0.1215	46.56	17.7	1.32	321.6	7.04	-61.1	120.3	Cloudy	None
1420	5.8774	0.1215	46.56	17.7	1.38	320.4	7.04	-58.2	79.68	Cloudy	None
1425	5.9319	0.1215	46.57	17.7	1.44	318.9	7.04	-54.0	77.44	Cloudy	None
1430	6.2965	0.1215	46.56	17.7	1.50	316.7	7.02	-51.1	70.35	Cloudy	None
1435	6.9723	0.1215	46.57	17.7	1.60	315.1	7.02	-47.0	78.67	Cloudy	None
1440	7.6484	0.1215	46.57	17.7	1.66	313.4	7.01	-43.1	71.76	Cloudy	None
1445	8.3244	0.1215	46.57	17.9	1.71	313.2	7.01	-39.3	47.98	Cloudy	None
1450	9.0004	0.1215	46.56	17.9	1.77	311.5	7.00	-36.2	55.37	Cloudy	None
TKB											

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): ~50'		TUBING MATERIAL CODE: T		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	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-87	4	AG	40 mL	HCL	40 mL x 4	7.00	6200	ESP	0.1215
↓	3	AG	40 mL	HCL	40 mL x 3	7.00	VPH	↓	
↓	1	PE	250 mL	HNO ₃	250 mL	7.00	Lead by 6010	↓	

REMARKS: 460ml/min = 0.1215/9 gpm = 0.67545 gpm
 15 min purge = 1.823 gal (WLS from TOC; - 3.04' for Above based sfc. - sampled after 3 well volumes)
 - Unknown screen interval, set pump 5' below water level

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-88		DATE: 05/06/21	
WELL DIAMETER (inches): 2"		TUBING DIAMETER (inches): ID 3/8"		WELL SCREEN INTERVAL DEPTH: 43 feet to 63 feet		DEPTH TO WATER (feet): 42.90		PUMP TYPE OR BAILER: Monsoon	

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY 3 well volumes = 9.648 (only fill out if applicable)
 Tagged btm. 6.40 = 63' feet - 42.90 feet X 0.16 gallons/foot = 3.216 gallons

PUMP DEPTH IN WELL (feet): ~ 55'	PURGING INITIATED AT: 1410	PURGING ENDED AT: 1150	TOTAL VOLUME PURGED (gallons): 60.04
----------------------------------	----------------------------	------------------------	--------------------------------------

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	--	--
1025	1.506	0.1004	44.03	17.2	5.98	161.0	6.38	133.4	324.2	Cloudy	None
1030	2.008	0.1004	43.96	17.5	6.12	161.9	6.38	133.2	456.0	Cloudy	None
1035	2.5098	0.1004	44.01	17.4	5.98	162.7	6.38	134.5	547.0	Cloudy	None
1040	3.012	0.1004	43.96	17.4	5.94	162.9	6.39	140.2	390.9	Cloudy	None
1045	3.514	0.1004	43.93	17.5	5.91	163.7	6.39	141.2	292.5	Cloudy	None
1050	4.016	0.1004	42.93	17.5	5.96	164.2	6.39	140.7	183.4	Cloudy	None
1055	4.518	0.1004	43.93	17.5	5.93	164.7	6.39	139.0	114.4	Cloudy	None
1100	5.020	0.1004	43.93	17.5	5.88	165.5	6.40	136.5	78.37	Slightly Cloudy	None
1105	5.522	0.1004	43.93	17.6	5.85	165.2	6.40	133.5	60.41	Slightly Cloudy	None
1110	6.024	0.1004	43.93	17.6	5.70	165.3	6.40	132.4	57.34	Slightly Cloudy	None
1115	6.526	0.1004	43.93	17.6	5.75	165.6	6.40	131.6	39.31	Clear	None
1120	7.028	0.1004	43.93	17.6	5.76	165.3	6.40	131.7	32.67	Clear	None
1125	7.530	0.1004	43.93	17.6	5.72	165.7	6.40	133.2	28.59	Clear	None
1130	8.0319	0.1004	43.93	17.7	5.73	166.0	6.40	134.1	20.22	Clear	None
1135	8.534	0.1004	43.90	17.7	5.65	166.2	6.41	134.1	20.34	Clear	None
1140	9.034	0.1004	43.84	17.6	5.65	166.3	6.41	134.1	20.56	Clear	None
1145	9.538	0.1004	43.89	17.7	5.49	166.6	6.41	134.9	13.01	Clear	None
1150	10.040	0.1004	43.92	17.8	5.62	166.8	6.41	135.5	12.28	Clear	None
TR-8											

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): [Signature]		SAMPLE TIME: 1150	
PUMP OR TUBING DEPTH IN WELL (feet): ~ 55'		TUBING MATERIAL CODE: T		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	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-88	4	AG	40 mL	HCL	40 mL x 4	6.41	6200	ESP	0.1004
↓	3	AG	40 mL	HCL	40 mL x 3	6.41	VPH	↓	↓
↓	1	PE	250 mL	HNO ₃	250 mL	6.41	Lead by 6010	↓	↓

REMARKS: 380 mL/min = 0.100385 gpm = 0.501925 gp5m 15 min purge = 1.506 gal
 Refer to Daily Notes about comments (Sampled after 3 well volumes)

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; RFPF = Reverse Flow Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

GROUNDWATER SAMPLING LOG

2020-L1-2448 Incident

SITE LOCATION: Huntersville, NC

PROJECT NUMBER: 60639876

WELL NAME: MW-89

DATE: 05/06/21

TER (inches): 24

TUBING DIAMETER (inches): 10 3/8"

WELL SCREEN INTERVAL DEPTH: 33.8 feet to 53.8 feet

DEPTH TO WATER (feet): 45.12

PUMP TYPE OR BAILER: Monsoon

3 well volumes = 4,166 gal

VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY

PURGING ENDED AT: 45.12 feet X 0.16 gallons/foot = 7.2192 gallons

TOTAL VOLUME PURGED (gallons): 6.2965

DEPTH IN WELL ~50'

PURGING INITIATED AT: 0845

ME	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)
			<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	--	--
00	1.823	0.1215	46.37	16.8	5.94	235.4	6.96	114.7	573.5	Cloudy	None
05	1.9445		46.39	16.8	5.82	229.3	6.86	97.3	551.4	Cloudy	None
10	3.1749		46.47	16.8	5.74	222.3	6.82	83.5	177.1	Cloudy	None
15	3.8509		46.55	16.8	5.69	214.6	6.78	73.9	71.45	cloudy	None
20	4.5268		46.70	16.7	5.67	212.0	6.78	68.1	41.73	clear	None
25	5.2428		46.74	17.1	5.59	208.6	6.72	56.3	34.65	clear	None
30	5.9674		46.79	16.9	5.62	207.5	6.72	56.6	27.88	clear	None
35	5.9319		46.90	16.8	5.61	207.0	6.72	57.2	40.08	clear	None
40	6.2965		46.83	16.8	5.61	204.2	6.71	56.8	39.45	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):

SAMPLE TIME: 0934

FILTER SIZE: -- µm

PUMP OR TUBING DEPTH IN WELL (feet): ~50'

TUBING MATERIAL CODE: Y (replaced)

FIELD-FILTERED: Y (N) Filtration Equipment Type: --

FIELD DECONTAMINATION: PUMP (N)

SAMPLE PRESERVATION (including wet ice)

DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION

PRESERVATIVE USED: HCL, HCL, HNO3

INTENDED ANALYSIS AND/OR METHOD: 6200, VPH

SAMPLING EQUIPMENT CODE: ESP, ESP, ESP

SAMPLE PUMP FLOW RATE (gal per minute): 0.1215, 0.1215, 0.1215

SAMPLE ID CODE: MW-89, MW-89, MW-89

TOTAL VOL ADDED IN FIELD (mL): 40 mL x 4, 40 mL x 3, 250 mL

FINAL pH: 6.71

REMARKS: 460 mL/min = 0.121519 gpm = 0.67595 gpm 15 min purge = 1.823 gal

Sampled after 3 well volumes

MATERIAL CODES: AG = Amber Glass; S = Silicone; T = Teflon; CG = Clear Glass; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; RFPF = Reverse Flow Peristaltic Pump; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; ESP = Electric Submersible Pump; O = Other (Specify)

B = Bailer; BP = Bladder Pump; SM = Straw Method (Tubing Gravity Drain);

APPENDIX D

WATER SUPPLY WELL ABANDONMENT RECORDS

WELL ABANDONMENT RECORD

1. Well Contractor Information:

Virgil Wilson

Well Contractor Name (or well owner personally abandoning well on his/her property)

4473

NC Well Contractor Certification Number

Parratt-Wolff, Inc

Company Name

2. Well Construction Permit #:

List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.) if known

3. Well use (check well use):

Water Supply Well:

- | | |
|--|---|
| ☐ Agricultural | ☐ Municipal/Public |
| ☐ Geothermal (Heating/Cooling Supply) | ☒ Residential Water Supply (single) |
| ☐ Industrial/Commercial | ☐ Residential Water Supply (shared) |
| ☐ Irrigation | |

Non-Water Supply Well:

- | | |
|-------------------------------------|-----------------------------------|
| ☐ Monitoring | ☐ Recovery |
|-------------------------------------|-----------------------------------|

Injection Well:

- | | |
|--|---|
| ☐ Aquifer Recharge | ☐ Groundwater Remediation |
| ☐ Aquifer Storage and Recovery | ☐ Salinity Barrier |
| ☐ Aquifer Test | ☐ Stormwater Drainage |
| ☐ Experimental Technology | ☐ Subsidence Control |
| ☐ Geothermal (Closed Loop) | ☐ Tracer |
| ☐ Geothermal (Heating/Cooling Return) | ☐ Other (explain under 7g) |

4. Date well(s) abandoned: May 21, 2021

5a. Well location:

Jeffrey Wilson Brown

Facility/Owner Name

Facility ID# (if applicable)

14226 Huntersville-Concord Road

Physical Address, City, and Zip

Mecklenburg

02104101

County

Parcel Identification No. (PIN)

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

35.41325 N -80.80352 W

CONSTRUCTION DETAILS OF WELL(S) BEING ABANDONED

Attach well construction record(s) if available. For multiple injection or non-water supply wells ONLY with the same construction abandonment, you can submit one form.

6a. Well ID#: _____

6b. Total well depth: 39.35 (ft.)

6c. Borehole diameter: 2.0 (in.)

6d. Water level below ground surface: 0 (ft.)

6e. Outer casing length (if known): _____ (ft.)

6f. Inner casing/tubing length (if known): _____ (ft.)

6g. Screen length (if known): _____ (ft.)

For Internal Use ONLY:

WELL ABANDONMENT DETAILS

7a. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same well construction/depth, only 1 GW-30 is needed. Indicate TOTAL NUMBER of wells abandoned: _____

7b. Approximate volume of water remaining in well(s): 0 (gal.)

FOR WATER SUPPLY WELLS ONLY:

7c. Type of disinfectant used: calcium hypochlorite

7d. Amount of disinfectant used: 1 oz.

7e. Sealing materials used (check all that apply):

- | | |
|---|---|
| ☒ Neat Cement Grout | ☐ Bentonite Chips or Pellets |
| ☐ Sand Cement Grout | ☐ Dry Clay |
| ☐ Concrete Grout | ☐ Drill Cuttings |
| ☐ Specialty Grout | ☐ Gravel |
| ☐ Bentonite Slurry | ☐ Other (explain under 7g) |

7f. For each material selected above, provide amount of materials used:

10 gallons

7g. Provide a brief description of the abandonment procedure:

Tremie grouted to the surface and topped off with bentonite chips.

8. Certification:

Virgil Wilson

Signature of Certified Well Contractor or Well Owner

May 21, 2021

Date

By signing this form, I hereby certify that the well(s) was (were) abandoned in accordance with 15A NCAC 02C .0100 or 2C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

9. Site diagram or additional well details:

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

SUBMITTAL INSTRUCTIONS

10a. **For All Wells:** Submit this form within 30 days of completion of well abandonment to the following:

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

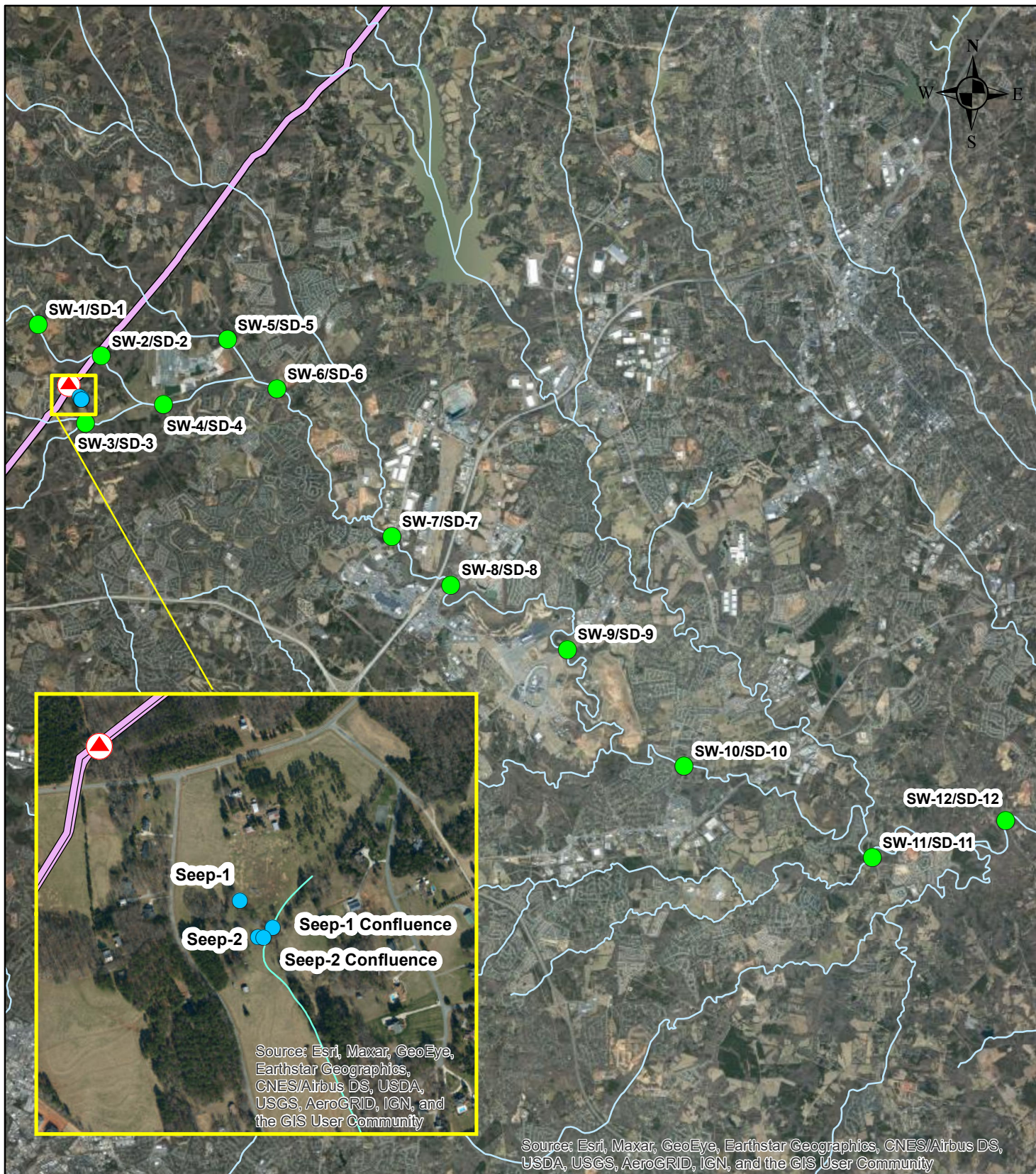
10b. **For Injection Wells:** In addition to sending the form to the address in 10a above, also submit one copy of this form within 30 days of completion of well abandonment to the following:

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

10c. **For Water Supply & Injection Wells:** In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well abandonment to the county health department of the county where abandoned.

