



Colonial Pipeline Company

Jeff D. Morrison
Environmental Program Manager

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April 30, 2021

To: Dan Bowser, et al.

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

Dear Dan,

Colonial Pipeline Company (Colonial) is pleased to transmit the required Monthly Monitoring Report for April 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

April 30, 2021

Apex Job No.: CPC20126

Prepared for:

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

Prepared by:

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(dba Maryland Apex Engineering, PC)
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Prepared By:

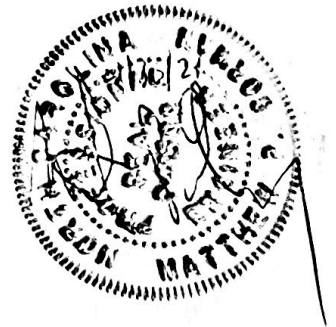
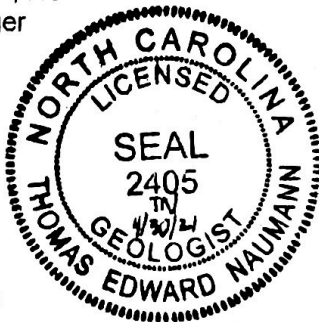
A handwritten signature in cursive script, appearing to read 'Andrew Street'.

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

Reviewed By:

A handwritten signature in cursive script, appearing to read 'Tom Naumann'.

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



**Matt Gorman, PE
Program Manager
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1.0 INTRODUCTION

This Monthly Monitoring Report (MMR) presents the results of the soil sampling, groundwater monitoring, surface water monitoring, and free product recovery performed at the Colonial Pipeline Company (CPC) Huntersville-Concord Road (State Road 2448 [SR 2448]) pipeline release site located near Huntersville, Mecklenburg County, North Carolina (the Site). An Initial Assessment Report was submitted to the North Carolina Department of Environmental Quality (NCDEQ) on 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, and March 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 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 by the NCDEQ-assigned Incident Number, Incident 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 area and South Prong Clarke Creek is located approximately 2,700 feet south of the release area, 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 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 March 31, 2021 to facilitate gauging of the monitoring and recovery well network under steady state conditions on April 1, 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 April 23, 2021, 96 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 April 5 – April 9, 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, and C5-C8 Aliphatics 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, and dibromochloromethane 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, CPC will continue sampling residential WSWs within 1,500 feet of the release site.

One water supply well was abandoned during the reporting period. The well abandonment form is 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 area and South Prong Clarke Creek is located approximately 2,700 feet south of the release area, 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 area. 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 been non-detect for the petroleum constituents analyzed. 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 area 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 CAP for Incident No. 95827.

6.2 Free Product Recovery Activities

A total of 62 vacuum enhanced recovery wells and 56 hydraulic control wells have been installed within the release area (**Figure 18**). Pneumatic recovery pumps are operated in the wells and vacuum is applied to the wells to enhance recovery. As of April 27, 2021, approximately 984,768 gallons of gasoline free product and approximately 1,347,610 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 (2,883 gallons), and from the recovery well network is approximately 1,080,854 gallons. Recovered free product was transported for reprocessing to Midwest Gas Company located in Columbus, Ohio and CPC's 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, and Marion Environmental of Monroe, North Carolina for processing. Copies of bills of lading and waste manifests covering the March 2021 period are provided in **Appendix F**.

8.0 CONCLUSIONS

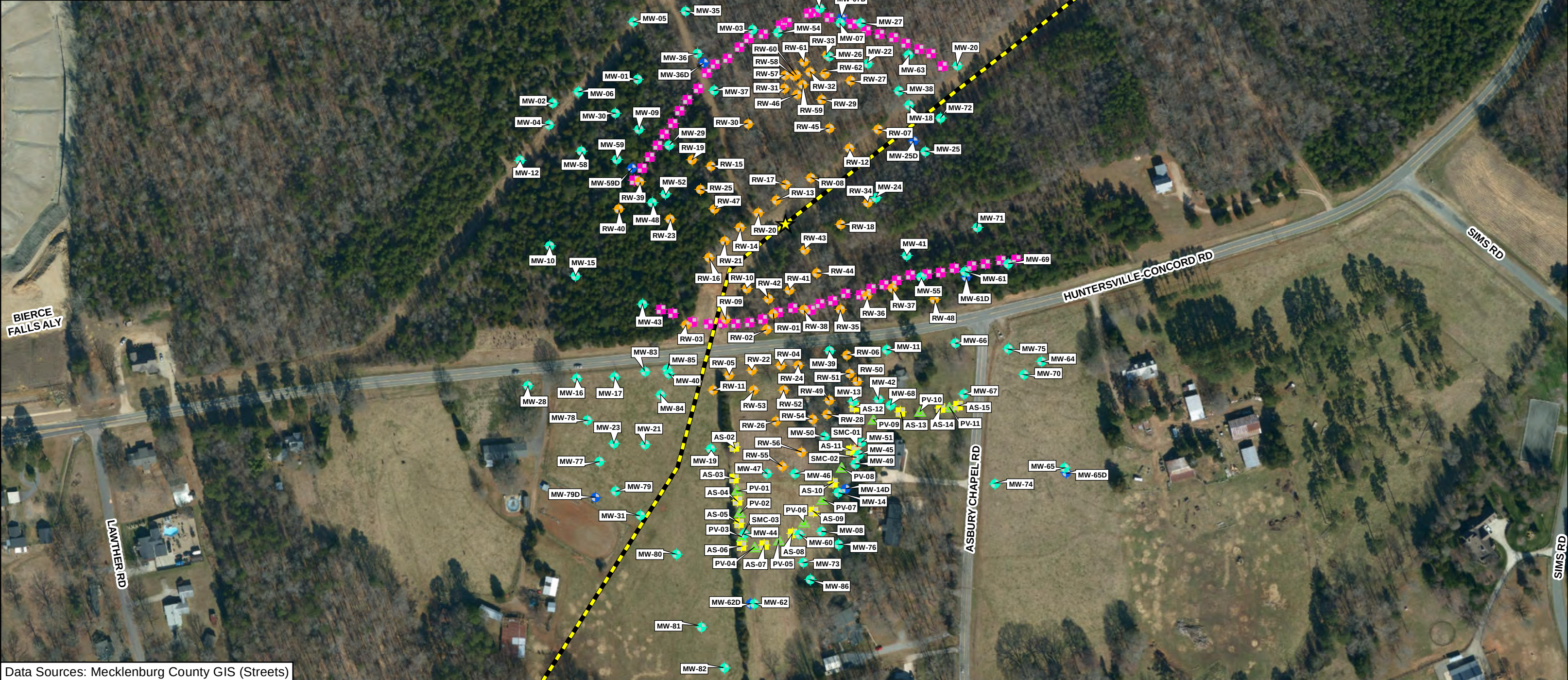
A total of 240 wells (96 monitoring wells, 62 recovery wells, 56 hydraulic control wells, and 25 air sparge system wells) were installed at the Site between August 27, 2020 and April 23, 2021. Detections of lead, bromodichloromethane, and dibromochloromethane are not attributed to Incident No. 95827. **Figure 9** through **Figure 17**, depict the horizontal and vertical extent of dissolved phase petroleum impacts, based on the April 2021 groundwater sampling results. Weekly WSW sampling and bi-weekly surface water sampling continue to show no petroleum constituents. Free product recovery activities continue. As per NCDEQ's Notice of Violation 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



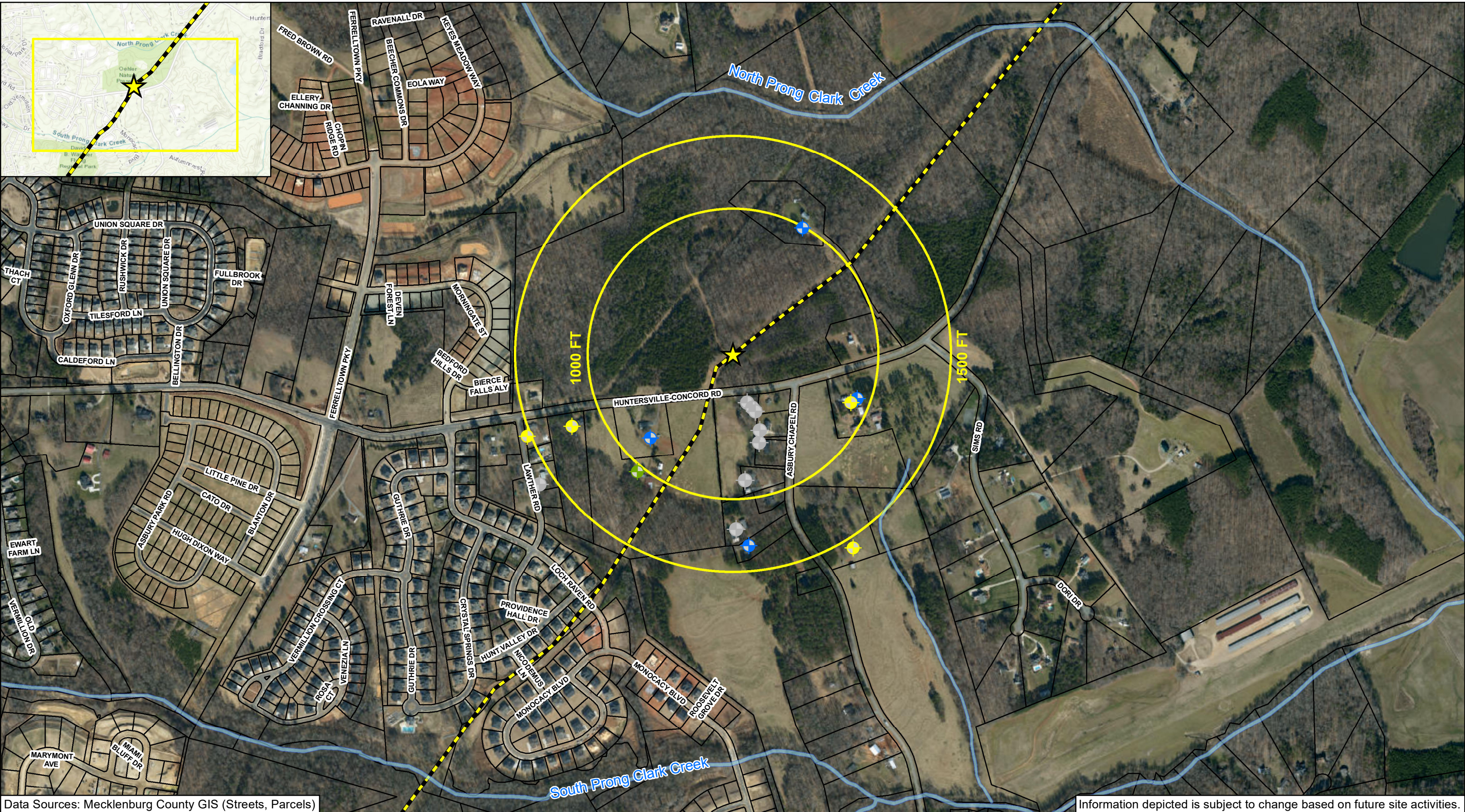
Data Sources: US Geological Survey (Elevation Products)

	Checked By:	AS	Site Location Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 04008001,6002,400 Feet	Figure	 
	Created By:	JC		1	
	Scale:	1 " = 750 FT		 Release Site	
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Data Sources: Mecklenburg County GIS (Streets)

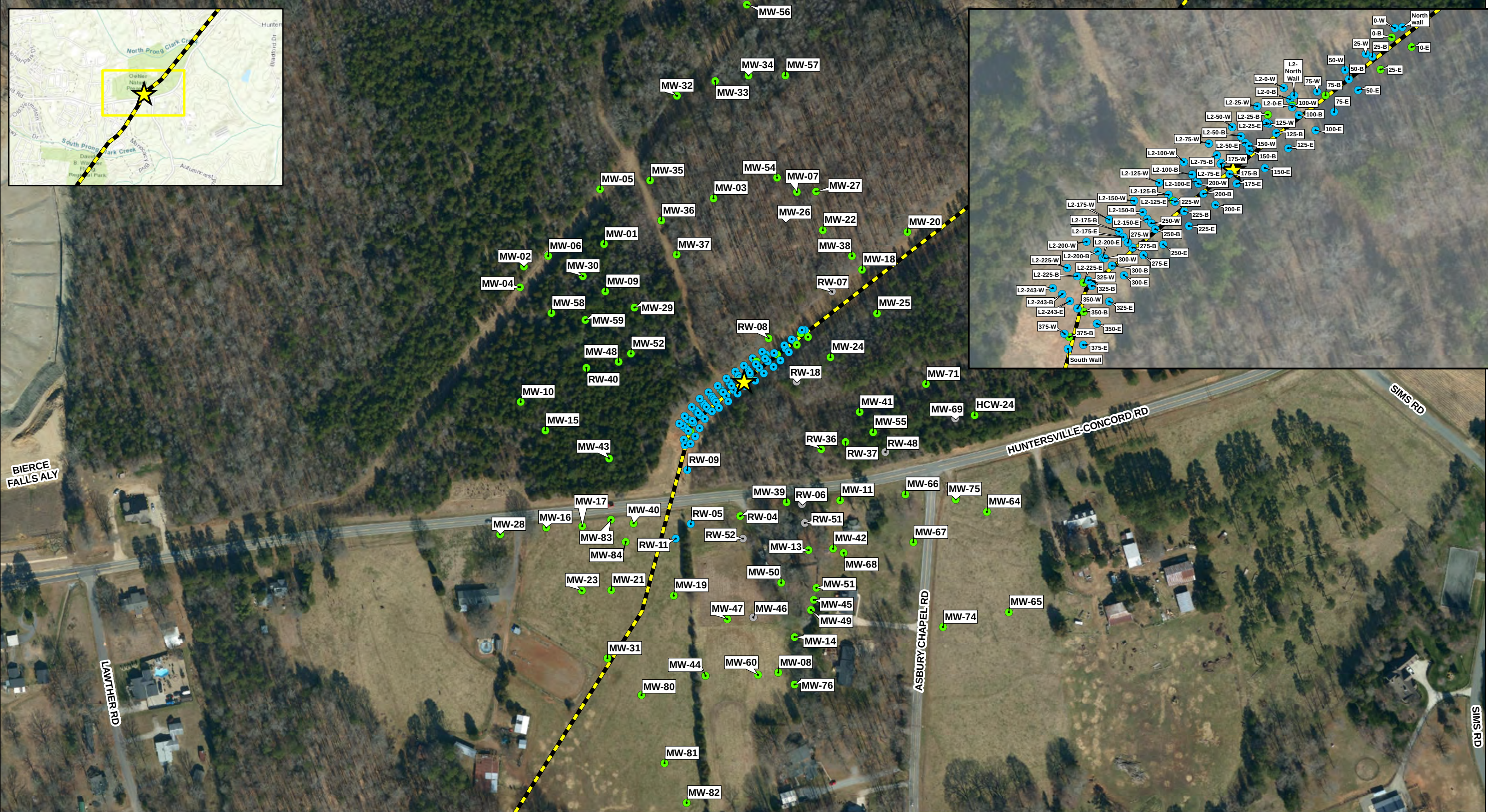
	Checked By:	KP	Site Plan Colonial Pipeline Company 2020-L1-SR2448 Release Huntersville, North Carolina	Release Site Pipeline	Monitoring Well Monitoring Well (Bedrock) Recovery Well Hydraulic Control Well	Air Sparge Vapor Point Piezometer			FIGURE 2
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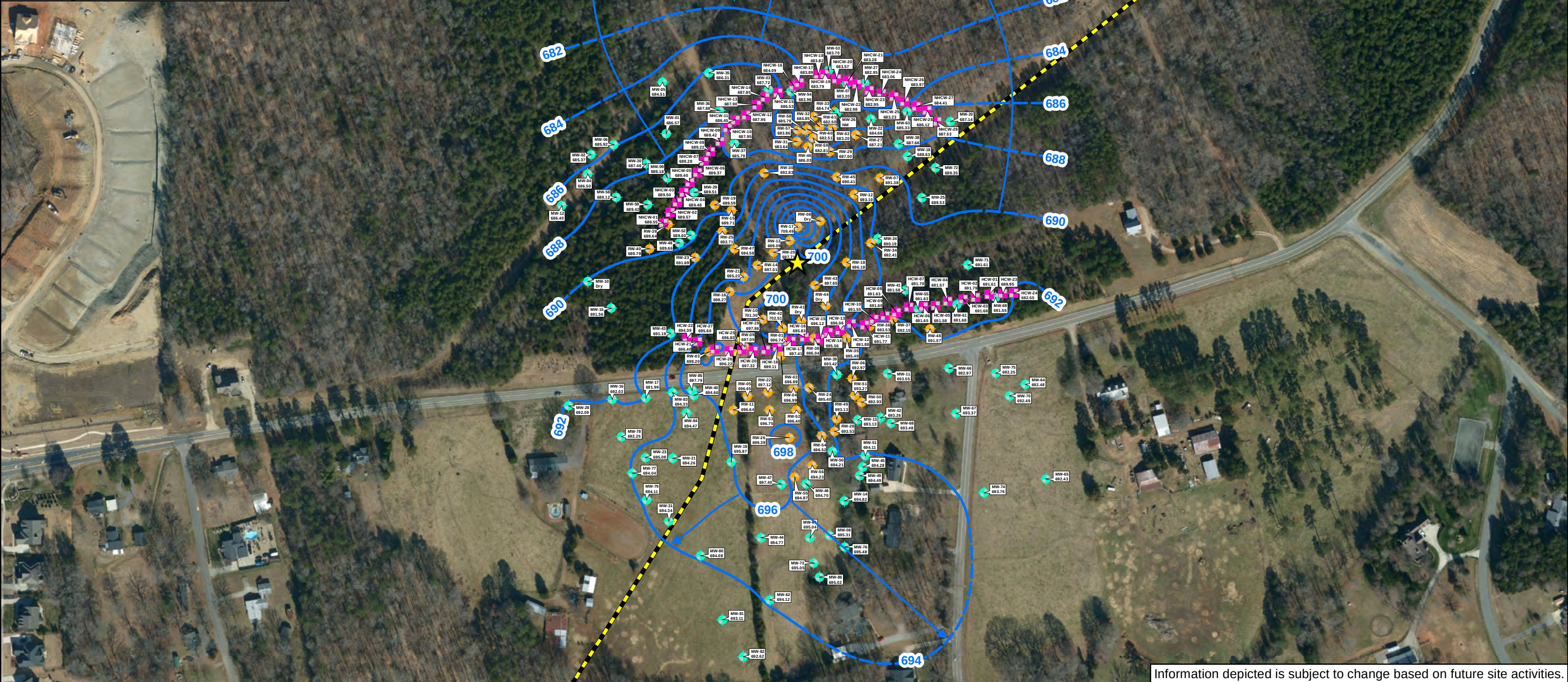
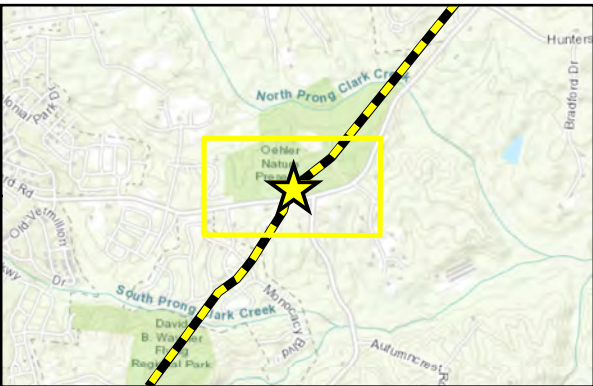
Data Sources: Mecklenburg County GIS (Streets, Parcels)

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

	Checked By:	--	Potential Receptor Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 0 600 1,200 1,800 Feet			Release Site	Pipeline	Parcel Boundaries	Water Supply Well (Potable Use)	Water Supply Well (Abandoned)	Water Supply Well (Non-Potable Use)	Water Supply Well (Inactive Use)			FIGURE 3
	Created By:	BM													
	Scale:	1" = 600 FT													
	Date/Time:	04/30/2021; 12:19													
	Project No.:	CPC20126													
Notes: Only wells within 1,500 feet of release site are shown.															

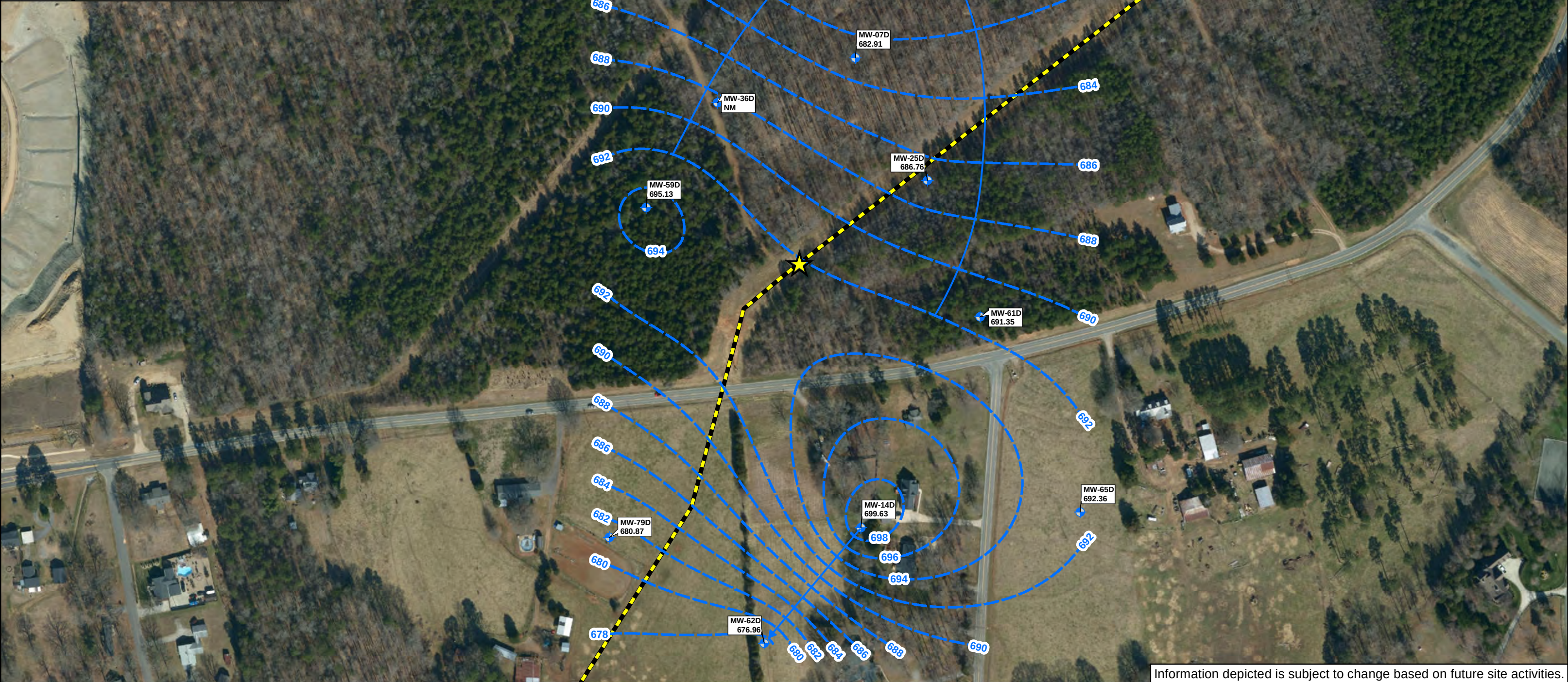
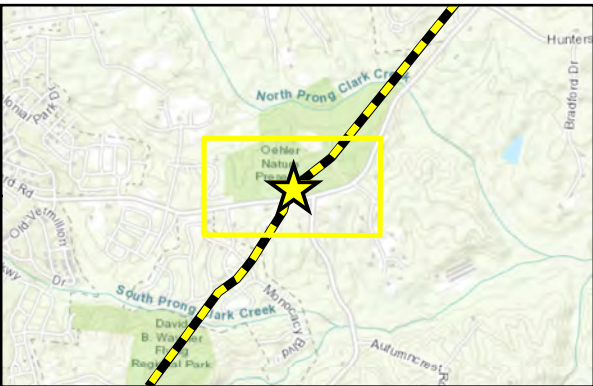