APPENDIX E

SURFACE WATER SAMPLING INFORMATION



**Surface Water/Sediment
Sampling Locations**

- Legend**
- SW/SD Sampling Location
 - SW Sampling Location
 - USA Detailed Streams
 - Colonial Pipeline
 - ▲ Approximate Leak Site

*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	
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

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	
		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	

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	
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	

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	
		5/5/2021	<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	
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	

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	
		5/5/2021	<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	

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	<2	<2	<1	<1	
		5/5/2021	<80	<1	6.7	<1	<2	<1	<1	
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	
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	
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	

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	
		5/5/2021	<80	<1	<1	<1	<2	<1	<1	

	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	
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	

Note:

(1) Last update: 03/30/2021

Red Text: Malfunction in equipment or misrecorded 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
		5/20/2021	21.10	7.7	184.4	0.194	13.04	6.52	

Note:

(1) Last update: 03/30/2021

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	
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	

Note:

(1) Last update: 03/30/2021

Red Text: Malfunction in equipment or misrecorded 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:

(1) Last update: 03/30/2021

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	
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	

Note:

(1) Last update: 03/30/2021

Red Text: Malfunction in equipment or misrecorded 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:

(1) Last update: 03/30/2021

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	
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	

Note:

(1) Last update: 03/30/2021

Red Text: Malfunction in equipment or misrecorded 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-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	
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	
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	
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	

Note:

(1) Last update: 03/30/2021

Red Text: Malfunction in equipment or misrecorded 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
		5/20/2021	26.1	7.2	75.1	0.286	8.89	13.3	
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	
x	Rainfall event (Rain > 1"/24h)								

Note:

(1) Last update: 03/30/2021

Red Text: Malfunction in equipment or missrecorded value

ORWQM: Outside the Range of the Water Quality Meter (over 1000 NTU)

APPENDIX F

COPIES OF BILLS OF LANDING AND WASTE MANIFESTS

Table 1
Summary of Liquids and Soil Removed from Site
(August 15, 2020 - April 30, 2021)

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

Description	Volume on Bills of Lading (Gallons)	Volume from Frac Gauging (Gallons)
From Initial Response	--	90,930
Frac Tank Gauging Product Through 04/30/21	--	987,722
Frac Tank Gauging PCW Through 04/30/21	--	1,355,418
Total Fluids Shipped to STAT Facility for Bulking Through 04/30/21	1,251,111	--
PCW Shipped by Legacy to HCC Through 04/30/21	274,978	--
PCW Shipped by Legacy to Legacy Through 04/30/21	526,737	--
PCW Shipped by MEI to MEI Through 04/30/21	370,967	
PCW Shipped by MEI to HCC Through 04/30/21	20,922	
PCW Shipped by Covanta to Covanta Through 04/30/21	101,352	
Combined Total Liquids Removed Through 04/30/21 vs. Gauging	2,546,067	2,434,070
PCW Shipped to Aaron Oil Through 04/30/21 ⁽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 - April 30, 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 - April 30, 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 - April 30, 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 - April 30, 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 - April 30, 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 - April 30, 2021)

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

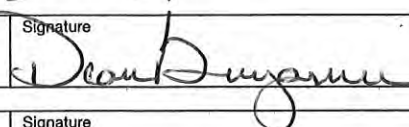
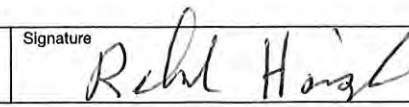
Date	Gallons	Bill of Lading No.	Bill of Lading Previously Provided
3/9/2021	5,687	9072	X
3/10/2021	5,932	9071	X
3/12/2021	5,932	9070	X
3/13/2021	6,048	9069	X
3/15/2021	6,048	9068	X
3/16/2021	6,048	9066	X
3/16/2021	5,400	9067	X
3/17/2021	5,700	9079	X
3/18/2021	5,998	9100	X
3/19/2021	5,998	9098	X
3/19/2021	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	
4/2/2021	5,921	9084	
4/3/2021	5,150	9083	
4/5/2021	6,166	9082	
4/5/2021	5,500	9081	
4/6/2021	6,000	9080	
4/8/2021	6,107	801	
4/9/2021	6,048	822	
4/12/2021	6,048	820	
4/13/2021	5,267	819	
4/14/2021	5,971	818	
4/15/2021	5,700	816	
4/16/2021	6,048	815	
4/19/2021	5,971	814	

Table 2
Summary of Liquids Removed by STAT
(August 15, 2020 - April 30, 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	
4/21/2021	6,019	812	
4/22/2021	6,220	811	
4/23/2021	6,166	810	
4/24/2021	6,019	809	
4/26/2021	6,019	808	
4/27/2021	6,166	807	
4/28/2021	5,767	806	
Total	1,251,111		

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09085			
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 # (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	14. Unit Wt/Vol
				No.	Type		
	a. UN1993 Flammable Liquid NOS			01	TI	EST 5921	G
	b. (contains less than 10% gas/liquid) GIII						
	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 4 1 21	
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name Dean Bumgarner				Signature 		Date Month Day Year 4 1 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 Richard Hargler				Signature 		Date Month Day Year 04 01 21	

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09084	
3. Shipper Name & Address <i>CPL 14108 Huntersville Concord RD Huntersville NC 28078</i>		4. Shipper's Phone <i>1 800 627 1451</i>			
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. <i>UN1993 Flammable Liquids NOS (contains less than 10% gas/water) PG III</i>		<i>01</i>	<i>TT</i>	<i>EST 5921</i>
	b.				
	c.				
	d.				
G. Additional Descriptions for Materials Listed Above					
USE DOT GUIDE # <i>128</i>					
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 <i>Adam Harris</i>		Signature <i>Adam Harris</i>		Date Month Day Year <i>4 2 21</i>	
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name <i>DEAN BUNGER</i>		Signature <i>Dean Bunger</i>		Date Month Day Year <i>4 2 21</i>	
18. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month Day Year	
19. Discrepancy Indication Space					
20. Consignee					
Printed/Typed Name <i>Richard Haigler</i>		Signature <i>Richard Haigler</i>		Date Month Day Year <i>04 02 21</i>	

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09083			
3. Shipper Name & Address CPL 14108 Huntersville Concord Rd Huntersville NC 28078				4. Shipper's Phone 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	14. Unit Wt/Vol
				No.	Type		
	a. UNPA3 Flammable Liquid NOS			01	TI	EST 5150	CL
	b. (contains less than 10% gas/water) PG III						
	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 [Signature]				Signature [Signature]		Date Month Day Year 4 3 21	
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name DEAN BUNGARNEE				Signature [Signature]		Date Month Day Year 4 3 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 Allison Wike		Date Month Day Year 4 3 21	

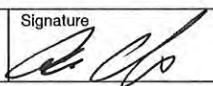
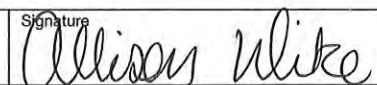
BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09082	
3. Shipper Name & Address <i>CPL 14108 Huntersville Concord RD Huntersville NC 28078</i>		4. Shipper's Phone <i>1-800 627 1451</i>			
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 <i>X</i>	11. Base Description		12. Containers		13. Total Quantity
			No.	Type	
	a. <i>UN1993 Flammable Liquid NOS (contains less than 10% gasoline) PG III</i>		<i>01</i>	<i>TT</i>	<i>EST 440</i>
	b.				
	c.				
	d.				
G. Additional Descriptions for Materials Listed Above					
USE DOT GUIDE # <u> <i>128</i> </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		Signature		Date	
<i>Adam Harris</i>		<i>[Signature]</i>		Month	Day Year
				<i>4</i>	<i>5 21</i>
17. Carrier Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Date	
<i>DEAN BUNGARNER</i>		<i>[Signature]</i>		Month	Day Year
				<i>4</i>	<i>5 21</i>
18. Carrier Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Date	
				Month	Day Year
19. Discrepancy Indication Space					
20. Consignee					
Printed/Typed Name		Signature		Date	
<i>Allison Wike</i>		<i>[Signature]</i>		Month	Day Year
				<i>4</i>	<i>5 21</i>

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09081	
3. Shipper Name & Address <i>CPL 14108 Huntersville Concord RD Huntersville NC 28078</i>		4. Shipper's Phone <i>1800 627 1451</i>			
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. <i>UN1993 Flammable Liquid NOS (contains less than 10% gasoline) PG III</i>		<i>01</i>	<i>TI</i>	<i>EST 5500</i>
	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		Signature		Date	
<i>Adam Harris</i>		<i>[Signature]</i>		Month Day Year <i>4 5 21</i>	
17. Carrier Acknowledgement of Receipt of Materials		Signature		Date	
<i>Tim Chase</i>		<i>[Signature]</i>		Month Day Year <i>4 5 21</i>	
18. Carrier Acknowledgement of Receipt of Materials		Signature		Date	
				Month Day Year	
19. Discrepancy Indication Space					
20. Consignee					
Printed/Typed Name		Signature		Date	
<i>Allison Wike</i>		<i>Allison Wike</i>		Month Day Year <i>4 5 21</i>	

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09080	
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 # (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. UN1993 Flammable Liquid NOS		01	TT	EST 6000
	b. (contains less than 10% gas/water) PGLL				
	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		Signature		Date	
Adam Harris				Month Day Year 9 6 21	
17. Carrier Acknowledgement of Receipt of Materials		Signature		Date	
STAN Ford				Month Day Year 4 6 21	
18. Carrier Acknowledgement of Receipt of Materials		Signature		Date	
				Month Day Year	
19. Discrepancy Indication Space					
20. Consignee					
Printed/Typed Name		Signature		Date	
Allison Wike				Month Day Year 4 6 21	

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC.		2. BOL # 00801	
3. Shipper Name & Address CPL 14108 Huntersville Concord RD Huntersville NC 28078		4. Shipper's Phone /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			

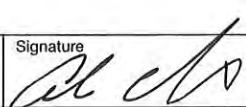
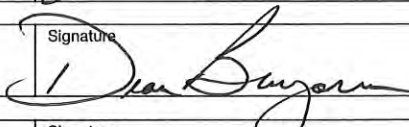
HM	11. Base Description	12. Containers		13. Total Quantity	14. Unit Wt/Vol
		No.	Type		
	a. UN1993 Flammable Liquid NOS (contains less than 10% gas/water) PG III	21	TT	EST 6107	GT
	c.				
	d.				

G. Additional Descriptions for Materials Listed Above

 USE DOT GUIDE # 128

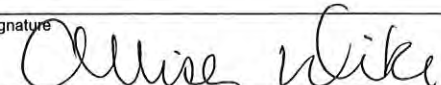
15. Special Handling Instructions and Additional Information

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 4 8 21
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name DEAN BURGNER	Signature 	Date Month Day Year 4 8 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 4 8 21
---	---	---

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC.		2. BOL # 00822	
3. Shipper Name & Address CPL 14108 Huntersville Concord RI 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			

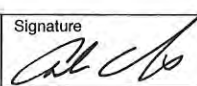
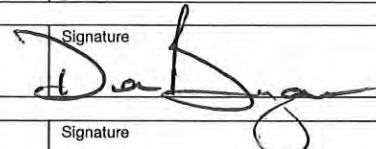
HM	11. Base Description	12. Containers		13. Total Quantity	14. Unit Wt/Vol
		No.	Type		
	a. UNPP3 Flammable Liquid NOS (contains less than 10% gas/water) (G III)	01	11	EST 6048 G	G
	b.				
	c.				
	d.				

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

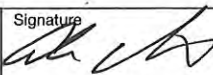
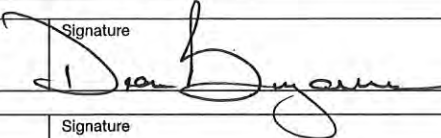
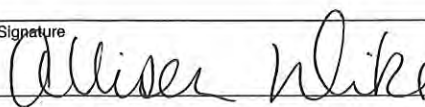
Printed/Typed Name Mark Harris	Signature 	Date Month Day Year 4 9 21
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name DEAN BUNBARNER	Signature 	Date Month Day Year 4 9 21
18. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

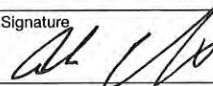
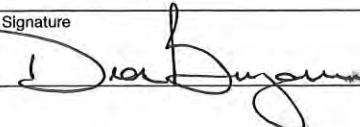
20. Consignee

Printed/Typed Name Allison Wike	Signature 	Date Month Day Year 4 9 21
---	---	---

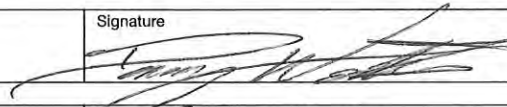
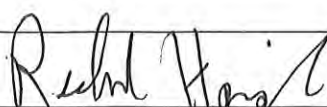
BILL OF LADING

		1. 24 Hour Emergency # STAT, INC.		2. BOL # 00820	
3. Shipper Name & Address CPL 14108 Huntersville Concord RD Huntersville NC 28078		4. Shipper's Phone 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. UN1993 Flammable Liquid NOS		01	TI	EST 6048
	b. (contains less than 10% gas/water) PC III				
	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		Signature		Date	
Adam Harris				4/12/21	
17. Carrier Acknowledgement of Receipt of Materials		Signature		Date	
Dean Bungebauer				4/12/21	
18. Carrier Acknowledgement of Receipt of Materials		Signature		Date	
19. Discrepancy Indication Space					
20. Consignee					
Printed/Typed Name		Signature		Date	
Allison Wike				4/12/21	

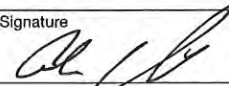
BILL OF LADING

		1. 24 Hour Emergency # STAT, INC.		2. BOL # 00819	
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 Lenoir NC 28645		F. Consignee Phone			
HM X	11. Base Description		12. Containers		13. Total Quantity
			No.	Type	
	a. UN1993 Flammable Liquid NOS		01	TI	EST 5267
	b. (contains less than 10% gas/water) PG II				
	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		Signature		Date	
Adam Harris				Month Day Year 4 13 21	
17. Carrier Acknowledgement of Receipt of Materials		Signature		Date	
Printed/Typed Name		Signature		Month Day Year	
Maurice Wilson		Maurice Wilson		4 13 21	
18. Carrier Acknowledgement of Receipt of Materials		Signature		Date	
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Consignee					
Printed/Typed Name		Signature		Date	
DEAN DUGAN				Month Day Year 4 13 21	

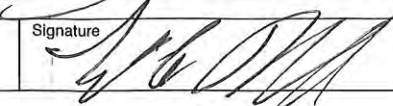
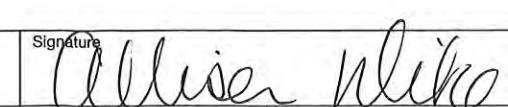
BILL OF LADING

		1. 24 Hour Emergency # STAT, INC.		2. BOL # 00818	
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. UN1993 Flammable Liquid NOS		01	TI	EST 5971
	b. (contains less than 10% g/s/water) PG III				
	c.				
d.					
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 Danny Wooten		Signature 		Date Month Day Year 4 14 21	
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name Stan Ford		Signature 		Date Month Day Year 4 14 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 Richard Hargis		Signature 		Date Month Day Year 04 16 21	

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC.		2. BOL # 00816	
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 Blvd Lenoir NC 28645		F. Consignee Phone			
HM	11. Base Description		12. Containers		13. Total Quantity
			No.	Type	
	a. UN1993 Flammable Liquid NOS				
	b. (contains less than 10% gas/water) RTT		01	TI	EST 5700 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 4/15/21	
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name Joe Jager		Signature 		Date Month Day Year 4/15/21	
18. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month Day Year	
19. Discrepancy Indication Space					
20. Consignee					
Printed/Typed Name Richard Haigler		Signature 		Date Month Day Year 04/15/21	

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC.		2. BOL # 00815	
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 Blvd Lenoir NC 28645		F. Consignee Phone			
HM	11. Base Description		12. Containers		13. Total Quantity
			No.	Type	
	a. UN1993 Flammable Liquid NOS				
	b. (Contains Less than 10% gel/water)				
	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 Darryl Wooten		Signature 		Date Month Day Year 04/16/21	
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name Luther L. McIlhenny		Signature 		Date Month Day Year 04/16/21	
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 4/16/21	

BILL OF LADING

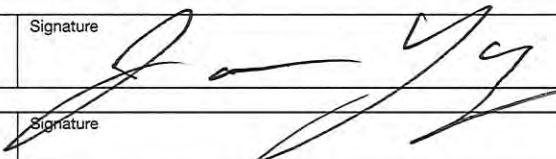
		1. 24 Hour Emergency # STAT, INC.		2. BOL # 00814	
3. Shipper Name & Address CPL 14108 Huntersville Concord RD Huntersville NC 28078		4. Shipper's Phone 1800 627 2457			
5. Carrier STAT, INC.		A. Carrier Phone #			
7. Carrier		D. Carrier Phone			
9. Consignee Name & Address STAT INC 2550 Hickory Blvd Lenoir NC 28645		F. Consignee Phone			

HM	11. Base Description		12. Containers		13. Total Quantity	14. Unit Wt/Vol
		a. UN1993 Flammable Liquid NOS (contains less than 10% gasphase) PG II 01 TT			EST5971	G
		b.				
		c.				
		d.				

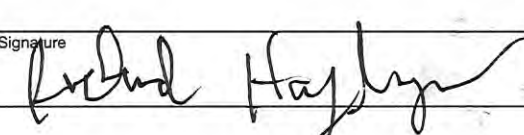
G. Additional Descriptions for Materials Listed Above USE DOT GUIDE # <u>128</u>			
--	--	--	--

15. Special Handling Instructions and Additional Information			
--	--	--	--

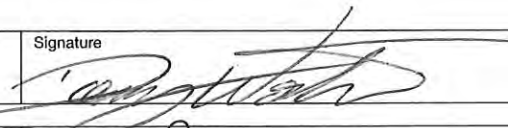
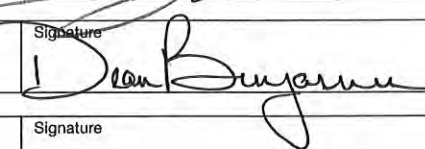
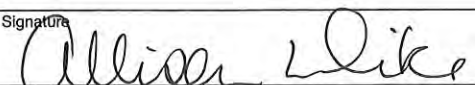
16. Shipper: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport			
---	--	--	--

Printed/Typed Name Alan Harris	Signature 	Date Month Day Year 4/19/21
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name Jon Mager	Signature 	Date Month Day Year 4/19/21
18. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name	Signature	Date Month Day Year

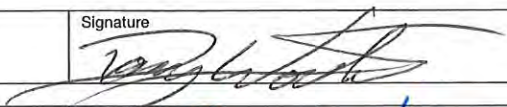
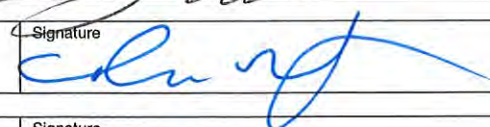
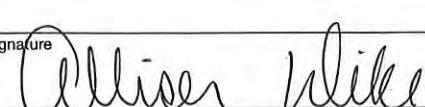
19. Discrepancy Indication Space			
----------------------------------	--	--	--

20. Consignee			
Printed/Typed Name Richard Haigner	Signature 	Date Month Day Year 4/19/21	

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC.		2. BOL # 00813	
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	
	X ^a UN1993 Flammable Liquid NOS (contains less than 10% gas/water) PG III		01	TI	EST 6018 G
	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		Signature		Date	
Danny Wooten				Month Day Year 4 20 21	
17. Carrier Acknowledgement of Receipt of Materials		Signature		Date	
Printed/Typed Name DEAN BUNGARNER				Month Day Year 4 20 21	
18. Carrier Acknowledgement of Receipt of Materials		Signature		Date	
Printed/Typed Name				Month Day Year	
19. Discrepancy Indication Space					
20. Consignee					
Printed/Typed Name		Signature		Date	
Allison Wike				Month Day Year 4 20 21	

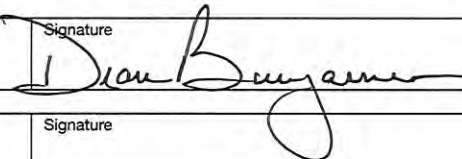
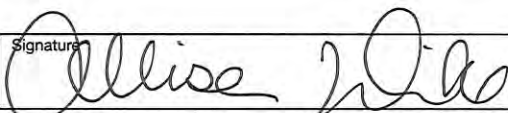
BILL OF LADING

		1. 24 Hour Emergency # STAT, INC.		2. BOL # 00812	
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 LENOIR NC 28645		F. Consignee Phone			
HM	11. Base Description		12. Containers		13. Total Quantity
			No.	Type	
	a. UN1993 Flammable Liquid NOS				
	b. (contains less than 10% gasoline)		GT 01	TI	EST 6019
	c.				
	d.				
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 Danny Wooten		Signature 		Date Month Day Year	
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name Tim Chase		Signature 		Date Month Day Year 4/21/24	
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 4/21/24	

BILL OF LADING

1. 24 Hour Emergency # STAT, INC.		2. BOL # 00811			
3. Shipper Name & Address CPL 1408 Huntersville Concord RD Huntersville NC 28078		4. Shipper's Phone 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	14. Unit Wt/Vol
	a. UN1993 Flammable Liquid NOS (contains less than 10% gas/white) PETI 01 TI			EST 6220	CP
	b.				
	c.				
	d.				
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 AK AB		Date Month Day Year 4 22 21	
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name DEAN BUNGARNER		Signature Dean Bungarner		Date Month Day Year 4 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 Allison Wike		Date Month Day Year 4 22 21	

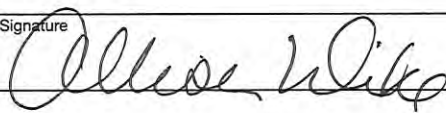
BILL OF LADING

		1. 24 Hour Emergency # STAT, INC.		2. BOL # 00810	
3. Shipper Name & Address CPL 14108 Huntersville Concord RD Huntersville NC 28078		4. Shipper's Phone 800-627-1451			
		A. Carrier Phone #			
5. Carrier STAT, INC.		D. Carrier Phone			
7. Carrier		F. Consignee Phone			
9. Consignee Name & Address STAT INC 2550 Hickory Blvd Lenoir NC 28645					
HM	11. Base Description		12. Containers		13. Total Quantity
			No.	Type	
	a. UN1993 Flammable Liquid NOS (contains less than 10% gasoline) Pk III 01 b. c. d.		01	TI	EST 6166 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 Alan Harris		Signature 		Date Month Day Year 4 23 21	
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name DEAN BUNGARNER		Signature 		Date Month Day Year 4 23 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 4 23 21	

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC.		2. BOL # 00809	
3. Shipper Name & Address CTL 14108 Huntersville Concord RD Huntersville NC 28078		4. Shipper's Phone 7600 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. UNPP3 Flammable Liquid NOS		01	TI	256019
	b. (contains less than 10% gas/liquid)				
	c.				
d.					
14. Unit Wt/Vol 4					
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		Signature		Date	
Deric Reaper		[Signature]		4 24 21	
17. Carrier Acknowledgement of Receipt of Materials		Signature		Date	
Tim Chase		[Signature]		4 24 21	
18. Carrier Acknowledgement of Receipt of Materials		Signature		Date	
19. Discrepancy Indication Space					
20. Consignee					
Printed/Typed Name		Signature		Date	
Allison Wike		[Signature]		4 24 21	

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC.		2. BOL # 00808	
3. Shipper Name & Address CPL 14108 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 Blvd Lenoir NC 28645		F. Consignee Phone			
HM	11. Base Description		12. Containers		13. Total Quantity
			No.	Type	
	a. UN1993 Flammable Liquid NOS		01	TT	EST 6019
	b. (contains less than 10% gas/water) PG II				
	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		Signature		Date	
Adam Harris				Month Day Year 4 26 21	
17. Carrier Acknowledgement of Receipt of Materials		Signature		Date	
DEAN BUNGARNER				Month Day Year 4 26 21	
18. Carrier Acknowledgement of Receipt of Materials		Signature		Date	
				Month Day Year	
19. Discrepancy Indication Space					
20. Consignee					
Printed/Typed Name		Signature		Date	
Allison Wike				Month Day Year 4 26 21	

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC.		2. BOL # 00807	
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 Blvd Lenoir NC 28645		F. Consignee Phone			
HM	11. Base Description		12. Containers		13. Total Quantity
			No.	Type	
	a. UN1993 Flammable Liquid NOS				
	b. (contains less than 10% g/s/water) PG III 01				
	c.				
	d.				
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		Signature		Date	
Dean Bunyarn				Month Day Year 4 27 21	
17. Carrier Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Date	
Dean Bunyarn				Month Day Year 4 27 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		Signature		Date	
Allison Wike				Month Day Year 4 27 21	

BILL OF LADING

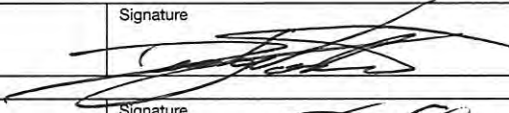
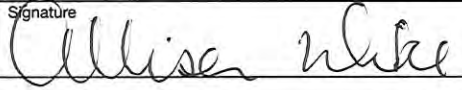
		1. 24 Hour Emergency # STAT, INC.		2. BOL # 00806	
3. Shipper Name & Address CPL 14108 Huntersville Concord Rd Huntersville NC 28078		4. Shipper's Phone 1800 627 1451			
5. Carrier STAT, INC.		A. Carrier Phone #			
7. Carrier		D. Carrier Phone			
9. Consignee Name & Address STAT INC 2550 Hickory Ave Leasville NC 28045		F. Consignee Phone			
HM	11. Base Description		12. Containers		13. Total Quantity
			No.	Type	
	a. UNP93 Flammable Liquid NOS		01	TT	EST 5767
	b. (contains less than 10% of water) KET				
	c.				
d.					
G. Additional Descriptions for Materials Listed Above USE DOT GUIDE # <u>188</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 Day Year 4 28 21	
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name Ethan Curran		Signature 		Date Month Day Year 4 28 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 4 28 21	

Table 3
Summary of Liquids Shipped to HCC
(December 21, 2021 - April 30, 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 - April 30, 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 - April 30, 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 - April 30, 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 - April 30, 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 - April 30, 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 - April 30, 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 - April 30, 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 - April 30, 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 - April 30, 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 - April 30, 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 - April 30, 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 - April 30, 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 - April 30, 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 - April 30, 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 - April 30, 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 - April 30, 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 - April 30, 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 - April 30, 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	
Total				8,637.10	

SITE

BFI/CMS LANDFILL 704-782-2004

5105 MOREHEAD RD

CONCORD, NC 280

CUSTOMER

333662

ED WALLACE CONSTRUCTION, INC

PO BOX 129

STANLEY, NC 28164

Contract:50102012078-2

Generator:Colonial Pipeline Company

SITE

6

TICKET #

1804460

CELL

WEIGHMASTER

Keyona C.