Data Sources: Mecklenburg County GIS (Streets)			Information depicted is subject to change based on future site activities.			
	Checked By:	--	Pipeline Excavation and Delineation Soil Sampling Results Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 0 200 400 600 Feet		Release Site Pipeline	Below Maximum Soil Contaminant Concentration Levels (MSCCs) Exceeds Maximum Soil Contaminant Concentration Levels (MSCCs) Soil Sample Collected at or Below the Saturate Interval
	Created By:	KJ				
	Scale:	1 " = 200 FT				
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	Project No.:	CPC20126				
			Notes: See Table 1 and Table 2 for detailed results.			
					FIGURE 4	



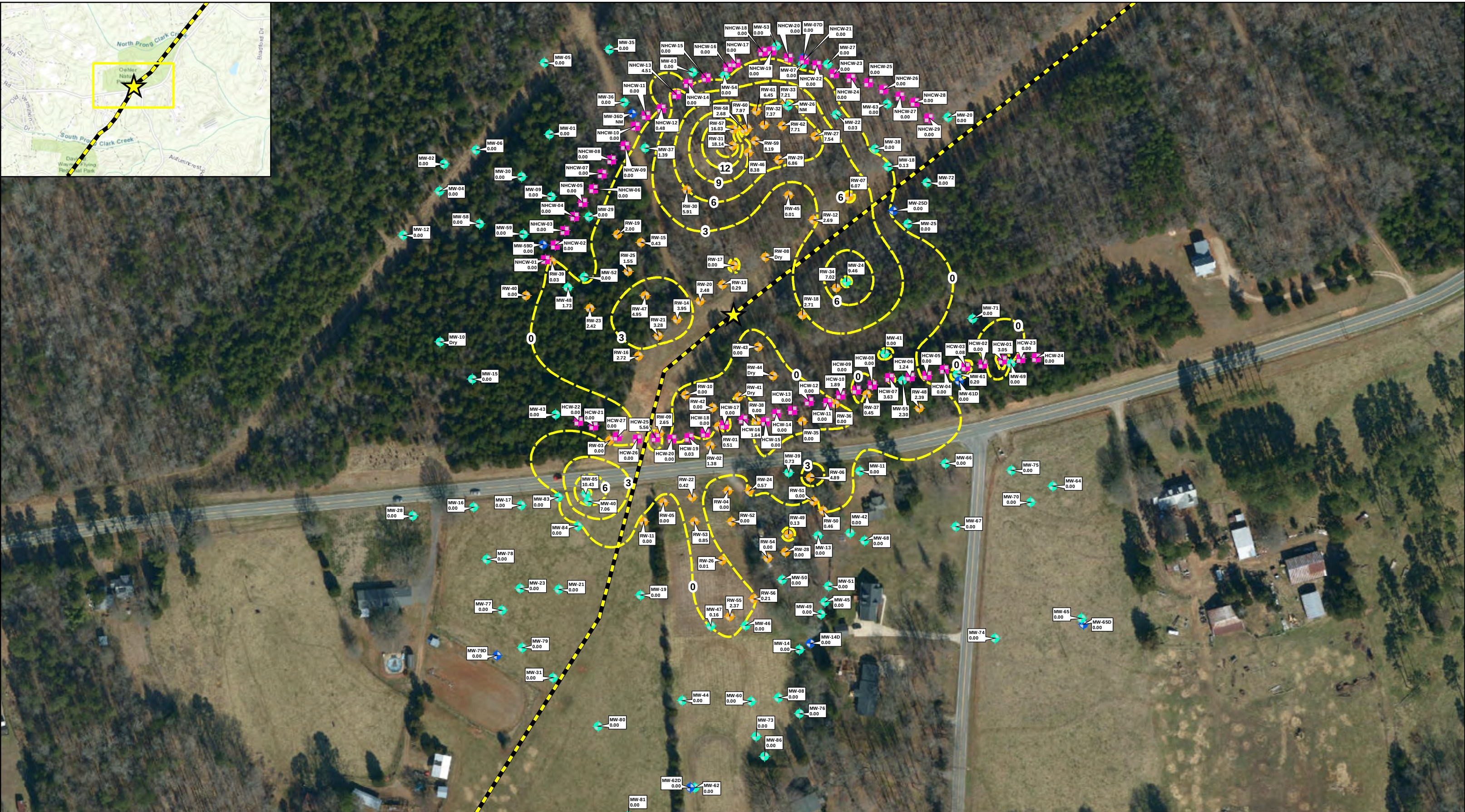
Information depicted is subject to change based on future site activities.

	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:	JC						
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	Project No.:	CPC20126						
			NOTES: Contours based on well gauging data collected 04/01/2021; 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/-41/-44 (Dry); Contours interpolated using Surfer (Kriging)					

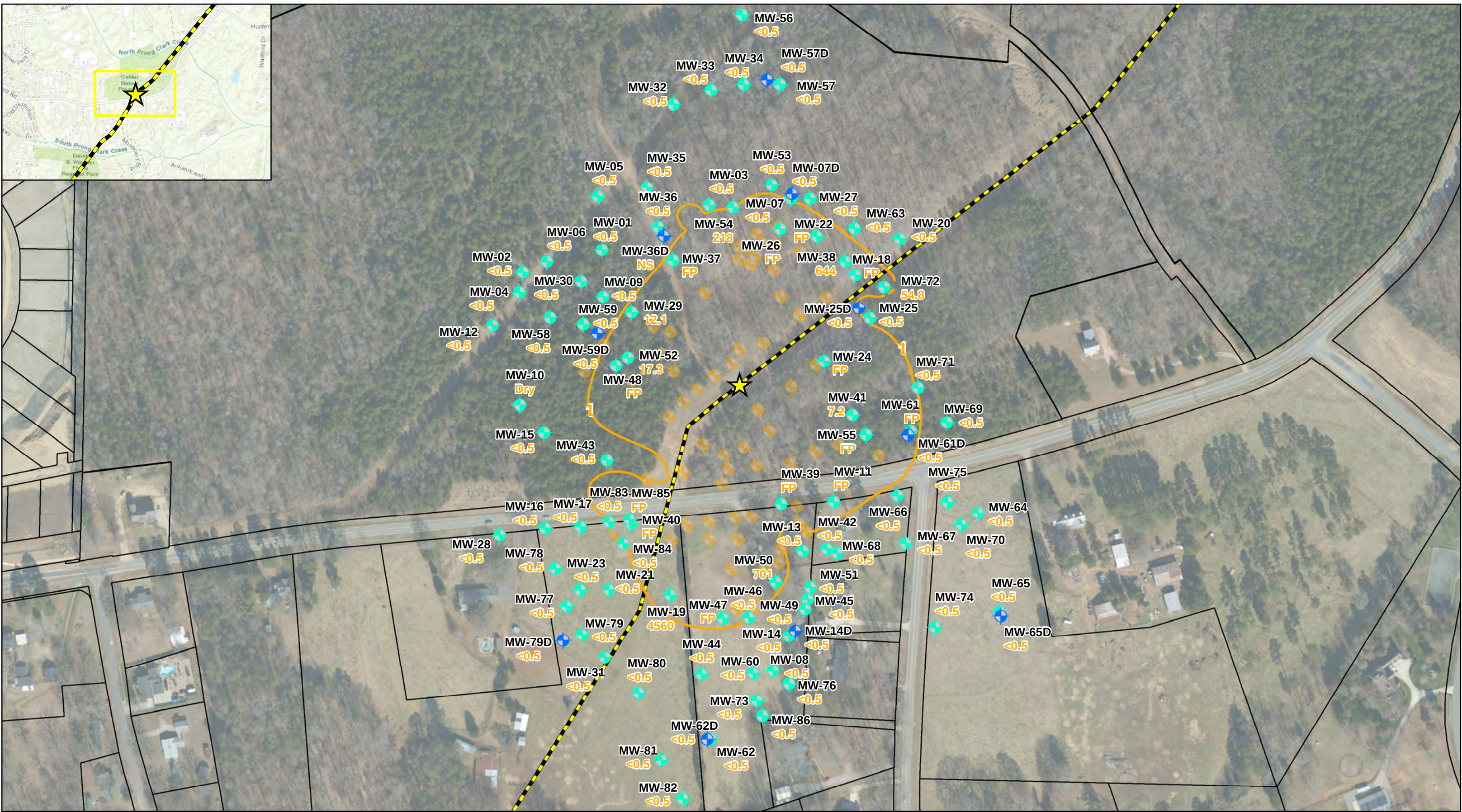


Information depicted is subject to change based on future site activities.

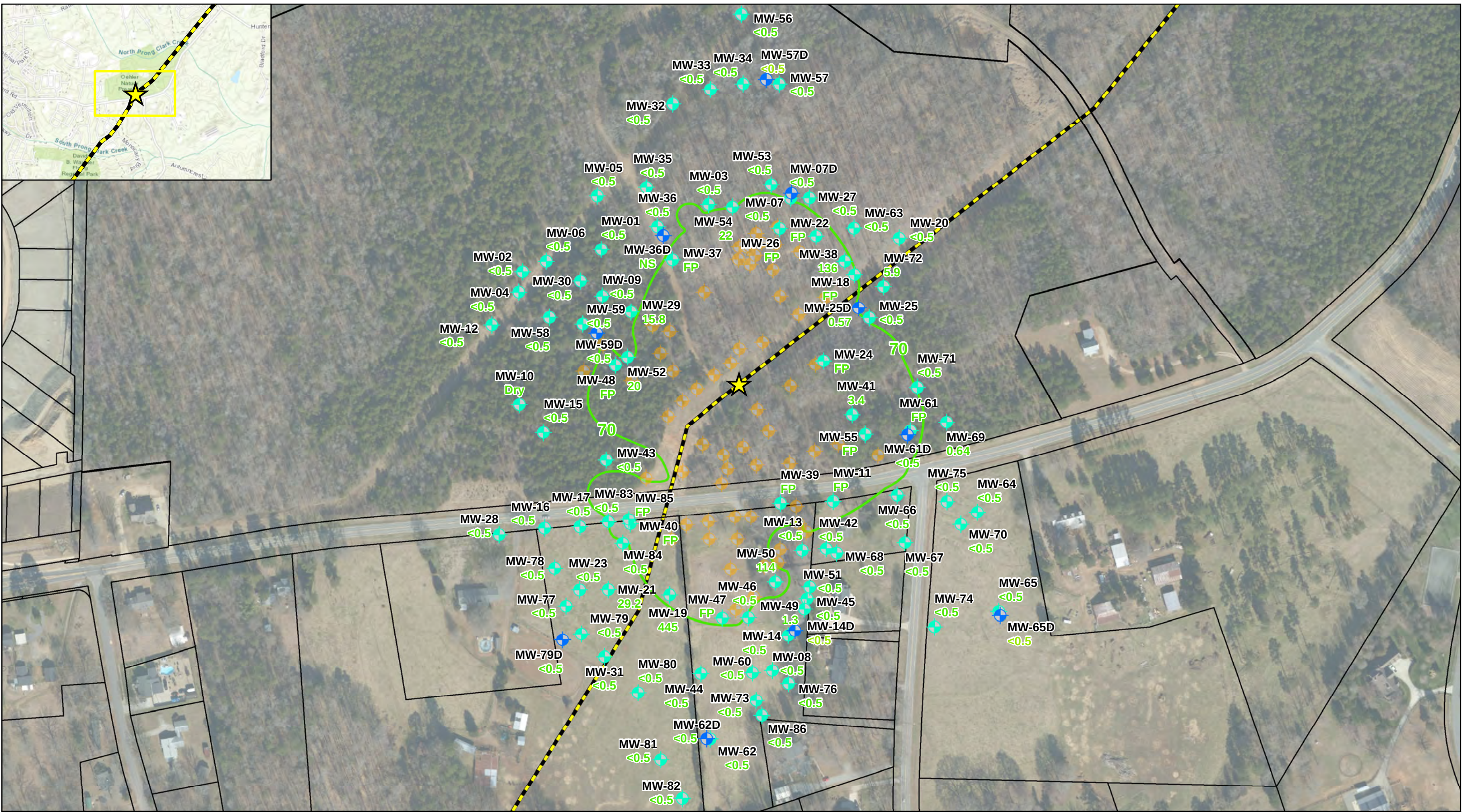
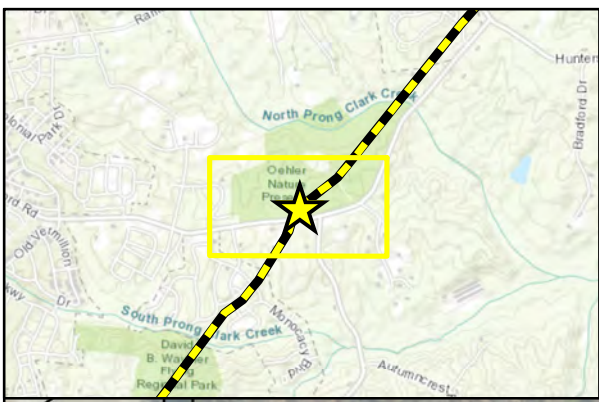
	Checked By:	TN	Groundwater Potentiometric Surface Map - Bedrock Unit Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 0 200 400 600 Feet	Release Site Pipeline Equipotential Contour (ft amsl) Apparent Groundwater Flow Direction Monitoring Well, Bedrock NOTES: Contours based on monitoring well gauging data collected on 04/01/2021; Groundwater elevation measurements shown in feet amsl (above mean sea level); The following well was not used in contouring: MW-36D (Not Measured); Contours interpolated using Surfer (Kriging)			FIGURE 6
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	Project No.:	CPC20126					



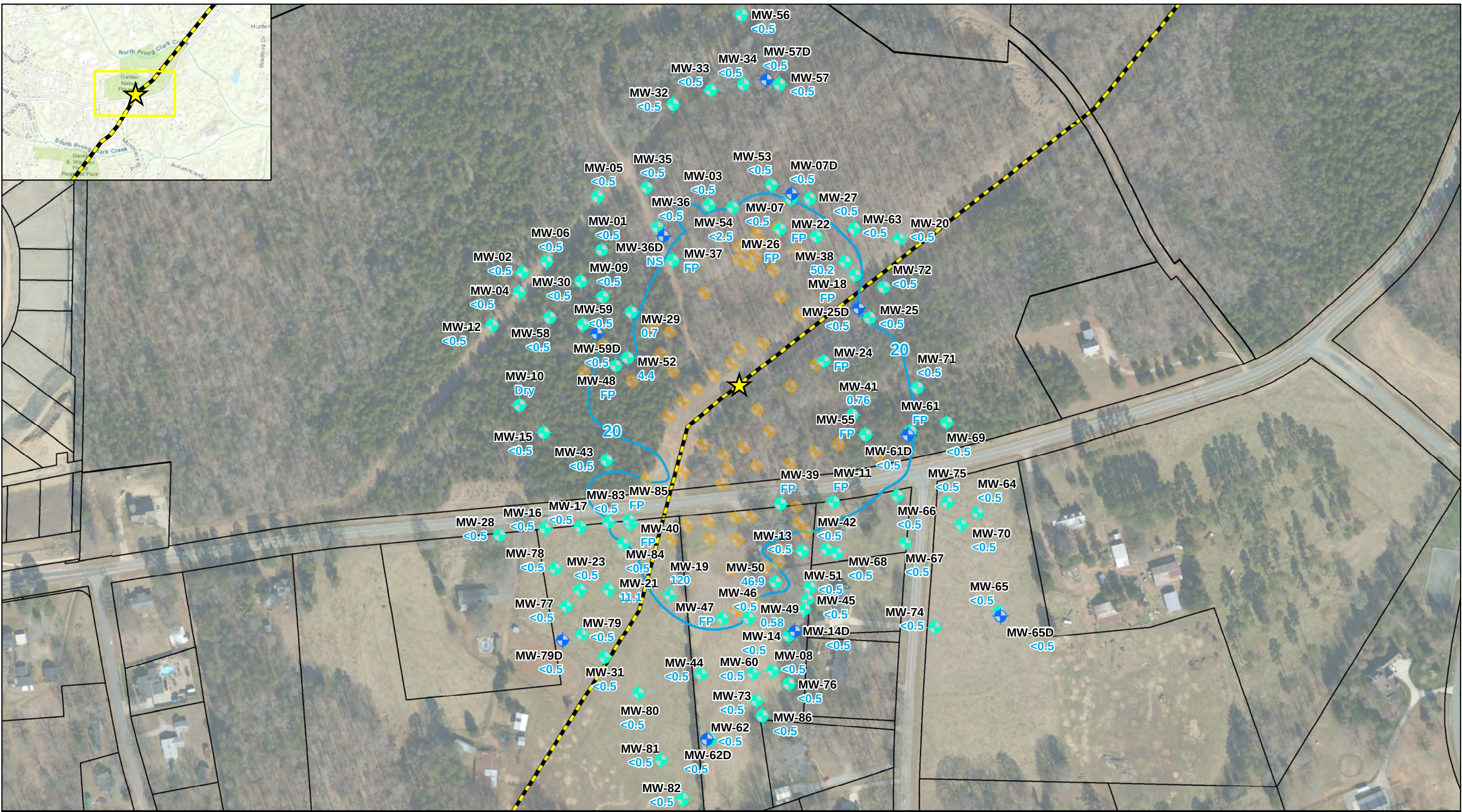
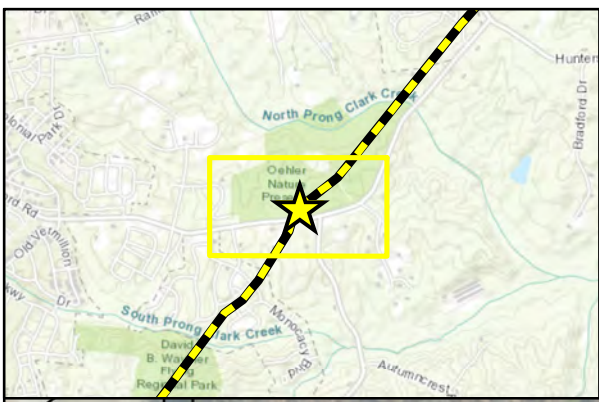
	Checked By:	TN	Free Product Distribution Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 0150300450 Feet	 Release Site  Pipeline  Apparent Free Product Thickness Contour  Hydraulic Control Well  Monitoring Well  Monitoring Well (Bedrock)  Recovery Well					FIGURE 7
	Created By:	JC							
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	Project No.:	CPC20126							
			NOTES: All gauging measurements taken 04/01/2021; 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/-36D (NM), RW-08/-41/-44 (Dry); Contours created using Surfer (Kriging).						



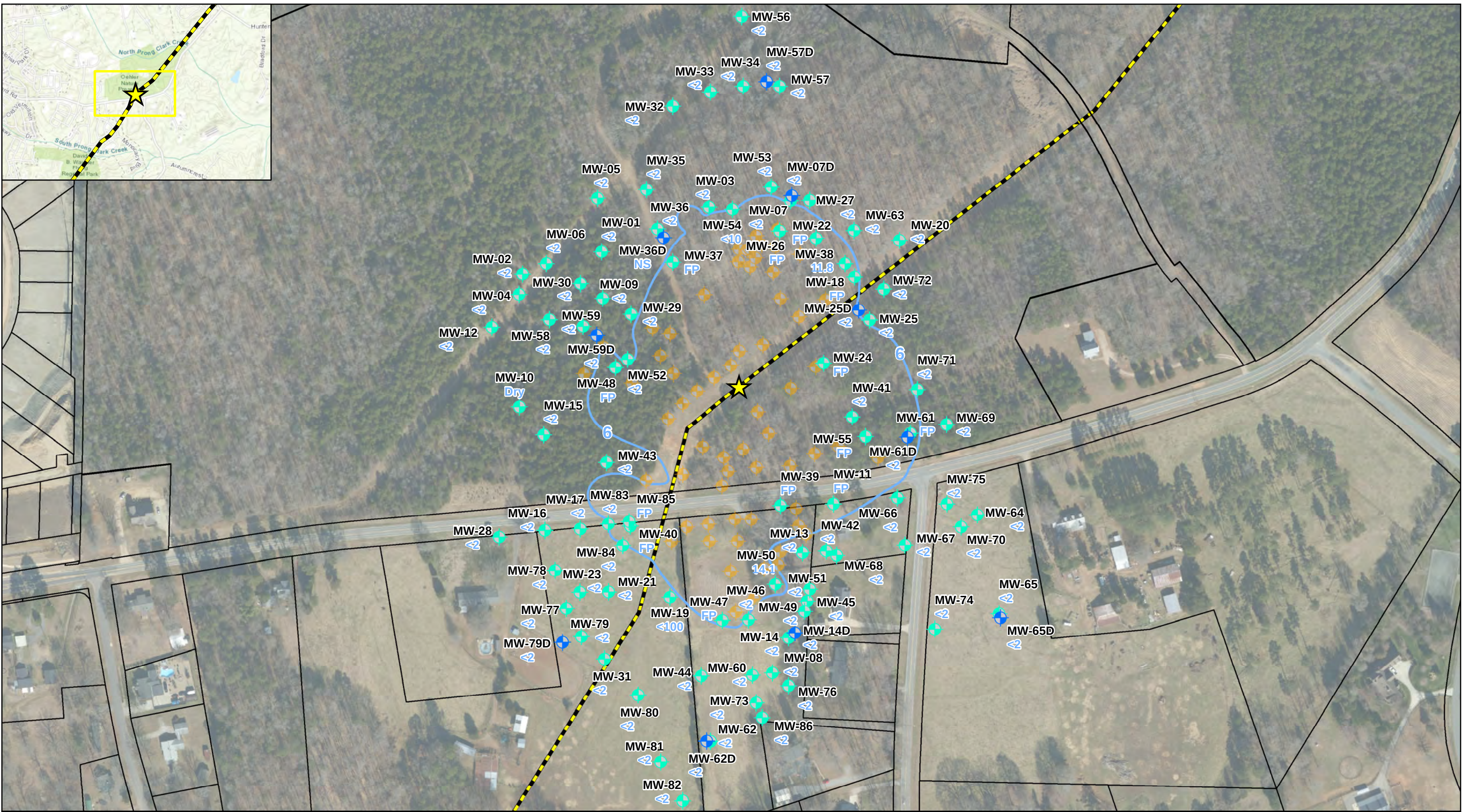
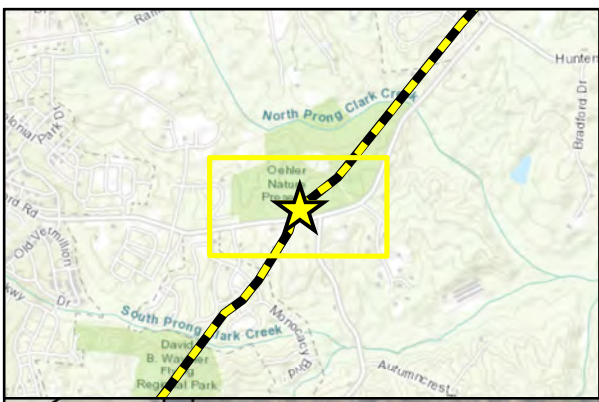
	Checked By:	KP	Benzene Isoconcentration Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina	 Release Site Pipeline Benzene Isocontour (Dashed where Inferred)	 <0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit 7.2 Benzene Concentration (µg/L) FP = Free Product NS = Not Sampled µg/L = Micrograms per Liter	 Recovery Well Monitoring Well Monitoring Well (Bedrock) NCDEQ 2L Standard for Benzene is 1 µg/L			FIGURE 9
	Created By:	BM							
	Scale:	1" = 200 FT							
	Date/Time:	04/21/2021; 13:57							
	Project No.:	CPC20126							
 0 200 400 600 Feet									