DATE/TIME IN

4/23/21 10:28 am

DATE/TIME OUT

4/23/21 10:28 ar

VEHICLE

stat96

CONTAINER

stat2512

REFERENCE

1042831

BILL OF LADING

SCALE IN	GROSS WEIGHT	55,480	NET TONS	9.03	INBOUND
TARE OUT	TARE WEIGHT	37,420	NET WEIGHT	18,060	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
9.03	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#



NON-HAZARDOUS WASTE MANIFEST

1042831

Please print or type.

1. Generator's US EPA ID Number		Manifest Document Number		2. Page 1 of		1000460				
3. Generator's Name and Mailing Address CPC PO BOX 87 Paw Creek, NC 28213 4. Phone ()				5. Generating Location (if different) Colonial Pipeline Company 14181 Huntersville-Concord Rd. Paw Creek, NC 28078 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 704-262-4371		15. Facility's Phone				
16. Waste Shipping Name and Description a. contaminated soil 5019-20 12078 b. c.				17. Republic Services Approval # and Exp. Date 9/17/2021		18. Containers		19. Total Quantity	20. Unit Wt/Vol	
						No.	Type			
								912	18000	
21. Additional Descriptions for Materials Listed Above										
22. Special Handling Instructions and Additional Information SHE: 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 Michael				Signature [Signature]				Month 4	Day 23	Year 21
24. Transporter #1: Acknowledgement of Receipt of Materials										
Printed/Typed Name [Signature]				Signature [Signature]				Month []	Day []	Year []
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 704-262-4371										
27. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)										
Printed/Typed Name Kary				Signature [Signature]				Month 4	Day 23	Year 21

Table 6
Summary of Liquids Shipped to
Aaron Oil
(September 12, 2020 - April 30, 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	
Total	182,478		



Material Manifest / Bill of Lading NO. 155315

Section 1 SHIPPER / GENERATOR (Generator completes all of Section 1)

a. Company Name: School of the Holy Spirit b. Generating Location: Hartsville

c. Address: 524 Kinston Rd d. Address: 1408 Hartsville Rd

Charlotte NC 28214 Hartsville NC 28058

e. Phone No: 704 320 7777 Contact: John Collins f. Shippers 24 Hour Emergency Ph# 704 320 7777

g. D.O.T. Description of Material: HM 100% Mineral Oil (NOS) (contains less than 1% water) (H-II) See back for examples

h. Quantity: EST 2700 Units: Gal Type: II Containers:

Type
MD - Metal Drum
T - Truck
O - Other
RC - Rail Car
Units
Y3 - Cubic Yards
G - Gallons
B - Barrels
O - Other

i. AOC Description of Material: Section:

1	2	3	4
---	---	---	---

 See back for definitions (enter correct letter)

j. Generator / Shipper U.S. EPA # NC5758165 (if applicable)

k. ☐ Unused petroleum contaminated water / solids destined for recovery (IF CHECKED FILL OUT SECTION 2)

SHIPPER / GENERATOR'S CERTIFICATION: This is to certify that the above named material is properly classified, described, packaged, marked, and labeled, and is in proper condition for transportation according to the applicable regulations of the Department of Transportation. I further certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 and 279 or any applicable federal, state, and local laws. Also, if the material being shipped is used oil, generator certifies that the used oil does not contain any detectable levels of P.C.B.'s This transaction is subject to our terms and conditions attached. Generator / Shipper further certifies that the AOC description code on this manifest is accurately described based on "Accepted Materials" on back of this manifest.

X

Generator Authorized Agent Name Signature Date

Section 2 PCW Section (Generator complete a-c, only if box j. was checked in section 1)

PCW Sources

a. Tank number(s) / Tank service (gasoline, diesel, etc.) b. Estimate % solids

No. Service c. 100% Pumpable yes no

No. Service Upon Delivery ☐ ☐

No. Service

Other Source Information Leak SITE

*The term (PCW) means waters containing unused virgin petroleum products and includes tank draw waters, tank cleaning waters / sludge, tank bottoms, etc.

Certification

I hereby certify with each shipment of PCW that the PCW does not contain levels of toxics above those found in sources of the PCW and that the PCW originates from an unleaded fuel source.

Generator Authorized Agent Name Signature Date

Section 3 TRANSPORTER (Generator complete a-c, Transporter I d-e. Transporter II f-j)

TRANSPORTER I

a. Name: STAT INC

b. Address: 2550 Hoke Rd

Leak NC 28045

c. Phone No: 704 320 7777 d. U.S. EPA # NC5758165

Acknowledgement of Receipt of Materials

e. John Collins Driver Signature Date 5/11/21

Section 4 DESTINATION (Generator completes)

a. Site Name: Aaron Oil

b. Physical Address: 703 Bill Mays Dr

School of the Holy Spirit

c. Phone No.: 704 320 7777 U.S. EPA # NC5758165

d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. John Collins Name of Authorized Agent Signature Date 05/11/21

Section 5 BILLING INFO (if different from section 1)

a. Name:

b. Mailing Address:

c. Phone No.: Contact

Form #48 Copyright 1997

Blue - Destination Retain Green - Return to Operator Canary - Return to Generator Pink - Transporter Retain Gold - Generator Retain Blue - Invoice Copy

Table 7
Summary of Liquids Shipped to MEI
(March 24, 2021 - April 30, 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	
4/2/2021	5,417	21	
4/3/2021	5,417	22	
4/3/2021	5,482	23	
4/5/2021	5,417	24	
4/5/2021	5,417	25	
4/5/2021	5,417	26	
4/5/2021	5,417	27	
4/5/2021	5,348	28	
4/6/2021	5,417	29	
4/6/2021	5,147	30	
4/6/2021	5,417	31	
4/7/2021	5,417	32	
4/8/2021	5,417	33	
4/8/2021	5,417	34	
4/9/2021	5,195	35	
4/9/2021	5,417	36	
4/9/2021	5,417	37	
4/9/2021	5,417	38	
4/10/2021	5,417	39	
4/10/2021	5,417	40	
4/12/2021	5,417	41	
4/12/2021	5,417	42	
4/12/2021	5,417	43	

Table 7
Summary of Liquids Shipped to MEI
(March 24, 2021 - April 30, 2021)

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

4/12/2021	5,417	44	
4/13/2021	5,417	45	
4/13/2021	5,417	46	
4/13/2021	5,023	47	
4/14/2021	5,417	48	
4/14/2021	5,417	49	
4/15/2021	5,417	50	
4/15/2021	5,417	51	
4/15/2021	5,417	52	
4/16/2021	5,417	53	
4/16/2021	5,417	54	
4/17/2021	5,412	55	
4/17/2021	5,410	56	
4/17/2021	5,417	57	
4/19/2021	5,417	58	
4/19/2021	5,348	59	
4/19/2021	5,417	60	
4/19/2021	5,417	61	
4/20/2021	5,417	62	
4/20/2021	5,417	63	
4/21/2021	5,417	64	
4/21/2021	5,481	65	
4/21/2021	3,000	66	
4/21/2021	5,417	67	
4/21/2021	5,417	68	
4/22/2021	5,417	69	
4/22/2021	5,417	70	
4/22/2021	5,417	71	
4/22/2021	5,417	72	
4/23/2021	5,481	73	
4/23/2021	5,417	74	
Total	370,967		

STRAIGHT BILL OF LADING - SHORT FORM

NOTICE: Shippers of hazardous materials must enter 24-hour emergency response telephone number under "Emergency Response Phone Number."

Original—Not Negotiable

Marion Environmental

(Name of Carrier)

Date 4/1/21

Bill of Lading No. 00020

Shipper No.

Carrier No. US DOT 900567

TO: Consignee <u>Marion Environmental</u>		FROM: Shipper <u>Colonial Pipeline</u>	
Street <u>1704 Tower Industrial DR</u>		Street <u>14108 Huntersville Concord RD</u>	
Destination <u>Monroe, NC</u>		Origin <u>Huntersville, NC</u>	
Zip Code <u>28110</u>		Zip Code <u>28078</u>	
Route: <u>485-74</u>		Vehicle No. <u>TR-38</u>	
SCAC		Emergency Response Phone Number	

No. Shipping Units	+HM	Kind of Packaging, Description of Articles Special Marks and Exceptions	Weight (Subject to Correction)*	Rate or Class	CHARGES
1	X	UN 1993 Combustible liquids N.O.S. Contains Less than 10% Gasoline P&F III ERG # 128	TT	5417	Gallons

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading state whether weight is "carrier's or shipper's weight".

REMIT
C.O.D. TO:
ADDRESSC.O.D.
Amt. \$C.O.D. FEE:
PREPAID ☐
COLLECT ☐ \$

TOTAL

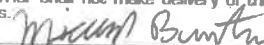
CHARGES: \$

Note—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

\$ _____ per _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement.

The carrier shall not make delivery of this shipment without payment of freight and all other charges.



(Signature of Consignor)

FREIGHT CHARGES

Check Appropriate Box:

☐ Freight prepaid☐ Collect

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classifications in effect on the date hereof, if this is a rail or a rail-water shipment or (2) in the applicable motor carrier classification or tariff, if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Mark with "RG" if appropriate to designate Hazardous Materials as defined in the U.S. Department of Transportation Regulations governing the transportation of hazardous materials. The use of this column is an optional method for identifying hazardous materials on Bills of Lading per 172.201(a)(1) (ii) of Title 49 Code of Federal Regulations. Also when shipping hazardous materials, the shipper's certification statement prescribed in section 172.204(a) of the Federal Regulations, as indicated on the Bill of Lading does apply, unless a specific exception from the requirement is provided in the Regulation for a particular material.

The format and content of hazardous item list is the responsibility of individual company interpretation of requirements as described in 49 Code of Federal Regulations 172, Subpart C-Shipping Papers. Such description consists of the following per Sections 172.201 (Hazardous Material Table) and Sections 172.202 and 172.203: Proper shipping name, hazardous class, UN identification number, packing group, and subsidiary class(es).

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 United States Code, Sections 14706(c) (1)(A) and (B).

SHIPPER CPC

PER

Adam Harris

CARRIER MEI

PER

Amy Lee

1

This is to certify that the above named materials are properly classified, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the U.S. Department of Transportation.

Carrier acknowledges receipt of packages and any required placards. Carrier certifies emergency response information was made available and/or carrier has the U.S. Department of Transportation emergency response guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted.

STRAIGHT BILL OF LADING - SHORT FORM

NOTICE: Shippers of hazardous materials must enter 24-hour emergency response telephone number under "Emergency Response Phone Number."

Date

4/2/21

Bill of Lading No. 00021

Original—Not Negotiable

Marion Environmental

Shipper No.

Carrier No. US DOT 900567

TO: Consignee Marion Environmental		FROM: Shipper Colonial Pipeline	
Street 1704 Tower Industrial DR		Street 14108 Huntersville Concord RD	
Destination Monroe, NC		Origin Huntersville, NC	
Zip Code 28110		Zip Code 28078	
Route: 485-74		Vehicle No. TR-38	
No. Shipping Units +HM		Weight (Subject to Correction)* TT	
Kind of Packaging, Description of Articles Special Marks and Exceptions		Rate or Class	
1 X Un 1993 Combustible liquids N.O.S Contains less than 10% Gasoline PG III ERG # 128		5417 Gallons	

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading state whether weight is "carrier's or shipper's weight."

REMIT
C.O.D. TO:
ADDRESS

C.O.D.

Amt. \$

C.O.D. FEE:

PREPAID ☐COLLECT ☐

TOTAL

CHARGES: \$

Note—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

\$ _____ per _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement.
The carrier shall not make delivery of this shipment without payment of freight and all other charges.

Mickey Barnett

(Signature of Consignor)

FREIGHT CHARGES
Check Appropriate Box:
☐ Freight prepaid
☐ Collect

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classifications in effect on the date hereof, if this is a rail or a rail-water shipment or (2) in the applicable motor carrier classification or tariff, if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Mark with "RG" if appropriate to designate Hazardous Materials as defined in the U.S. Department of Transportation Regulations governing the transportation of hazardous materials. The use of this column is an optional method for identifying hazardous materials on Bills of Lading per 172.201(a)(1)(iii) of Title 49 Code of Federal Regulations. Also when shipping hazardous materials, the shipper's certification statement prescribed in section 172.204(a) of the Federal Regulations, as indicated on the Bill of Lading does apply, unless a specific exception from the requirement is provided in the Regulation for a particular material.

The format and content of hazardous item list is the responsibility of individual company interpretation of requirements as described in 49 Code of Federal Regulations 172, Subpart C Shipping Papers. Such description consists of the following per Sections 172.201 (Hazardous Material Table) and Sections 172.202 and 172.203: Proper shipping name, hazardous class, UN identification number, packing group, and subsidiary class(es).