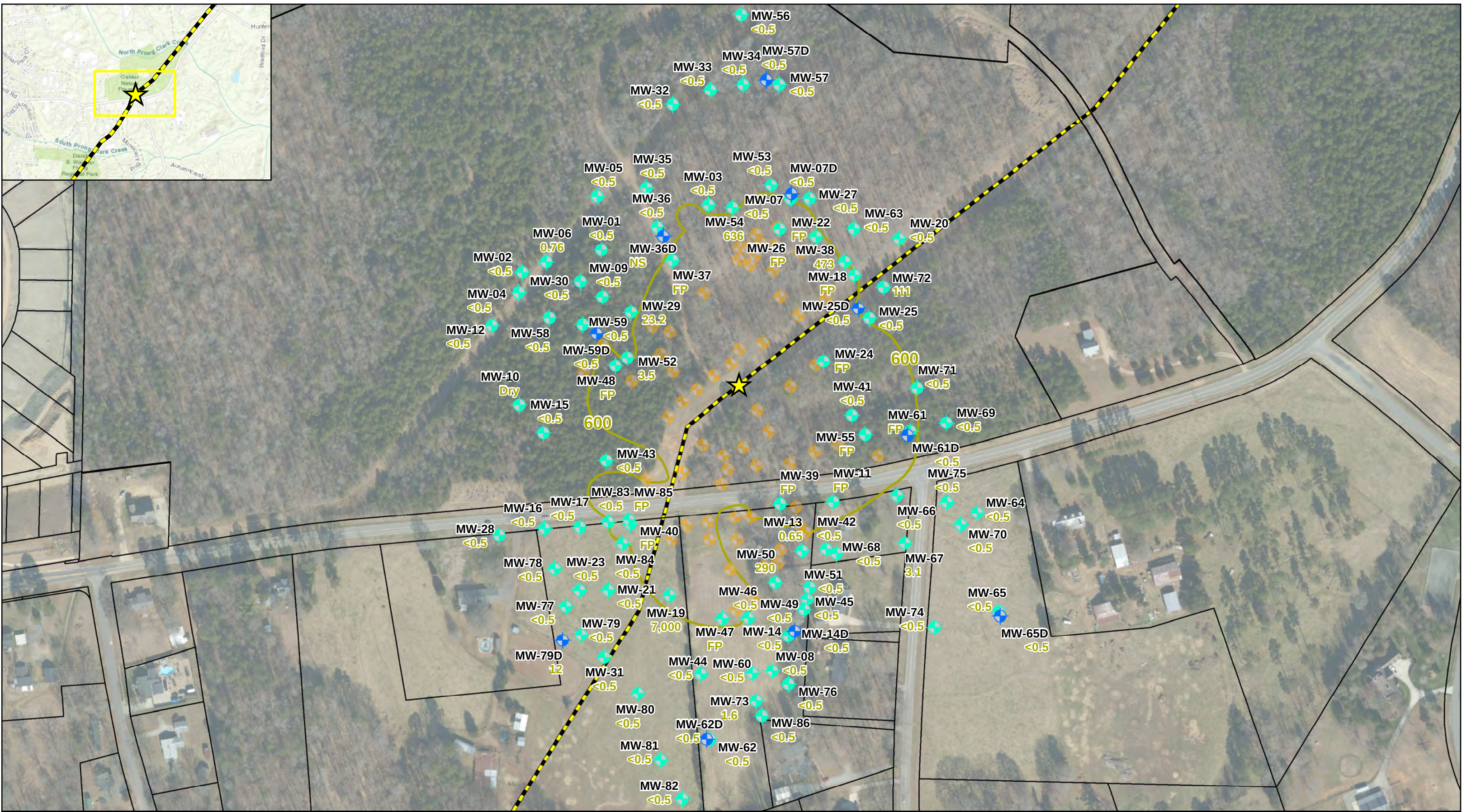
	Checked By:	KP	Diisopropyl Ether Isoconcentration Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 0 200 400 600 Feet	Release Site Pipeline Diisopropyl Ether Isocontour	<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit 0.57 Diisopropyl Ether Concentration (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			FIGURE 10
	Created By:	BM							
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	Project No.:	CPC20126							



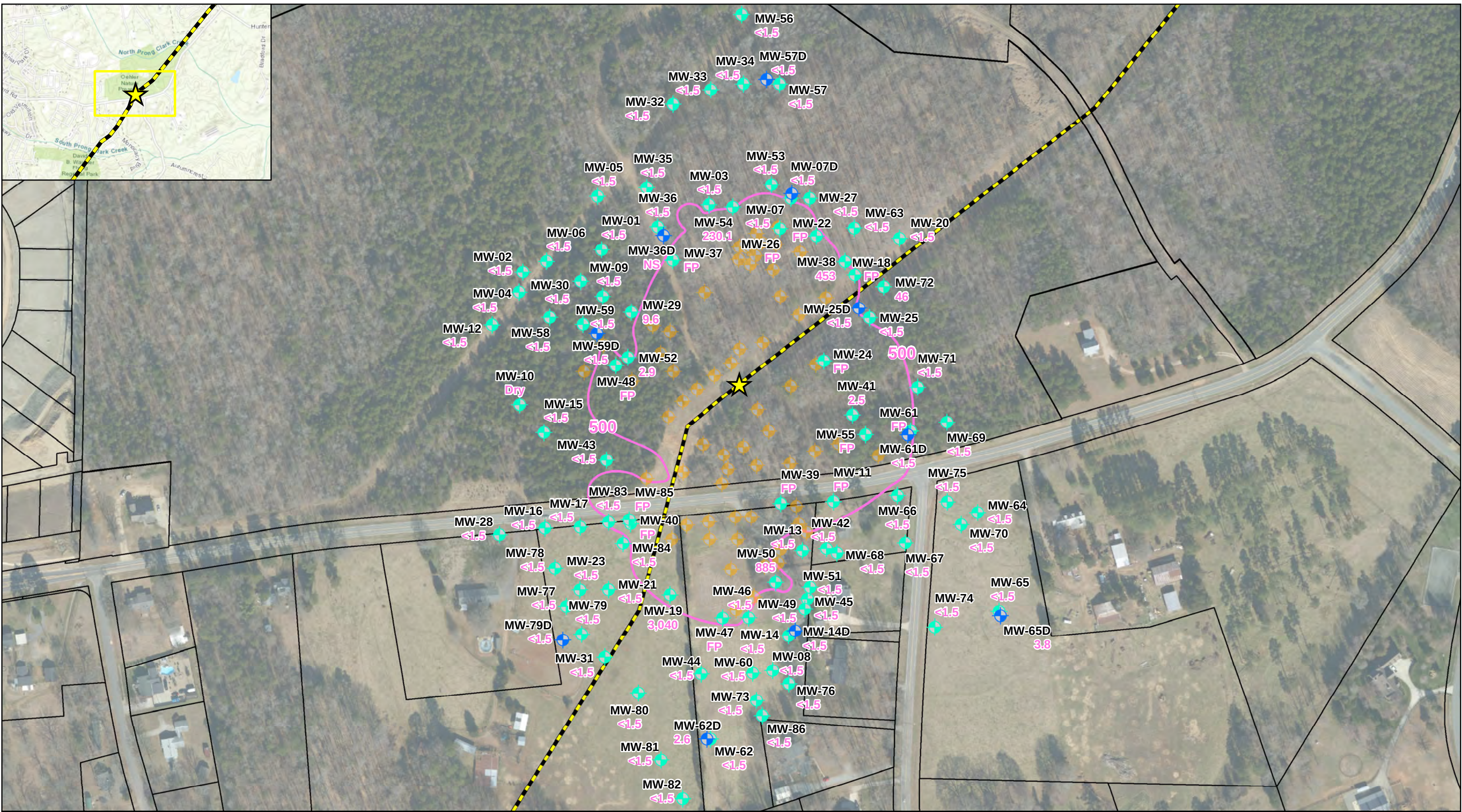
	Checked By:	KP	Methyl-Tert Butyl Ether Isoconcentration Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 	Release Site Pipeline Methyl-Tert Butyl Ether Isocontour	<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit 4.4 Methyl-Tert Butyl Ether Concentration (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			FIGURE 11
	Created By:	BM							
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	Date/Time:	04/21/2021; 15:00							
	Project No.:	CPC20126							



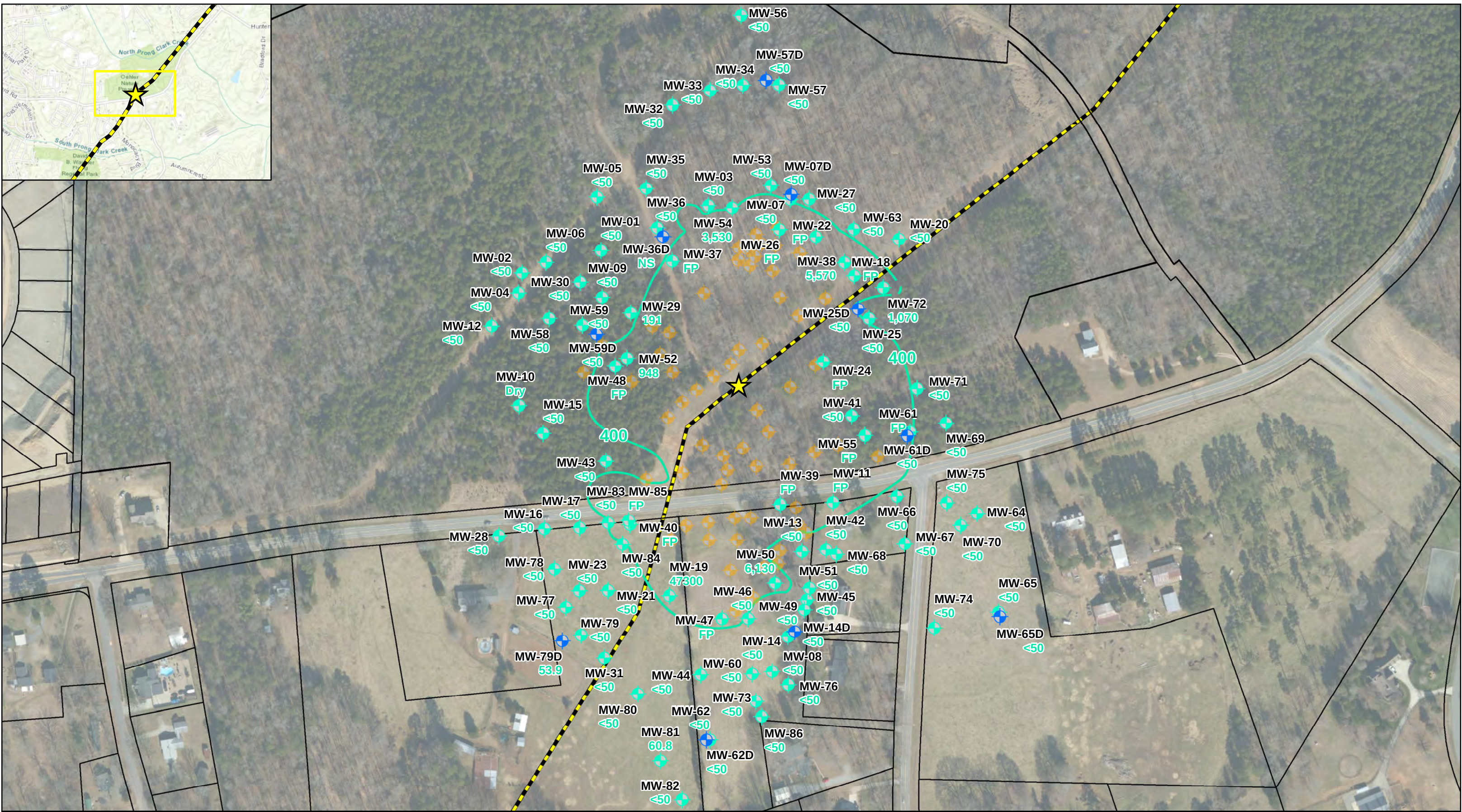
	Checked By:	KP	Naphtahlene Isoconcentration Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina	Release Site Pipeline Naphtahlene Isoconcentration (Dashed where Inferred)	<2 Constituent Not Detected Above Laboratory Practical Quantitation Limit 11.8 Naphthalene Concentration (µg/L) FP = Free Product NS = Not Sampled µg/L = Micrograms per Liter	Recovery Well Monitoring Well Monitoring Well (Bedrock) NCDEQ 2L Standard for Naphthalene is 6 µg/L			FIGURE 12
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	Project No.:	CPC20126							