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 United States Code, Sections 14706(c)(1)(A) and (B).

SHIPPER

CPC

PER

John Harris

CARRIER

MEI

PER

Andy Lee

1

This is to certify that the above named materials are properly classified, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the U.S. Department of Transportation.

Carrier acknowledges receipt of packages and any required placards. Carrier certifies emergency response information was made available and/or carrier has the U.S. Department of Transportation emergency response guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted.

STRAIGHT BILL OF LADING - SHORT FORM

NOTICE: Shippers of hazardous materials must enter 24-hour emergency response telephone number under "Emergency Response Phone Number."

Original—Not Negotiable

Marion Environmental

(Name of Carrier)

Date 4-3-21

Bill of Lading No. 00022

Shipper No.

Carrier No. US DOT 900567

TO: Consignee Marion Environmental		FROM: Shipper Colonial Pipeline	
Street 1704 Tower Industrial DR		Street 14108 Huntersville Concord Rd	
Destination Monroe, NC		Origin Huntersville, NC	
Zip Code 28110		Zip Code 28078	
Route: 485-74		Vehicle No. TR-38	
No. Shipping Units		SCAC	
+HM		Emergency Response Phone Number	
Kind of Packaging, Description of Articles Special Marks and Exceptions		Weight (Subject to Correction)*	
Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation with ordinary care. See Section 2(e) of National Motor Freight Classification, item 360.		Rate or Class	
1 X Un 1993 Combustible liquids N.O.S. Contains LESS than 10% Gasoline PG III ERG #128		5417	
		CHARGES	
		Gallons	

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading state whether weight is "carrier's or shipper's weight".

REMIT
C.O.D. TO:
ADDRESS

C.O.D.
Amt. \$

C.O.D. FEE:
PREPAID ☐
COLLECT ☐ \$

TOTAL

CHARGES: \$

Note—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

\$ _____ per

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement.
The carrier shall not make delivery of this shipment without payment of freight and all other charges.

Michael B. Smith

(Signature of Consignor)

FREIGHT CHARGES
Check Appropriate Box:

- ☐ Freight prepaid
☐ Collect

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any of said property that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classifications in effect on the date hereof, if this is a rail or a rail-water shipment or (2) in the applicable motor carrier classification or tariff, if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Mark with "RQ" if appropriate to designate Hazardous Materials as defined in the U.S. Department of Transportation Regulations governing the transportation of hazardous materials. The use of this column is an optional method for identifying hazardous materials on Bills of Lading per 172.201(a)(1) (iii) of Title 49 Code of Federal Regulations. Also when shipping hazardous materials, the shipper's certification statement prescribed in section 172.204(a) of the Federal Regulations, as indicated on the Bill of Lading does apply, unless a specific exception from the requirement is provided in the Regulation for a particular material.

The format and content of hazardous item list is the responsibility of individual company interpretation of requirements as described in 49 Code of Federal Regulations 172, Subpart C-Shipping Papers. Such description consists of the following per Sections 172.201 (Hazardous Material Table) and Sections 172.202 and 172.203: Proper shipping name, hazardous class, UN identification number, packing group, and subsidiary class(es).

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 United States Code, Sections 14706(c) (1)(A) and (B).

SHIPPER **CPC**

PER

1

This is to certify that the above named materials are properly classified, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the U.S. Department of Transportation.

CARRIER **MEI**

PER

Carrier acknowledges receipt of packages and any required placards. Carrier certifies emergency response information was made available and/or carrier has the U.S. Department of Transportation emergency response guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted.

STRAIGHT BILL OF LADING - SHORT FORM

NOTICE: Shippers of hazardous materials must enter 24-hour emergency response telephone number under "Emergency Response Phone Number."

Original—Not Negotiable

Marion Environmental

Date

4/5/21

Bill of Lading No. 00024

Shipper No.

Carrier No. US DOT 900567

TO: Consignee Marion Environmental		FROM: Shipper Colonial Pipeline	
Street 1704 Tower Industrial DR		Street 14108 Huntersville Concord Rd	
Destination Monroe, NC		Origin Huntersville, NC	
Route: 485-74		Zip Code 28110	
Vehicle No. TR-38		SCAC	
Emergency Response Phone Number		Weight (Subject to Correction)*	
No. Shipping Units	+HM	Kind of Packaging, Description of Articles Special Marks and Exceptions	Rate or Class
1	X	un 1993 Combustible Liquids N.G.S Contains Less than 10% Gasoline PG III ERG # 128	5417 Gallons

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading state whether weight is "carrier's or shipper's weight."

REMIT
C.O.D. TO:
ADDRESS

C.O.D.

Amt. \$

C.O.D. FEE:

PREPAID ☐
COLLECT ☐ \$

TOTAL

CHARGES: \$

Note—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

\$ per

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement. The carrier shall not make delivery of this shipment without payment of freight and all other charges.

Michael Burt

(Signature of Consignor)

FREIGHT CHARGES

Check Appropriate Box:

☐ Freight prepaid☐ Collect

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classifications in effect on the date hereof, if this is a rail or a rail-water shipment or (2) in the applicable motor carrier classification or tariff, if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Mark with "RG" if appropriate to designate Hazardous Materials as defined in the U.S. Department of Transportation Regulations governing the transportation of hazardous materials. The use of this column is an optional method for identifying hazardous materials on Bills of Lading per 172.201(a)(1)(iii) of Title 49 Code of Federal Regulations. Also when shipping hazardous materials, the shipper's certification statement prescribed in section 172.204(a) of the Federal Regulations, as indicated on the Bill of Lading does apply, unless a specific exception from the requirement is provided in the Regulation for a particular material.

The format and content of hazardous item list is the responsibility of individual company interpretation of requirements as described in 49 Code of Federal Regulations 172, Subpart C-Shipping Papers. Such description consists of the following per Sections 172.201 (Hazardous Material Table) and Sections 172.202 and 172.203: Proper shipping name, hazardous class, UN identification number, packing group, and subsidiary class(es).

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 United States Code, Sections 14706(c)(1)(A) and (B).

SHIPPER *CPC*PER *Alan Harris*

1

This is to certify that the above named materials are properly classified, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the U.S. Department of Transportation.

CARRIER *MEF*PER *DAVE Lee Jr (Andy)*

Carrier acknowledges receipt of packages and any required placards. Carrier certifies emergency response information was made available and/or carrier has the U.S. Department of Transportation emergency response guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted.

Marion Environmental

Carrier No. US DOT 900567

Emergency Response
Phone Number

CHARGES

Gallons

CHARGES: \$

☐ Freight prepaid
☐ Collect:

(Signature of Consignor)

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 United States Code, Sections 14706(c (1)(A) and (B).

Chris McClinn

Carrier acknowledges receipt of packages and any required placards. Carrier certifies emergency response information was made available and/or carrier has the U.S. Department of Transportation emergency response guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted.

STRAIGHT BILL OF LADING - SHORT FORM

NOTICE: Shippers of hazardous materials must enter 24-hour emergency response telephone number under "Emergency Response Phone Number."

Original—Not Negotiable

Marion Environmental

Date 4/5/21

Bill of Lading No. 00027

Shipper No.

Carrier No. US DOT 900567

TO: Consignee Marion Environmental		FROM: Shipper Colonial Pipeline	
Street 1704 Tower Industrial Dr		Street 14108 Huntersville Concord Rd	
Destination Monroe, NC		Origin Huntersville, NC	
Zip Code 28110		Zip Code 28078	
Route: 485-74		Vehicle No. TR-40	
No. Shipping Units 1		SCAC	
+HM X		Emergency Response Phone Number	
Kind of Packaging, Description of Articles Special Marks and Exceptions Un 1993 Combustible liquids N.O.S. Contains Less than 10% Gasoline PG III ERG # 128		Weight (Subject to Correction)* TT	
		Rate or Class 5417	
		CHARGES Gallons	

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading state whether weight is "carrier's or shipper's weight".

REMIT
C.O.D. TO:
ADDRESSC.O.D.
Amt. \$C.O.D. FEE:
PREPAID ☐
COLLECT ☐ \$

TOTAL

CHARGES: \$

Note—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

\$ _____ per _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement. The carrier shall not make delivery of this shipment without payment of freight and all other charges.

Mural Ramtin

(Signature of Consignor)

FREIGHT CHARGES

Check Appropriate Box:

☐ Freight prepaid☐ Collect

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classifications in effect on the date hereof, if this is a rail or a rail-water shipment or (2) in the applicable motor carrier classification or tariff, if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Mark with "RQ" if appropriate to designate Hazardous Materials as defined in the U.S. Department of Transportation Regulations governing the transportation of hazardous materials. The use of this column is an optional method for identifying hazardous materials on Bills of Lading per 172.201(e)(1) (iii) of Title 49 Code of Federal Regulations. Also when shipping hazardous materials, the shipper's certification statement prescribed in section 172.204(a) of the Federal Regulations as indicated on the Bill of Lading does apply, unless a specific exception from the requirement is provided in the Regulation for a particular material.

SHIPPER

CPL

PER

Adam Harris

1

This is to certify that the above named materials are properly classified, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the U.S. Department of Transportation.

The format and content of hazardous item list is the responsibility of individual company interpretation of requirements as described in 49 Code of Federal Regulations 172, Subpart C-Shipping Papers. Such description consists of the following per Sections 172.201 (Hazardous Material Table) and Sections 172.202 and 172.203: Proper shipping name, hazardous class, UN identification number, packing group, and subsidiary class(es).

CARRIER

MEI

PER

Chris McGinnis

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 United States Code, Sections 14706(c) (1)(A) and (B).

Carrier acknowledges receipt of packages and any required placards. Carrier certifies emergency response information was made available and/or carrier has the U.S. Department of Transportation emergency response guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted.

STRAIGHT BILL OF LADING - SHORT FORM

NOTICE: Shippers of hazardous materials must enter 24-hour emergency response telephone number under "Emergency Response Phone Number."

Original—Not Negotiable

Marion Environmental

Date

4/6/21

Bill of Lading No. 00029

Shipper No.

Carrier No. US DOT 900567

TO:		(Name of Carrier)		FROM:	
Consignee Marion Environmental				Shipper Colonial Pipeline	
Street 1704 Tower Industrial DR				Street 14108 Huntersville Concord Rd	
Destination Monroe, NC		Zip Code 28110		Origin Huntersville, NC	
Route: 485-74		Vehicle No. TR-40		Zip Code 28078	
No. Shipping Units		+HM		SCAC	
Kind of Packaging, Description of Articles		Special Marks and Exceptions		Emergency Response Phone Number	
1		X		Weight (Subject to Correction)*	
Un 1993 Combustible liquids N.O.S				Rate or Class	
Contains LCSS than 10% Gasoline PG III				CHARGES	
ERG # 128				5417 Gallons	

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading state whether weight is "carrier's or shipper's weight."

REMIT
C.O.D. TO:
ADDRESS

C.O.D.

Amt. \$

C.O.D. FEE:

PREPAID ☐COLLECT ☐

TOTAL

CHARGES: \$

Note—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

\$ _____ per _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement. The carrier shall not make delivery of this shipment without payment of freight and all other charges.

William Banta

(Signature of Consignor)

FREIGHT CHARGES

Check Appropriate Box:

☐ Freight prepaid☐ Collect

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classifications in effect on the date hereof, if this is a rail or a rail-water shipment or (2) in the applicable motor carrier classification or tariff, if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Mark with "RG" if appropriate to designate Hazardous Materials as defined in the U.S. Department of Transportation Regulations governing the transportation of hazardous materials. The use of this column is an optional method for identifying hazardous materials on Bills of Lading per 172.201(a)(1) (iii) of Title 49 Code of Federal Regulations. Also when shipping hazardous materials, the shipper's certification statement prescribed in section 172.204(a) of the Federal Regulations, as indicated on the Bill of Lading does apply, unless a specific exception from the requirement is provided in the Regulation for a particular material.

SHIPPER CPC

PER

1

This is to certify that the above named materials are properly classified, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the U.S. Department of Transportation.

The format and content of hazardous item list is the responsibility of individual company interpretation of requirements as described in 49 Code of Federal Regulations 172, Subpart C-Shipping Papers. Such description consists of the following per Sections 172.201 (Hazardous Material Table) and Sections 172.202 and 172.203: Proper shipping name, hazardous class, UN identification number, packing group, and subsidiary class(es).

CARRIER MEI

PER

Carrier acknowledges receipt of packages and any required placards. Carrier certifies emergency response information was made available and/or carrier has the U.S. Department of Transportation emergency response guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted.

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 United States Code, Sections 14706(c) (1)(A) and (B).

Date 7/6/21

Bill of Lading No. 00031

Marion Environmental

Shipper No.

Carrier No. VS DOT 900567

(Name of Carrier)

Note-Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ per _____ RECEIVED, subject to the classification of the property.		Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement. The carrier shall not make delivery of this shipment without payment of freight and all other charges. <i>Michael Banta</i> (Signature of Consignor)		COLLECT ☐ \$ _____ CHARGES: \$ _____ FREIGHT CHARGES Check Appropriate Box: ☐ Freight prepaid ☐ Collect	
--	--	---	--	---	--

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading, of the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any portion of said property over all or any portion of said route to destination and as to each party at any time interested in the property that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classifications in effect on the date hereof, if this is a rail or a rail-water shipment or (2) in the applicable motor carrier classification or tariff, if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Mark with "RQ" if appropriate to designate Hazardous Materials as defined in the U.S. Department of Transportation Regulations governing the transportation of hazardous materials. The use of this column is an optional method for identifying hazardous materials on Bills of Lading per 172.201(a)(1)(iii) of Title 49 Code of Federal Regulations. Also when shipping hazardous materials, the shipper's certification statement prescribed in section 172.204(a) of the Federal Regulations, as indicated on the Bill of Lading does apply, unless a specific exception from the requirement is provided in the Regulation for a particular material.

The format and content of hazardous item list is the responsibility of individual company interpretation of requirements as described in 49 Code of Federal Regulations 172. Subpart C-Shipping Papers. Such description consists of the following per Sections 172.201 (Hazardous Material Table) and Sections 172.202 and 172.203: Proper shipping name, hazardous class, UN identification number, packing group, and subsidiary class(es).

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 United States Code, Sections 14706(c)(1)(A) and (B).

SHIPPER **CPC**

PER

CARRIER

PER

1 This is to certify that the above named materials are properly classified, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the U.S. Department of Transportation.

Carrier acknowledges receipt of packages and any required placards. Carrier certifies emergency response information was made available and/or carrier has the U.S. Department of Transportation emergency response guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted.

STRAIGHT BILL OF LADING - SHORT FORM

NOTICE: Shippers of hazardous materials must enter 24-hour emergency response telephone number under "Emergency Response Phone Number."

Date 4/8/21Bill of Lading No. 00033

Original—Not Negotiable

Marion Environmental

Shipper No.

Carrier No. US DOT900567

TO: Consignee <u>Marion Environmental</u>		FROM: Shipper <u>Colonial Pipeline</u>	
Street <u>1704 Tower Industrial DR</u>		Street <u>14108 Huntersville Concord RD</u>	
Destination <u>Monroe, NC</u>		Origin <u>Huntersville, NC</u>	
Zip Code <u>28110</u>		Zip Code <u>28078</u>	
Route: <u>485-74</u>		Vehicle No. <u>TR-38</u>	
SCAC		Emergency Response Phone Number	

No. Shipping Units	+HM	Kind of Packaging, Description of Articles Special Marks and Exceptions	Weight (Subject to Correction)*	Rate or Class	CHARGES
1	X	Un 1993 Combustible liquids N.O.S. Contains Less than 10% Gasoline PG III ERG #128	TT	54/7	Gallons

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading state whether weight is "carrier's or shipper's weight".

REMIT
C.O.D. TO:
ADDRESSC.O.D.
Amt. \$C.O.D. FEE:
PREPAID ☐
COLLECT ☐ \$

TOTAL

CHARGES: \$

Note—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

\$ _____ per _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement.

The carrier shall not make delivery of this shipment without payment of freight and all other charges.

Marion Environmental

(Signature of Consignor)

FREIGHT CHARGES

Check Appropriate Box:

☐ Freight prepaid

☐ Collect

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classifications in effect on the date hereof, if this is a rail or a rail-water shipment or (2) in the applicable motor carrier classification or tariff, if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Mark with "RQ" if appropriate to designate Hazardous Materials as defined in the U.S. Department of Transportation Regulations governing the transportation of hazardous materials. The use of this column is an optional method for identifying hazardous materials on Bills of Lading per 172.201(a)(1)(iii) of Title 49 Code of Federal Regulations. Also when shipping hazardous materials, the shipper's certification statement prescribed in section 172.204(a) of the Federal Regulations, as indicated on the Bill of Lading does apply, unless a specific exception from the requirement is provided in the Regulation for a particular material.

The format and content of hazardous item list is the responsibility of individual company interpretation of requirements as described in 49 Code of Federal Regulations 172.201 Subpart C-Shipping Papers. Such description consists of the following per Sections 172.201 (Hazardous Material Table) and Sections 172.202 and 172.203 Proper shipping name, hazardous class, UN identification number, packing group, and subsidiary class(es).

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 United States Code, Sections 14706(c)(1)(A) and (B).

SHIPPER CPCCARRIER MEIPER Adam Harris ChulaPER Andy Lee

1

This is to certify that the above named materials are properly classified, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the U.S. Department of Transportation

Carrier acknowledges receipt of packages and any required placards. Carrier certifies emergency response information was made available and/or carrier has the U.S. Department of Transportation emergency response guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted.

Marion Environmental

4/9/2

Carrier No. US DOT 900,567

(Name of Carrier)

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 United States Code, Sections 14706(c)(1)(A) and (B).

This is to certify that the above named materials are properly classified, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the U.S. Department of Transportation.

Carrier acknowledges receipt of packages and any required placards. Carrier certifies emergency response information was made available and/or carrier has the U.S. Department of Transportation emergency response guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted.

Marion Environmental

04/09/2

Shipper No.

Carrier No. 05 Dot 900567

If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading state whether weight is "carrier's or shipper's weight".		REMIT C.O.D. TO: ADDRESS	C.O.D. Amt. \$	C.O.D. FEE: PREPAID ☐ COLLECT ☐ \$	TOTAL CHARGES: \$
Note-Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ per _____		Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement. The carrier shall not make delivery of this shipment without payment of freight and all other charges. <i>Michael Buehler</i> (Signature of Consignor)			FREIGHT CHARGES Check Appropriate Box: ☐ Freight prepaid ☐ Collect

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading, the property described above throughout this contract, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any portion of the property over all or any portion of said route to destination and as to each party at any time interested in the property that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classifications in effect on the date hereof, if this is a rail or a rail-water shipment or (2) in the applicable motor carrier classification or tariff, if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Mark with "RG" if appropriate to designate Hazardous Materials as defined in the U.S. Department of Transportation Regulations governing the transportation of hazardous materials. The use of this column is an optional method for identifying hazardous materials on Bills of Lading per 172.201(a)(1)(iii) of Title 49 Code of Federal Regulations. Also when shipping hazardous materials, the shipper's certification statement prescribed in section 172.204(a) of the Federal Regulations, as indicated on the Bill of Lading does apply, unless a specific exception from the requirement is provided in the Regulation for a particular material.

The format and content of hazardous item list is the responsibility of individual company interpretation of requirements as described in 49 Code of Federal Regulations 172, Subpart C-Shipping Papers. Such description consists of the following per Sections 172.201 (Hazardous Material Table) and Sections 172.202 and 172.203: Proper shipping name, hazardous class, UN identification number, packing group, and subsidiary class(es).

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 United States Code, Sections 14706(c) (1)(A) and (B).

SHIPPER CPL
PER Adan Harris Pl 11

CARRIER **MEI**
 REF **Pl 412**

1 This is to certify that the above named materials are properly classified, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the U.S. Department of Transportation.

Carrier acknowledges receipt of packages and any required placards. Carrier certifies emergency response information was made available and carrier has the U.S. Department of Transportation emergency response guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted.

STRAIGHT BILL OF LADING - SHORT FORM

NOTICE: Shippers of hazardous materials must enter 24-hour emergency response telephone number under "Emergency Response Phone Number."

Original—Not Negotiable

Marion Environmental

Date

4/9/21

Bill of Lading No. 000 37

Shipper No.

Carrier No. US DOT 900567

TO:		(Name of Carrier)	
Consignee Marion Environmental		FROM: Shipper Colonial Pipeline	
Street 1704 Tower Industrial DR		Street 14108 Huntersville Concord Rd	
Destination Monroe, NC		Origin Huntersville, NC	
Route: 485-74		Zip Code 28110	
Vehicle No. TR-38		Zip Code 28078	
No. Shipping Units		SCAC	
+HM		Emergency Response Phone Number	
Kind of Packaging, Description of Articles Special Marks and Exceptions		Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation with ordinary care. See Section 2(e) of National Motor Freight Classification, Item 360.	
1 X		UN 1993 Combustible liquids N.O.S.	
		Contains less than 10% Gasoline PG III	
		ERG #128	
		Weight (Subject to Correction)* TT	
		Rate or Class 5417	
		CHARGES Gallons	

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading state whether weight is "carrier's or shipper's weight".

REMIT
C.O.D. TO:
ADDRESS

C.O.D.
Amt. \$

C.O.D. FEE:
PREPAID ☐
COLLECT ☐ \$

TOTAL
CHARGES: \$

Note—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

\$ _____ per _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement.
The carrier shall not make delivery of this shipment without payment of freight and all other charges.

William Perote
(Signature of Consignor)

FREIGHT CHARGES

Check Appropriate Box:

☐ Freight prepaid☐ Collect

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classifications in effect on the date hereof, if this is a rail or a rail-water shipment or (2) in the applicable motor carrier classification or tariff, if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Mark with "RC" if appropriate to designate Hazardous Materials as defined in the U.S. Department of Transportation Regulations governing the transportation of hazardous materials. The use of this column is an optional method for identifying hazardous materials on Bills of Lading per 172.201(a)(1) (iii) of Title 49 Code of Federal Regulations. Also when shipping hazardous materials, the shipper's certification statement prescribed in section 172.204(e) of the Federal Regulations, as indicated on the Bill of Lading does apply, unless a specific exception from the requirement is provided in the Regulation for a particular material.

SHIPPER

CPC

PER

Adam Harris

1

This is to certify that the above named materials are properly classified, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the U.S. Department of Transportation.

The format and content of hazardous item list is the responsibility of individual company interpretation of requirements as described in 49 Code of Federal Regulations 172, Subpart C Shipping Papers. Such description consists of the following per Sections 172.201 (Hazardous Material Table) and Sections 172.202 and 172.203: Proper shipping name, hazardous class, UN identification number, packing group, and subsidiary class(es).

CARRIER

MEI

PER

Andi Lee

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 United States Code, Sections 14706(c) (1)(A) and (B).

Carrier acknowledges receipt of packages and any required placards. Carrier certifies emergency response information was made available and/or carrier has the U.S. Department of Transportation emergency response guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted.

Date 4-10-21

Date _____

Shipper No.

Marion Environmental

Carrier No. US DOT 900567

(Name of Carrier)

SHIPPER

CPC

PFF

Alan Harris

CARRIER

mE

PEF

Andy L.

↑

This is to certify that the above named materials are properly classified, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the U.S. Department of Transportation.

Carrier acknowledges receipt of packages and any required placards. Carrier certifies emergency response information was made available and/or carrier has the U.S. Department of Transportation emergency response guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted.

Date 4/10/20

Date 7/10/21 Bill of Lading No. 00040

Marion Environmental

Shipper No.

Carrier No. US DoT 900567

(Name of Carrier)

Note-Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ per _____	Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement. The carrier shall not make delivery of this shipment without payment of freight and all other charges. <i>Michael Cantor</i> (Signature of Consignor)	COLLECT \$ _____ CHARGES \$ _____
Freight Prepaid	Freight Prepaid	Freight Prepaid
Collect	Collect	Collect

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier at the place of destination. It is mutually agreed as to delivery under the contract that the carrier shall be liable for the property, whether or not it is delivered to the destination, that every service to be performed hereunder shall be performed in accordance with all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classifications in effect on the date hereof, if this is a rail or a rail-water shipment or (2) in the applicable motor carrier classification or tariff, if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Mark with "RQ" if appropriate to designate Hazardous Materials as defined in the U.S. Department of Transportation Regulations governing the transportation of hazardous materials. The use of this column is an optional method for identifying hazardous materials on Bills of Lading per 172.201(a)(1) (iii) of Title 49 Code of Federal Regulations. Also when shipping hazardous materials, the shipper's certification statement prescribed in section 172.204(a) of the Federal Regulations, as indicated on the Bill of Lading does apply, unless a specific exception from the requirement is provided in the Regulation for a particular material.

The format and content of hazardous item list is the responsibility of individual company interpretation of requirements as described in 49 Code of Federal Regulations 172, Subpart C-Shipping Papers. Such description consists of the following per Sections 172.201 (Hazardous Material Table) and Sections 172.202 and 172.203: Proper shipping name, hazardous class, UN identification number; packing group, and subsidiary class(es).

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 United States Code, Sections 14706(c (1)(A) and (B).

SHIPPER CPC

PER

CARRIER MET

PF

1

This is to certify that the above named materials are properly classified, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the U.S. Department of Transportation.

Carrier acknowledges receipt of package(s) and any required placards. Carrier certifies emergency response information was made available and/or carrier has the U.S. Department of Transportation emergency response guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted.

STRAIGHT BILL OF LADING - SHORT FORM

NOTICE: Shippers of hazardous materials must enter 24-hour emergency response telephone number under "Emergency Response Phone Number."

Original—Not Negotiable

Marion Environmental

Date

4/12/21

Bill of Lading No. 00041

Shipper No.

Carrier No. US DOT 900567

TO: Consignee <u>Marion Environmental</u>		FROM: Shipper <u>Colonial Pipeline</u>	
Street <u>1704 Tower Industrial DR</u>		Street <u>14108 Huntersville Concord Rd</u>	
Destination <u>Monroe, NC</u>		Origin <u>Huntersville, NC</u>	
Route: <u>485-74</u>		Zip Code <u>28110</u>	
Vehicle No. <u>TR-40</u>		SCAC	
Emergency Response Phone Number		Zip Code <u>28078</u>	

No. Shipping Units	+HM	Kind of Packaging, Description of Articles Special Marks and Exceptions	Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation with ordinary care. See Section 2(e) of National Motor Freight Classification, Item 360.	Weight (Subject to Correction)*	Rate or Class	CHARGES
1	X	Un 1993 Combustible liquids N.O.S. Contains Less than 10% Gasoline PG III ERG # 128		TT	5417	Gallons

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading state whether weight is "carrier's or shipper's weight".

REMIT
C.O.D. TO:
ADDRESSC.O.D.
Amt. \$C.O.D. FEE:
PREPAID ☐
COLLECT ☐ \$TOTAL
CHARGES: \$

Note—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

\$ _____ per _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement.
The carrier shall not make delivery of this shipment without payment of freight and all other charges.Michael Pinter

(Signature of Consignor)

FREIGHT CHARGES

Check Appropriate Box:

☐ Freight prepaid☐ Collect

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classifications in effect on the date hereof, if this is a rail or a rail-water shipment or (2) in the applicable motor carrier classification or tariff, if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Mark with "RD" if appropriate to designate Hazardous Materials as defined in the U.S. Department of Transportation Regulations governing the transportation of hazardous materials. The use of this column is an optional method for identifying hazardous materials on Bills of Lading per 172.201(a)(1) (iii) of Title 49 Code of Federal Regulations. Also when shipping hazardous materials, the shipper's certification statement prescribed in section 172.204(a) of the Federal Regulations, as indicated on the Bill of Lading does apply, unless a specific exception from the requirement is provided in the Regulation for a particular material.