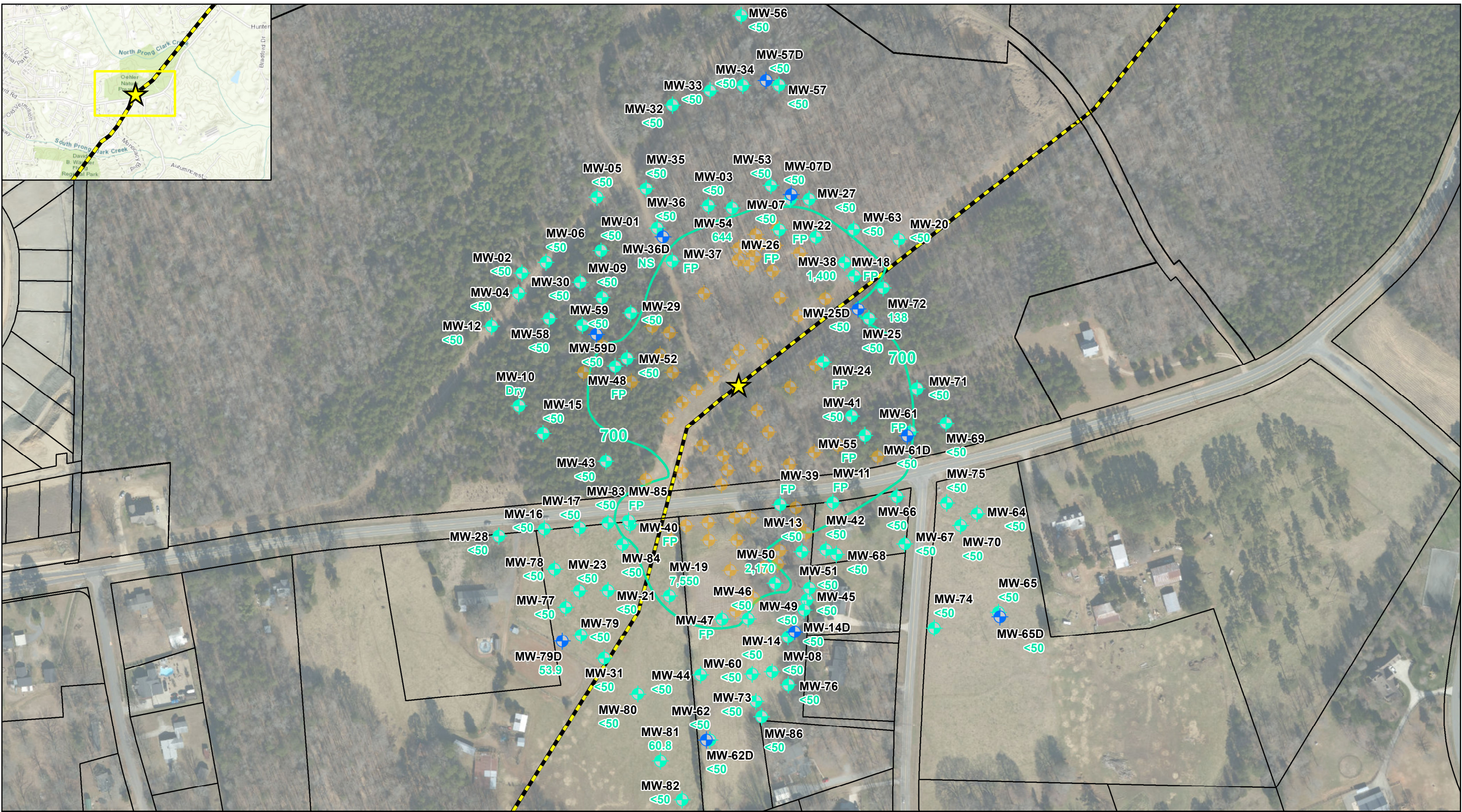
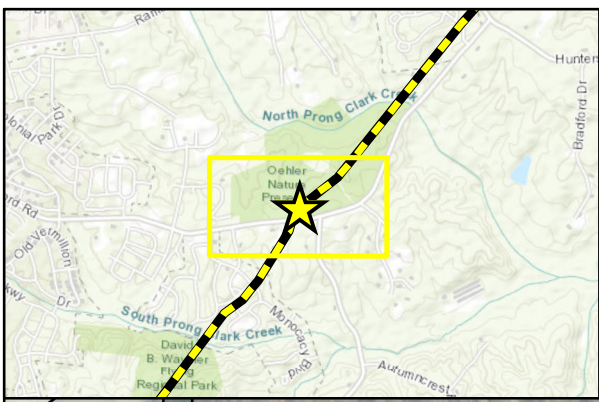
	Checked By:	KP	Toluene Isoconcentration Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 0200400600 Feet	Release Site Pipeline Toluene Isocontour	Constituent Not Detected Above Laboratory Practical Quantitation Limit 23.2 Toluene Concentration (µg/L) FP = Free Product NS = Not Sampled µg/L = Micrograms per Liter	Recovery Well Monitoring Well Monitoring Well (Bedrock) NCDEQ 2L Standard for Toluene is 600 µg/L			FIGURE 13
	Created By:	BM							
	Scale:	1" = 200 FT							
	Date/Time:	04/21/2021; 16:03							
	Project No.:	CPC20126							



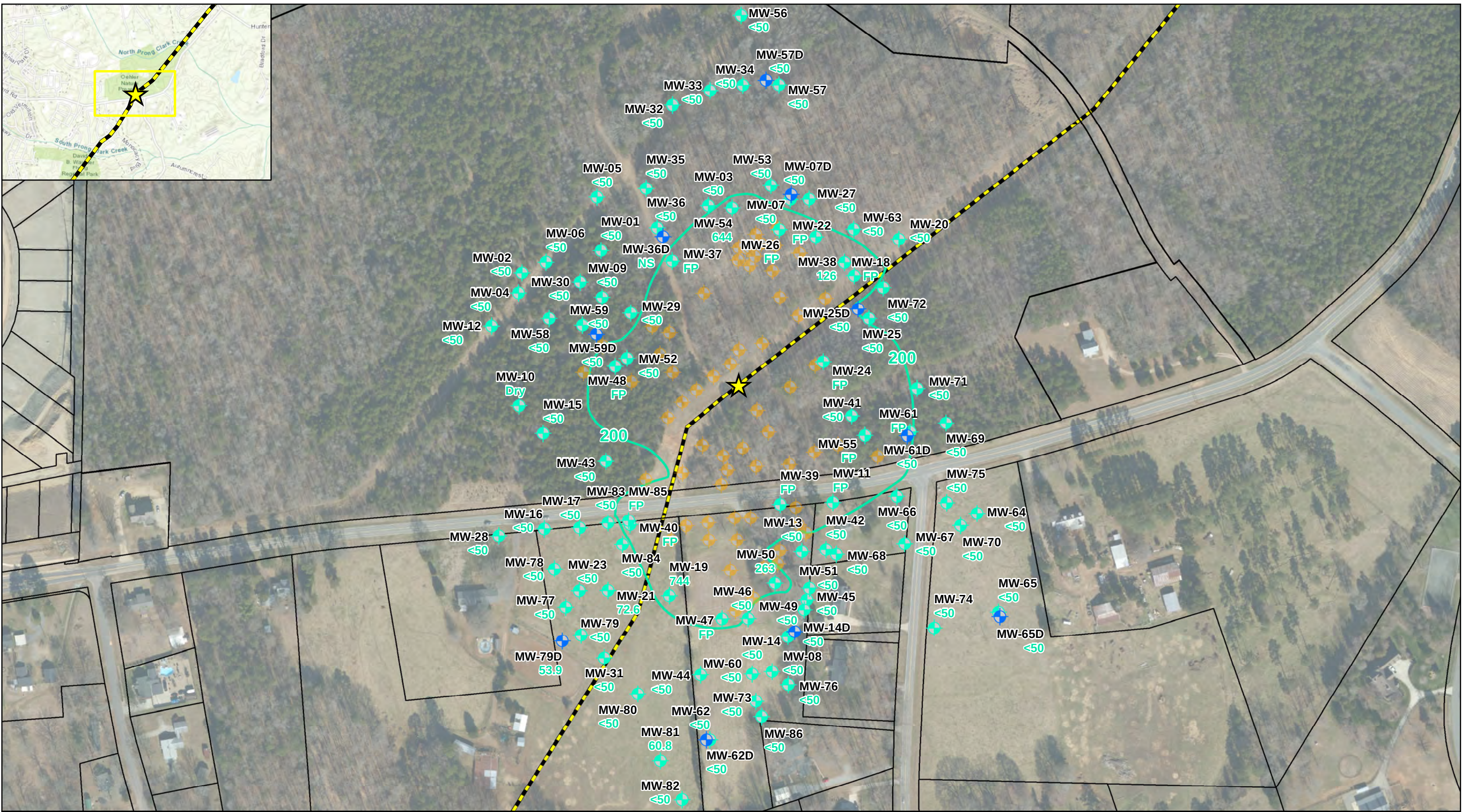
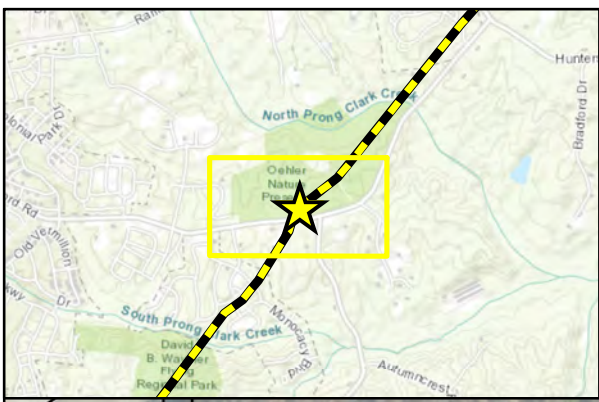
	Checked By:	KP	Total Xylenes Isoconcentration Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 0 200 400 600 Feet	Release Site Pipeline Total Xylenes Isocontour	<1.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit 2.5 Total Xylenes Concentration (µg/L) 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			FIGURE 14
	Created By:	BM							
	Scale:	1" = 200 FT							
	Date/Time:	04/22/2021; 10:12							
	Project No.:	CPC20126							



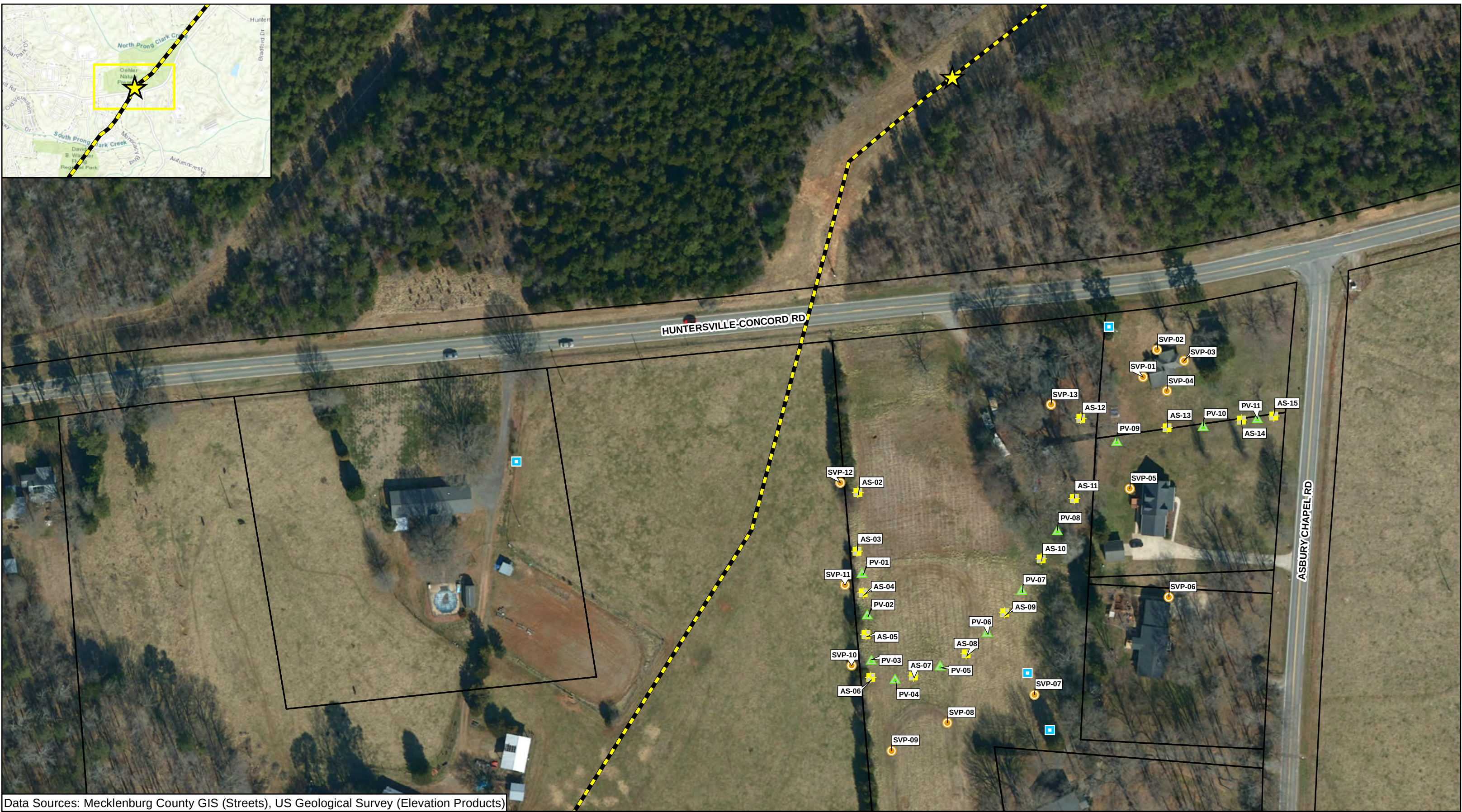
	Checked By:	KP	C5-C8 Aliphatics Isoconcentration Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 	Release Site Pipeline C5-C8 Aliphatics Isocontour (Dashed where Inferred)	Constituent Not Detected Above Laboratory Practical Quantitation Limit C5-C8 Aliphatics Concentration (µg/L) FP = Free Product NS = Not Sampled µg/L = Micrograms per Liter	Recovery Well Monitoring Well Monitoring Well (Bedrock) NCDEQ 2L Standard for C5-C8 Aliphatics is 400 µg/L			FIGURE 15
	Created By:	BM							
	Scale:	1" = 200 FT							
	Date/Time:	04/21/2021; 16:50							
	Project No.:	CPC20126							



	Checked By:	--	C9-C12 Aliphatics Isoconcentration Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 0 200 400 600 Feet	Release Site Pipeline C9-C12 Aliphatics Isocontour (Dashed where Inferred)	Constituent Not Detected Above Laboratory Practical Quantitation Limit 191 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 C5-C8 Aliphatics is 400 µg/L			FIGURE 16
	Created By:	KJ							
	Scale:	1" = 200 FT							
	Date/Time:	04/27/2021; 17:18							
	Project No.:	CPC20126							

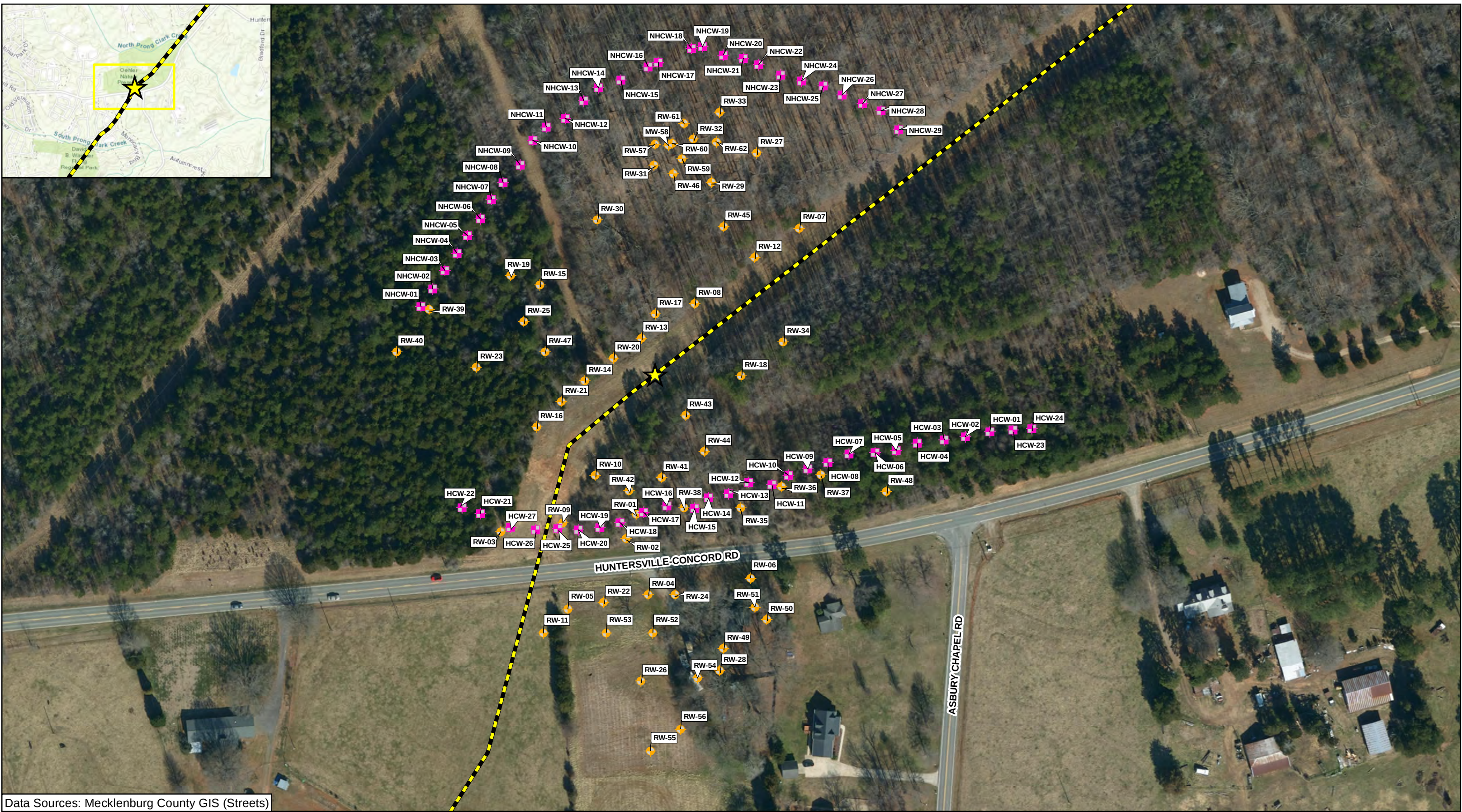
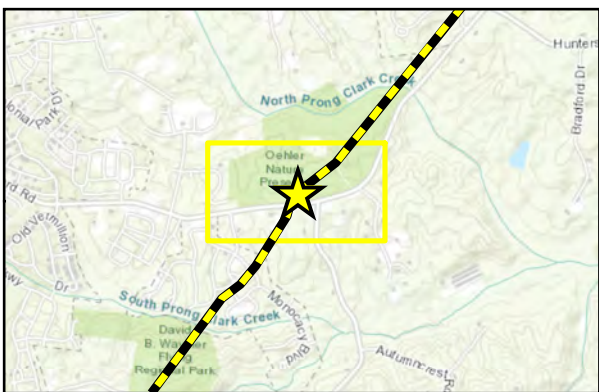


	Checked By:	--	C9-C10 Aromatics Isoconcentration Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 0 200 400 600 Feet	Release Site Pipeline C9-C10 Aromatics Isocontour (Dashed where Inferred)	Constituent Not Detected Above Laboratory Practical Quantitation Limit C9-C10 Aromatics 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-C10 Aromatics is 200 µg/L			FIGURE 17
	Created By:	KJ							
	Scale:	1" = 200 FT							
	Date/Time:	04/27/2021; 18:07							
	Project No.:	CPC20126							



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

	Checked By:	KP	Air Sparge System Layout Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 	Release Site Pipeline	Air Sparge Well Soil Vapor Extraction Well	Soil Vapor Monitoring Point AreaRae Monitoring Station			FIGURE 19
	Created By:	BM							
	Scale:	1" = 100 FT							
	Date/Time:	04/20/2021; 10:26							
	Project No.:	CPC20126							



Data Sources: Mecklenburg County GIS (Streets)

	Checked By:	KP
	Created By:	BM
	Scale:	1 " = 120 FT
	Date/Time:	04/20/2021; 10:28
	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



TABLES

Table 1
Summary of Pipeline Excavation Soil Sampling Results

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

Lab Report	Sample ID	Sample Date	Volatile Organic Compounds (EPA 8260D) (mg/kg)																									MADEP VPH (mg/kg)			
			1,1,2-Trichloroethane	1,1-Dichloroethane	1,2,3-Trimethylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone (MEK)	Acetone	Benzene	Chlorobenzene	Chloroform	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methyl-tert-butyl ether	Methylene Chloride	Naphthalene	Styrene	Tetrachloroethene	Toluene	o-Xylene	Xylene (Total)	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	Aliphatic (C05-C08)	Aliphatic (C09-C12)	Aromatic (C09-C10), Unadjusted	Total VPH
Soil-to-Water MSCCs			0.0032	0.0019	NE	6.6	6.6	16	24	0.0072	0.44	0.34	0.32	8.0	1.3	0.085	0.023	0.2	0.9	0.0050	6.0	6.0	6.0	2.4	1.4	NE	2.2	68	540	31	NE
Residential MSCCs			11.6	7.29	NE	156	156	9,380	14,000	12	312	21	NE	60.3	1,560	156	93.8	5.5	3,120	93.8	3,120	3,120	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	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	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	<0.684	<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	<0.00170	0.00942	<0.																