SHIPPER

CPC

PER

Alan Hunt of US

1

This is to certify that the above named materials are properly classified, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the U.S. Department of Transportation.

The format and content of hazardous item list is the responsibility of individual company interpretation of requirements as described in 49 Code of Federal Regulations 172. Subpart C-Shipping Papers. Such description consists of the following per Sections 172.201 (Hazardous Material Table) and Sections 172.202 and 172.203: Proper shipping name, hazardous class, UN identification number, packing group, and subsidiary class(es).

CARRIER

MEI

PER

Mark Balowicz

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 United States Code, Sections 14706(c)(1)(A) and (B).

Carrier acknowledges receipt of packages and any required placards. Carrier certifies emergency response information was made available and/or carrier has the U.S. Department of Transportation emergency response guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted.

STRAIGHT BILL OF LADING - SHORT FORM

NOTICE: Shippers of hazardous materials must enter 24-hour emergency response telephone number under "Emergency Response Phone Number."

Original—Not Negotiable

Marion Environmental

Date

4/12/21

Bill of Lading No. 00043

Shipper No.

Carrier No. 65 DOT 900567

TO: Consignee Marion Environmental		FROM: Shipper Colonial Pipeline	
Street 1704 Tower Industrial DR		Street 14108 Huntersville Concord Rd	
Destination Monroe, NC		Zip Code 28110	Zip Code 28078
Route: 485-74		Vehicle No. TR-40	SCAC
No. Shipping Units	+HM	Kind of Packaging, Description of Articles Special Marks and Exceptions	Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation with ordinary care. See Section 2(e) of National Motor Freight Classification, Item 360.
1	X	Un 1993 Combustible liquids N.O.S. Contains Less than 10% Gasoline PG III ERG # 128	Weight (Subject to Correction)* TT
			Rate or Class 5417
			CHARGES Gallons

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading state whether weight is "carrier's or shipper's weight."

REMIT
C.O.D. TO:
ADDRESSC.O.D.
Amt. \$C.O.D. FEE:
PREPAID ☐
COLLECT ☐ \$

TOTAL

CHARGES: \$

Note—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

\$ _____ per _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement.

The carrier shall not make delivery of this shipment without payment of freight and all other charges.

Michael Pannett

(Signature of Consignor)

FREIGHT CHARGES

Check Appropriate Box:

☐ Freight prepaid☐ Collect

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classifications in effect on the date hereof, if this is a rail or a rail-water shipment or (2) in the applicable motor carrier classification or tariff, if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Mark with "RD" if appropriate to designate Hazardous Materials as defined in the U.S. Department of Transportation Regulations governing the transportation of hazardous materials. The use of this column is an optional method for identifying hazardous materials on Bills of Lading per 172.201(a)(1)(iii) of Title 49 Code of Federal Regulations. Also when shipping hazardous materials, the shipper's certification statement prescribed in section 172.204(a) of the Federal Regulations, as indicated on the Bill of Lading does apply, unless a specific exception from the requirement is provided in the Regulation for a particular material.

The format and content of hazardous item list is the responsibility of individual company interpretation of requirements as described in 49 Code of Federal Regulations 172, Subpart C-Shipping Papers. Such description consists of the following per Sections 172.201 (Hazardous Material Table) and Sections 172.202 and 172.203: Proper shipping name, hazardous class, UN identification number, packing group, and subsidiary class(es).

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 United States Code, Sections 14706(c)(1)(A) and (B).

SHIPPER *CPL*PER *Adam Harris ALA*

1

This is to certify that the above named materials are properly classified, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the U.S. Department of Transportation.

CARRIER

MEI

PER

MARC BAIKOWITZ

Carrier acknowledges receipt of packages and any required placards. Carrier certifies emergency response information was made available and/or carrier has the U.S. Department of Transportation emergency response guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted.

STRAIGHT BILL OF LADING - SHORT FORM

NOTICE: Shippers of hazardous materials must enter 24-hour emergency response telephone number under "Emergency Response Phone Number."

Date

4/13/21

Bill of Lading No. 00045

Original—Not Negotiable

Marion Environmental

(Name of Carrier)

Shipper No.

Carrier No. US DOT 900567

TO:

Consignee Marion Environmental

FROM:

Shipper Colonial Pipeline

Street 1704 Tower Industrial DR

Street 14108 Huntersville Concord Rd

Destination Monroe, NC

Zip Code 28110

Origin Huntersville, NC

Zip Code 28078

Route: 485-74

Vehicle No. TR-40

SCAC

Emergency Response
Phone Number

No. Shipping Units	+HM	Kind of Packaging, Description of Articles Special Marks and Exceptions	Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation with ordinary care. See Section 2(e) of National Motor Freight Classification, Item 360.	Weight (Subject to Correction)*	Rate or Class	CHARGES
1	X	UN 1993 Combustible liquids M.O.S. Contains Less than 10% Gasoline PG III ERG # 128		TT	3417	Gallons

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading state whether weight is "carrier's or shipper's weight".

REMIT
C.O.D. TO:
ADDRESS

C.O.D.
Amt. \$

C.O.D. FEE:
PREPAID ☐
COLLECT ☐ \$

TOTAL

CHARGES: \$

Note—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

\$ _____ per _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement.

The carrier shall not make delivery of this shipment without payment of freight and all other charges.

Marion B. Smith
(Signature of Consignor)

FREIGHT CHARGES

Check Appropriate Box:

☐ Freight prepaid☐ Collect

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classifications in effect on the date hereof, if this is a rail or a rail-water shipment or (2) in the applicable motor carrier classification or tariff, if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Mark with "RG" if appropriate to designate Hazardous Materials as defined in the U.S. Department of Transportation Regulations governing the transportation of hazardous materials. The use of this column is an optional method for identifying hazardous materials on Bills of Lading per 172.201(a)(1) (iii) of Title 49 Code of Federal Regulations. Also when shipping hazardous materials, the shipper's certification statement prescribed in section 172.204(a) of the Federal Regulations, as indicated on the Bill of Lading does apply, unless a specific exception from the requirement is provided in the Regulation for a particular material.

The format and content of hazardous item list is the responsibility of individual company interpretation of requirements as described in 49 Code of Federal Regulations 172, Subpart C-Shipping Papers. Such description consists of the following per Sections 172.201 (Hazardous Material Table) and Sections 172.202 and 172.203: Proper shipping name, hazardous class, UN identification number, packing group, and subsidiary class(es).

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 United States Code, Sections 14706(c (1)(A) and (B).

SHIPPER

CPC

CARRIER

MEX

PER

Adam Smith

PER

Marc Robinson II

1 This is to certify that the above named materials are properly classified, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the U.S. Department of Transportation.

Carrier acknowledges receipt of packages and any required placards. Carrier certifies emergency response information was made available and/or carrier has the U.S. Department of Transportation emergency response guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted

ORIGINAL — NOT NEGOTIABLE

USDOT900567

Carrier No. _____

Date 4/14/21

MARION ENVIRONMENTAL, INC.

Page 1 of 1

(Name of carrier)

(SCAC)

Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1.

MARION ENVIRONMENTAL INC.

insignee

1704 TOWER INDUSTRIAL DRIVE

reer

ty **MONROE** State **NC** Zip Code **28110**

FROM: COLONIAL PIPELINE PIPELINE
Shipper

Street 14100 HUNTERSVILLE CONCORD ROAD

City HUNTERSVILLE State NC Zip Code 28078

24 hr. Emergency Contact Tel. No.

ute

MEI PROJECT # 211292

Vehicle Number 40

PLACARDS TENDERED: YES ☐ NO ☒REMIT
C.O.D. TO:
ADDRESS:

COD

Amt: \$

C.O.D. FEE:
PREPAID ☐
COLLECT ☐

TOTAL CHARGES	\$
----------------------	-----------

FREIGHT CHARGES	
Freight	1.00
Insurance	0.00
Warehouse	0.00
Handling	0.00
Other	0.00
Total	1.00

FREIGHT PREPAID Check box if charges
except when box at right is checked ☐ are to be collected

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Michael Smith Signature

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to de-

lination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER COLONIAL PIPELINE COMPANY

CARRIER MARION ENVIRONMENTAL INC

PER

PER

DATE 4/14/21

Shipper No. 00050

Carrier No. USDOT900567Page 1 of 1

MARION ENVIRONMENTAL, INC.

Date 4/15/21

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1.

TO: _____
Consignee **MARION ENVIRONMENTAL INC.**

Street 1704 TOWER INDUSTRIAL DRIVE

City	MONROE	State	NC	Zip Code	28110
------	--------	-------	----	----------	-------

FROM: Shipper COLONIAL PIPELINE PIPELINE

Street 14108 HUNTERSVILLE CONCORD ROAD

City HUNTERSVILLE State NC Zip Code 28078

24 hr. Emergency Contact Tel. No. 800 926 2728

Route	MEI PROJECT # 211292				Vehicle Number	40
-------	----------------------	--	--	--	----------------	----

[illegible]

PLACARDS TENDERED: YES ☐ NO ☒

REMIT
C.O.D. TO:
ADDRESS

COD	Amt: \$
------------	---------

C.O.D. FEE:
PREPAID ☐
COLLECT ☐ \$

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TOTAL CHARGES		\$
FREIGHT CHARGES		
FREIGHT PREPAID except when box at right is checked	Check box if charges are to be collect	☐

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____.

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.

(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Michael Banta Signature

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to des-

tion and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER COLONIAL PIPELINE COMPANY

CARRIER	MARION ENVIRONMENTAL INC
---------	--------------------------

PER Adam Harris *AKB*
4-15-21

PER	MARC BROWN II
DATE	4.15.21

STYLE CF375-4 © 2012 LABELMASTER® (800) 621-5808 www.labelmaster.com

1

1

1

Shipper No. 000 57

Carrier No. USDOT900567

Date 4/17/21

MARION ENVIRONMENTAL, INC.

(Name of carrier)

(SCAC)

Page 1 of 1

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1.

TO: Consignee **MARION ENVIRONMENTAL INC.**

Street 1704 TOWER INDUSTRIAL DRIVE

City **MONROE** State **NC** Zip Code **28110**

FROM:
Shipper COLONIAL PIPELINE PIPELINE

Street 14108 HUNTERSVILLE CONCORD ROAD

City **HUNTERSVILLE** State **NC** Zip Code **28078**

24 hr. Emergency Contact Tel. No. 800-926-2728

Route

MEI PROJECT # 211292

Vehicle Number TR-40

[illegible]PLACARDS TENDERED: YES ☐ NO ☒

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."

(2) Where the applicable provisions specify a limitation of the carrier's liability absent release or value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC item 172.

(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(a) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations.

Signature _____

REMIT
C.O.D. TO:
ADDRESS

Amt: \$

C.O.D. FEE: _____
 PREPAID ☐
 COLLECT ☐ \$ _____

TOTAL CHARGES	\$
----------------------	----

FREIGHT CHARGES

FREIGHT PREPAID except when box at right is checked	Check box if charges are to be collected
☐	☐

(Signature of Consignor)

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to des-

tion and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER COLONIAL PIPELINE COMPANY

CARRIER MARION ENVIRONMENTAL INC

PER

PER

DATE _____

Shipper No. 00058

Carrier No. USDOT900567

Page 1 of 1

MARION ENVIRONMENTAL, INC.

Date 4/19/21

(Name of carrier)

(SCAC)

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1.

TO:

Consignee **MARION ENVIRONMENTAL INC.**

Street 1704 TOWER INDUSTRIAL DRIVE

City **MONROE** State **NC** Zip Code **28110**

FROM:

Shipper COLONIAL PIPELINE PIPELINE

Street 14108 HUNTERSVILLE CONCORD ROAD

City **HUNTERSVILLE** State **NC** Zip Code **28078**

24 hr. Emergency Contact Tel. No. 000 706 2728

Route MEI PROJECT # 211292

Vehicle Number **40**

[illegible]PLACARDS TENDERED: YES ☐ NO ☐REMIT
C.O.D. TO:
ADDRESS

COD

Amt: \$

C.O.D. FEE: ☐
PREPAID ☐
COLLECT ☐

TOTAL CHARGES	\$
----------------------	----

FREIGHT CHARGES	
-----------------	--

FREIGHT PREPAID Check box if charges
except when box at are to be
right is checked ☐ collect

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release of value declaration by the shipper and the shipper does not release the carrier's liability to declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.

(3) Commodities requiring special or additional care or attention in handling or stowing must be marked and packaged as to ensure safe transportation. See Section 2(a) of the Tariff, B. Method of Lading, and Section 2(a) of the Tariff, C. Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

M. J. Smith Signature

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to de-

tion and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER COLONIAL PIPELINE COMPANY

CARRIER	MARION ENVIRONMENTAL INC
---------	--------------------------

PER *Adam Harris* *AK*

PER Major Robert E. Smith

DATE 4/19/21

STYLING: J. G. 0010 LABELMASTER® 1000 001 5000

STYLE CF375-4 © 2012 LABELMASTER® (800) 621-5808 www.labelmaster.com

1

1

Shipper No. 00063

Carrier No. USDOT900567

Date 4/20/21

MARION ENVIRONMENTAL, INC.

Page 1 of 1

(Name of carrier)

(SCAC)

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec. 1.

TO: Consignee **MARION ENVIRONMENTAL INC.**

Street 1704 TOWER INDUSTRIAL DRIVE

City **MONROE** State **NC** Zip Code **28110**

FROM:

Shipper COLONIAL PIPELINE PIPELINE

Street 14108 HUNTERSVILLE CONCORD ROAD

City **HUNTERSVILLE** State **NC** Zip Code **28078**

24 hr. Emergency Contact Tel. No. _____

Route

MEI PROJECT # 211292

Vehicle Number 38

PLACARDS TENDERED: YES ☐ NO ☒REMIT
C.O.D. TO:
ADDRESS

COD

Amt: \$

C.O.D. FEE:
PREPAID ☐
COLLECT ☐

TOTAL CHARGES	\$
----------------------	----

FREIGHT CHARGES

FREIGHT PREPAID ☐ Check box if charges
except when box at are to be
right is checked collect

Signature _____

(Signature of Consignor)

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to des-

tion and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER COLONIAL PIPELINE COMPANY

CARRIER MARION ENVIRONMENTAL INC

PER Eddie Henderson For ^{HOAM} HARRIS

PER Zach Ewton

DATE 4/20/21

Permanent post-office address of shipper.



STYLE CF375-4 © 2012 LABELMASTER® (800) 621-5808 www.labelmaster.com

1

1

Shipper No. 00067

Carrier No. USDOT900567

Date 4/21/21

(SCAC)

COLONIAL PIPELINE PIPELINE

Street 14108 HUNTERSVILLE CONCORD ROAD

City **HUNTERSVILLE** State **NC** Zip Code **28078**

24 hr. Emergency Contact Tel. No. 000 726 2128

Vehicle Number 38

PLACARDS TENDERED: YES ☐ NO ☒

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

DATE 4/21/2

1

STYLE CF375-4 © 2012 LABELMASTER® (800) 621-5808 www.labelmaster.com

Shipper No. 00068

Carrier No. USDOT900567

Date 4/21/21

Page 1 of 1

MARION ENVIRONMENTAL, INC.

(Name of carrier)

(SCAC)

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec. 1.

TO: Consignee **MARION ENVIRONMENTAL INC.**

Street 1704 TOWER INDUSTRIAL DRIVE

City **MONROE** State **NC** Zip Code **28110**

FROM:

COLONIAL PIPELINE PIPELINE

Street 14108 HUNTERSVILLE CONCORD ROAD

City **HUNTERSVILLE** State **NC** Zip Code **28078**

24 hr. Emergency Contact Tel. No. 800 926 2728

Route

MEI PROJECT # 211292

Vehicle Number 40

PLACARDS TENDERED: YES ☐ NO ☒REMIT
C.O.D. TO:
ADDRESS

COD

Amt: \$

C.O.D. FEE:
PREPAID ☐
COLLECT ☐

TOTAL CHARGES	\$
----------------------	----

FREIGHT CHARGES	
------------------------	--

FREIGHT PREPAID except when box at right is checked ☐ Check box if charges are to be collected

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Signature

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of bill or any of, said property over all or any portion of said route to

tion and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER COLONIAL PIPELINE COMPANY

CARRIER MARION ENVIRONMENTAL INC

PER

PER

DATE _____

4/21/21

Permanent post-office address of shipper.


PRINTED ON RECYCLED PAPER

100% RECYCLED PAPER

STYLE CF375-4 © 2012 LABELMASTER® (800) 621-5808 www.labelmaster.com

1

1

1

CTD/E 050354-1 © 2010

1

1

Table 8
Summary of Liquids Shipped to HCC
(March 24, 2021 - April 30, 2021)

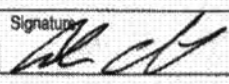
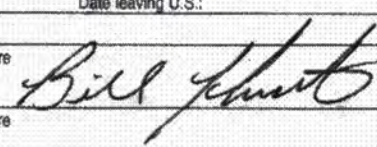
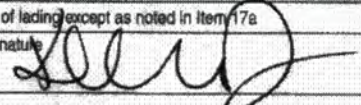
Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

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 - April 30, 2021)

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

Date	Gallons	Manifest No.	Manifest Previously Provided
4/23/2021	5,024	139108	
4/23/2021	5,259	139105	
4/24/2021	5,125	139159	
4/24/2021	5,076	139115	
4/24/2021	5,125	139150	
4/24/2021	5,022	139149	
4/26/2021	4,964	139157	
4/26/2021	5,010	139158	
4/26/2021	5,020	139160	
4/26/2021	5,084	139156	
4/26/2021	5,029	139154	
4/27/2021	5,024	139179	
4/27/2021	5,180	139182	
4/27/2021	5,122	139180	
4/27/2021	4,847	139183	
4/28/2021	5,173	139192	
4/28/2021	5,129	139188	
4/28/2021	5,175	139151	
4/28/2021	5,300	139193	
4/28/2021	4,664	139200	
Total	101,352		

BILL OF LADING		1. Shipper ID Number NCVSQG		2. Page 1 of	3. Emergency Response Phone (800) 814-1204		4. Tracking Number CES 139108		
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	9. Shipping Name and Description		10. Containers		11. Total Quantity		12. Unit		
			No. Type		Quantity		WL/Vol.		
	1. NA 1993 Combustible liquid, nos (contains less than Non-RCRA, Non-DOT Regulated Material, (PCW) 10x 5-gal/17e comb liq, III ERL #128		1 TT		5024 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 # TR-18 Emergency Response Guide Site arrival time 4:45 Site departure time 10:30 www.covanta.com									
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.									
Shipper's/Officer's Printed/Typed Name Steve Harris					Signature 		Month Day Year 4 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 Bill Johnston					Signature 		Month Day Year 4 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 Maline Davis					Signature 		Month Day Year 4 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

139105

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

1. X NA1993, Combustible liquid, n.o.s., (Contains less than 10% Gasoline),
Comb liq, III, ERG# 128

10. Containers

No.

Type

11. Total
Quantity

12. Unit
Wt./Vol.

1

TT

5059
5425

G

PLACARD?

YES ☐ NO ☒

PLACARD?

YES ☐ NO ☐

PLACARD?

YES ☐ NO ☐

PLACARD?

YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5007693 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/Origin'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

BILL OF LADING		1. Shipper ID Number NCVSQG		2. Page 1 of	3. Emergency Response Phone (800) 814-1204		4. Tracking Number CES 139159	
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 WL/Vol.
					No.	Type		
	1.	X NA1993, Combustible liquid, n.o.s., (Contains 81% 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>Adam Harris</i>					Signature <i>Adam Harris</i>		Month 4	Day 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>James Prather</i>					Signature <i>James Prather</i>		Month 4	Day 24
Transporter 2 Printed/Typed Name					Signature		Month	Day
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>Hatim Davis</i>					Signature <i>Hatim Davis</i>		Month 4	Day 24

50195472

BILL OF LADING

1. Shipper ID Number

NCVSQG

2. Page 1 of

3. Emergency Response Phone

(800) 814-1204

4. Tracking Number

CES 139115

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 Address

9. Shipping Name and Description

1. X NA1993, Combustible liquid, n.o.s. (Contains 10% Gasoline)
Non-RCRA, Non-DOT Regulated Material, (PCW)
III, ERL #128 Comb liq.

10. Containers

No.

Type

11. Total Quantity

12. Unit Wt./Vol.

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 Guide Or
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
4 24 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

Bill Johnston

Signature

Bill Johnston

Month Day Year
4 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 17c

Printed/Typed Name

Kaline Davis

Signature

Kaline Davis

Month Day Year
4 24 21

50195479

BILL OF LADING

1. Shipper ID Number

NCVSQG

2. Page 1 of

3. Emergency Response Phone

(800) 814-1704

4. Tracking Number

CES

139150

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

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

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 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

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of 1	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 139149
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 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
		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/Owner's Printed/Typed Name: Adam Harris Signature: <i>[Signature]</i> Month: 4 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: CORBY TUCKER Signature: <i>[Signature]</i> Month: 4 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) _____ 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: holene Davis Signature: <i>[Signature]</i> Month: 4 Day: 29 Year: 21					

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES	139157
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	4110 G	PLACARD? YES ☐ NO ☐
	2.				4904	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 <i>Adam Harris</i>		Signature <i>Adam Harris</i>		Month Day Year 4 26 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 <i>James Brother</i>		Signature <i>James Brother</i>		Month Day Year 4 26 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)						
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 4 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 139158
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 8&t;10% Gasoline), Comb liq. III, ERG# 128	1 TT	512 G	5010
	2.				
	3.				
	4.				
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PQ#: 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>Adam Harris</i>			Signature <i>Adam Harris</i>		Month Day Year 4 26 21
INTL	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			Signature	Month Day Year
	Transporter 2 Printed/Typed Name <i>Bill Johnston</i>			Signature <i>Bill Johnston</i>	Month Day Year 4 26 21
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>Kathleen Davis</i>			Signature <i>Kathleen Davis</i>		Month Day Year 4 26 21

SHIPPER

50195565

3. Emergency Response Phone
(800) 814-1204

4. Tracking Number
CES 139156

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:

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
50840 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-19**
Emergency Response Guide On
Site arrival time **11:45 AM**
Site departure time **12:58**
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

4 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

Bill Johnston

Bill Johnston

4 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

Malinda Davis

Malinda Davis

4 26 21

SHIPPER

INTL

TRANSPORTER

DESIGNATED CONSIGNEE

50195477

BILL OF LADING

1. Shipper ID Number

NCVSQG

2. Page 1 of

3. Emergency Response Phone

(800) 814-1204

4. Tracking Number

CES

139154

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 WL/Vol.

1.

X NA1993, Combustible liquid, n.o.s., (Contains 81% Gasoline), Comb liq, III, ERG# 128

1

TT

5125 G

5029

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

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

Adam Harris

Adam Harris

4 26 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

Signature

Month Day Year

James Prother

James Prother

4 26 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:

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

Signature

Month Day Year

Kalinda Davis

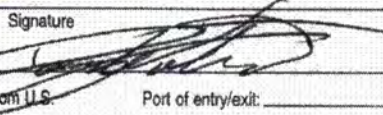
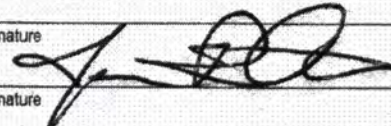
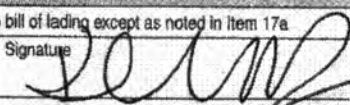
Kalinda Davis

4 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 139179
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. NA1993, Combustible liquid, n.o.s., (Contains 84% Gasoline), Comb liq, III, ERG# 128	1	TT	5076	G
				5024	
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 7:00 AM 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>Adam Harris</i>		Month Day Year 4 27 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 <i>Bill Johnston</i>			Signature <i>Bill Johnston</i>	
	Transporter 2 Printed/Typed Name			Signature	
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 17					
Printed/Typed Name <i>Kaline Davis</i>			Signature <i>Kaline Davis</i>		Month Day Year 4 27 21

SHIPPER

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 139180	
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	5076 G	PLACARD? None YES ☐ NO ☐
		2.			5122	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-b Site arrival time 12:55 PM Site departure time 1:45 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 4 Day 27 Year 21						
INTL	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		Signature		Month Day Year	
	Bill Johnston		<i>Bill Johnston</i>		4 27 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 17c						
Printed/Typed Name Signature Month Day Year						
Kaline Davis <i>Kaline Davis</i> 4 27 21						

BILL OF LADING		1. Shipper ID Number NCVSQG		2. Page 1 of		3. Emergency Response Phone (800) 814-1204		4. Tracking Number CES 139183			
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 WL/Vol.	
						No. Type					
1. X NA1993, Combustible liquid, n.o.s., (Contains 84% Gasoline), Comb liq, III, ERG# 128 2. 3. 4.						1 TT 5011 G 4847		5011 G 4847		PLACARD? None YES ☐ NO ☐	
										PLACARD?	
										PLACARD?	
										PLACARD?	
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: Henry Wooten Signature:  Month: 4 Day: 27 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: James Prather Signature:  Month: 4 Day: 27 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: Kaline Davis Signature:  Month: 4 Day: 27 Year: 21											

COVANTA

Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

50196103

BILL OF LADING

1. Shipper ID Number

NCVSQG

2. Page 1 of

3. Emergency Response Phone

(800) 814-1204

4. Tracking Number

CES

139192

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

1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128

10. Containers

No. Type

11. Total Quantity

12. Unit Wt./Vol.

5125 G
51730

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

4 28 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

4 28 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

4 28 21

www.Covanta.com

SHIPPER

RD-40 TR-18

50195474

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 139188	
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		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 5129	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 Site arrival time 7:00 AM Site departure time 10:00 www.covanta.com								
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper/Operator's Printed/Typed Name Alan Adams Signature Alan Adams Month 4 Day 28 Year 21								
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):							
	16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Bill Johnston Signature Bill Johnston Month 4 Day 28 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 Kalene Davis Signature Kalene Davis Month 4 Day 28 Year 21								

COVANTA
Environmental
Solutions

RD-40 TR18

50195693

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-8792 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 139151	
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	5676 G		PLACARD? YES ☐ NO ☒
		2.					5175		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 1:50 PM Site departure time 2:40 www.covanta.com									
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's/Officer's Printed/Typed Name <u>Barry Warden</u> Signature <u>[Signature]</u> Month <u>4</u> Day <u>28</u> Year <u>21</u>									
INTL	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 <u>Bill Johnston</u> Signature <u>Bill Johnston</u> Month <u>4</u> Day <u>28</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>Kalene Davis</u> Signature <u>[Signature]</u> Month <u>4</u> Day <u>28</u> Year <u>21</u>								

COVANTA
Environmental
Solutions

Corporate Office
5300 N 33rd St. • Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

50196106

4. Tracking Number **CES 139193**

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 5125 G 5300 @

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/Originator'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

Transporter 2 Printed/Typed Name

Transporter 2 Printed/Typed Name

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

Signature

Month Day Year

www.Covanta.com

SHIPPER

COVANTA

Environmental Solutions

50196345

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-942-9792 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 139200
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
			No.	Type	12. Unit Wt./Vol.
	1.	X NA1993, Combustible liquid, n.o.s., (Contains &lt;10% Gasoline), Comp liq. III, ERG# 128	1	TT	4900 4664
	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 # 33 Emergency Response Guide Site arrival time 2:00 Site departure time 5:00 www.covanta.com					
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.					
Shipper's/Officer's Printed/Typed Name [Signature]			Signature [Signature]		Month Day Year
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 Jose J. Jaramila		Signature [Signature]		Month Day Year 4 28 21
	Transporter 2 Printed/Typed Name		Signature [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 Kathleen Davis			Signature [Signature]		Month Day Year 4 28 21