Table 1
Summary of Pipeline Excavation Soil Sampling Results

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

Lab Report	Sample ID	Sample Date	Volatile Organic Compounds (EPA 8260D) (mg/kg)																										MADEP VPH (mg/kg)			
			1,1,2-Trichloroethane	1,1-Dichloroethane	1,2,3-Trimethylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone (MEK)	Acetone	Benzene	Chlorobenzene	Chloroform	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methyl-tert-butyl ether	Methylene Chloride	Naphthalene	Styrene	Tetrachloroethene	Toluene	o-Xylene	Xylene (Total)	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	Aliphatic (C05-C08)	Aliphatic (C09-C12)	Aromatic (C09-C10), Unadjusted	Total VPH	
Soil-to-Water MSCCs			0.0032	0.0019	NE	6.6	6.6	16	24	0.0072	0.44	0.34	0.32	8.0	1.3	0.085	0.023	0.2	0.9	0.0050	6.0	6.0	6.0	2.4	1.4	NE	2.2	68	540	31	NE	
Residential MSCCs			11.6	7.29	NE	156	156	9,380	14,000	12	312	21	NE	60.3	1,560	156	93.8	5.5	3,120	93.8	3,120	3,120	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
"c" = 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	<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	<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	<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	<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	<5	<5	<5	<5	5.5	<20	<49.9	<5	<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	<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	<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	<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	<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	<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	<7.7	<30.9	<77.1	<7.7	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<5.3	<10.6	<10.6	<5.3
92493643	MW-15 (27.5-29)	MW-15	09/02/2																							

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	<6.3	<6.3	<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	
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	<7.3	<29.1	<72.8	<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	
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	NA	<1	<5	NA	NA	<1	<1	NA	<1	<5	<5	<1	<1	NA	<1	NA	NA	<1	<2	<1	
92494924	TB-20200909-1	Trip Blank	09/09/2020	NA	NA	NA	NA	<1	<5	NA	NA	<1	<1	NA	<1	<5	<5	<1	<1	NA	<1	NA	NA	<1	<2	<1	
92494609	TB-20200909-1	Trip Blank	09/09/2020	NA	NA	NA	NA	<1	<5	NA	NA	<1	<1	NA	<1	<5	<5	<1	<1	NA	<1	NA	NA	<1	<2	<1	
92494925	TB-20200909-2	Trip Blank	09/09/2020	NA	NA	NA	NA	<1	<5	NA	NA	<1	<1	NA	<1	<5	<5	<1	<1	NA	<1	NA	NA	<1	<2	<1	
92494609	TB-20200909-2	Trip Blank	09/09/2020	NA	NA	NA	NA	<1	<5	NA	NA	<1	<1	NA	<1	<5	<5	<1	<1	NA	<1	NA	NA	<1	<2	<1	

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	Top Of 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	709.60	9/1/2020	ND	25.05	0.00	684.55
MW-01	709.60	9/3/2020	ND	25.82	0.00	683.78
MW-01	709.60	9/5/2020	ND	25.94	0.00	683.66
MW-01	711.86	9/14/2020	ND	28.20	0.00	683.66
MW-01	711.86	9/18/2020	ND	28.20	0.00	683.66
MW-01	711.86	9/28/2020	ND	28.10	0.00	683.76
MW-01	711.86	10/3/2020	ND	28.09	0.00	683.77
MW-01	711.86	10/19/2020	ND	27.88	0.00	683.98
MW-01	711.86	10/26/2020	ND	27.74	0.00	684.12
MW-01	711.86	11/9/2020	ND	28.74	0.00	683.12
MW-01	711.86	11/18/2020	ND	27.49	0.00	684.37
MW-01	711.86	11/23/2020	ND	27.44	0.00	684.42
MW-01	711.86	12/7/2020	ND	27.12	0.00	684.74
MW-01	711.86	12/21/2020	ND	26.95	0.00	684.91
MW-01	711.86	12/26/2020	ND	26.94	0.00	684.92
MW-01	711.86	1/10/2021	ND	26.64	0.00	685.22
MW-01	711.86	1/19/2021	ND	26.55	0.00	685.31
MW-01	711.86	1/25/2021	ND	26.34	0.00	685.52
MW-01	711.86	2/1/2021	ND	26.23	0.00	685.63
MW-01	711.86	2/8/2021	ND	26.31	0.00	685.55
MW-01	711.86	2/16/2021	ND	25.99	0.00	685.87
MW-01	711.86	2/22/2021	ND	25.76	0.00	686.10
MW-01	711.86	3/4/2021	ND	25.52	0.00	686.34
MW-01	711.86	3/8/2021	ND	25.64	0.00	686.22
MW-01	711.86	3/15/2021	ND	25.49	0.00	686.37
MW-01	711.86	3/22/2021	ND	25.29	0.00	686.57
MW-01	711.86	4/1/2021	ND	25.00	0.00	686.86
MW-01	711.86	4/12/2021	ND	24.65	0.00	687.21
MW-01	711.86	4/19/2021	ND	24.67	0.00	687.19

Table 3
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Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-02	710.96	9/1/2020	ND	26.65	0.00	684.31
MW-02	710.96	9/3/2020	ND	27.59	0.00	683.37
MW-02	710.96	9/5/2020	ND	28.00	0.00	682.96
MW-02	712.53	9/14/2020	ND	29.57	0.00	682.96
MW-02	712.53	9/18/2020	ND	29.56	0.00	682.97
MW-02	712.53	9/28/2020	ND	29.51	0.00	683.02
MW-02	712.53	10/3/2020	ND	30.60	0.00	681.93
MW-02	712.53	10/19/2020	ND	29.41	0.00	683.12
MW-02	712.53	10/26/2020	ND	29.30	0.00	683.23
MW-02	712.53	11/9/2020	ND	29.07	0.00	683.46
MW-02	712.53	11/18/2020	ND	29.05	0.00	683.48
MW-02	712.53	11/23/2020	ND	28.98	0.00	683.55
MW-02	712.53	12/7/2020	ND	28.59	0.00	683.94
MW-02	712.53	12/21/2020	ND	28.44	0.00	684.09
MW-02	712.53	12/26/2020	ND	28.74	0.00	683.79
MW-02	712.53	1/10/2021	ND	28.54	0.00	683.99
MW-02	712.53	1/19/2021	ND	28.39	0.00	684.14
MW-02	712.53	1/25/2021	ND	28.09	0.00	684.44
MW-02	712.53	2/1/2021	ND	27.74	0.00	684.79
MW-02	712.53	2/8/2021	ND	28.28	0.00	684.25
MW-02	712.53	2/16/2021	ND	27.65	0.00	684.88
MW-02	712.53	2/22/2021	ND	27.53	0.00	685.00
MW-02	712.53	3/4/2021	ND	27.52	0.00	685.01
MW-02	712.53	3/8/2021	ND	27.76	0.00	684.77
MW-02	712.53	3/15/2021	ND	27.58	0.00	684.95
MW-02	712.53	3/22/2021	ND	27.39	0.00	685.14
MW-02	712.53	4/1/2021	ND	27.16	0.00	685.37
MW-02	712.53	4/12/2021	ND	26.83	0.00	685.70
MW-02	712.53	4/19/2021	ND	27.76	0.00	684.77

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-03	703.64	9/1/2020	ND	19.93	0.00	683.71
MW-03	703.64	9/3/2020	ND	22.74	0.00	680.90
MW-03	703.64	9/5/2020	ND	22.84	0.00	680.80
MW-03	703.64	9/14/2020	ND	22.78	0.00	680.86
MW-03	703.64	9/18/2020	ND	22.80	0.00	680.84
MW-03	703.64	9/28/2020	ND	22.54	0.00	681.10
MW-03	703.64	10/3/2020	ND	22.57	0.00	681.07
MW-03	703.64	10/19/2020	ND	21.88	0.00	681.76
MW-03	703.64	10/26/2020	ND	21.70	0.00	681.94
MW-03	703.64	11/9/2020	ND	21.44	0.00	682.20
MW-03	703.64	11/18/2020	ND	20.87	0.00	682.77
MW-03	703.64	11/23/2020	ND	20.76	0.00	682.88
MW-03	703.64	12/7/2020	ND	20.39	0.00	683.25
MW-03	703.64	12/21/2020	ND	19.90	0.00	683.74
MW-03	703.64	12/26/2020	ND	19.71	0.00	683.93
MW-03	703.64	1/10/2021	ND	19.54	0.00	684.10
MW-03	703.64	1/19/2021	ND	19.47	0.00	684.17
MW-03	703.64	1/25/2021	ND	19.43	0.00	684.21
MW-03	703.64	2/1/2021	ND	18.56	0.00	685.08
MW-03	703.64	2/8/2021	ND	18.69	0.00	684.95
MW-03	703.64	2/16/2021	ND	17.45	0.00	686.19
MW-03	703.64	2/22/2021	ND	16.89	0.00	686.75
MW-03	703.64	3/4/2021	ND	17.16	0.00	686.48
MW-03	703.64	3/8/2021	ND	17.67	0.00	685.97
MW-03	703.64	3/15/2021	ND	17.90	0.00	685.74
MW-03	703.64	3/22/2021	ND	16.79	0.00	686.85
MW-03	703.64	4/1/2021	ND	15.92	0.00	687.72
MW-03	703.64	4/12/2021	ND	16.90	0.00	686.74
MW-03	703.64	4/19/2021	ND	17.42	0.00	686.22

Table 3
Summary of Monitoring Well Gauging Data

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

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Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-05	705.61	9/1/2020	ND	24.19	0.00	681.42
MW-05	705.61	9/3/2020	ND	25.22	0.00	680.39
MW-05	705.61	9/5/2020	ND	26.38	0.00	679.23
MW-05	705.61	9/6/2020	ND	27.38	0.00	678.23
MW-05	707.30	9/14/2020	ND	27.04	0.00	680.26
MW-05	707.30	9/18/2020	ND	27.03	0.00	680.27
MW-05	707.30	9/28/2020	ND	26.87	0.00	680.43
MW-05	707.30	10/3/2020	ND	26.88	0.00	680.42
MW-05	707.30	10/19/2020	ND	26.49	0.00	680.81
MW-05	707.30	10/26/2020	ND	26.34	0.00	680.96
MW-05	707.30	10/28/2020	ND	28.34	0.00	678.96
MW-05	707.30	11/9/2020	ND	26.06	0.00	681.24
MW-05	707.30	11/18/2020	ND	25.93	0.00	681.37
MW-05	707.30	11/23/2020	ND	25.80	0.00	681.50
MW-05	707.30	12/7/2020	ND	25.39	0.00	681.91
MW-05	707.30	12/21/2020	ND	25.14	0.00	682.16
MW-05	707.30	12/26/2020	ND	25.17	0.00	682.13
MW-05	707.30	1/10/2021	ND	24.89	0.00	682.41
MW-05	707.30	1/19/2021	ND	24.72	0.00	682.58
MW-05	707.30	1/25/2021	ND	24.43	0.00	682.87
MW-05	707.30	2/1/2021	ND	24.25	0.00	683.05
MW-05	707.30	2/8/2021	ND	24.49	0.00	682.81
MW-05	707.30	2/16/2021	ND	23.96	0.00	683.34
MW-05	707.30	2/22/2021	ND	23.66	0.00	683.64
MW-05	707.30	3/4/2021	ND	23.41	0.00	683.89
MW-05	707.30	3/8/2021	ND	23.64	0.00	683.66
MW-05	707.30	3/15/2021	ND	23.46	0.00	683.84
MW-05	707.30	3/22/2021	ND	23.19	0.00	684.11
MW-05	707.30	4/1/2021	ND	22.79	0.00	684.51
MW-05	707.30	4/12/2021	ND	22.41	0.00	684.89
MW-05	707.30	4/19/2021	ND	22.45	0.00	684.85

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-06	703.81	9/1/2020	ND	20.70	0.00	683.11
MW-06	703.81	9/3/2020	ND	20.92	0.00	682.89
MW-06	706.34	9/14/2020	ND	23.56	0.00	682.78
MW-06	706.34	9/18/2020	ND	23.65	0.00	682.69
MW-06	706.34	9/28/2020	ND	23.47	0.00	682.87
MW-06	706.34	10/3/2020	ND	23.51	0.00	682.83
MW-06	706.34	10/19/2020	ND	23.23	0.00	683.11
MW-06	706.34	10/26/2020	ND	23.12	0.00	683.22
MW-06	706.34	11/9/2020	ND	22.91	0.00	683.43
MW-06	706.34	11/18/2020	Dry	Dry	Dry	Dry
MW-06	706.34	11/23/2020	ND	22.79	0.00	683.55
MW-06	706.34	12/7/2020	ND	22.36	0.00	683.98
MW-06	706.34	12/21/2020	ND	22.18	0.00	684.16
MW-06	706.34	12/26/2020	ND	22.34	0.00	684.00
MW-06	706.34	1/10/2021	ND	22.15	0.00	684.19
MW-06	706.34	1/19/2021	ND	21.98	0.00	684.36
MW-06	706.34	1/25/2021	ND	21.68	0.00	684.66
MW-06	706.34	2/1/2021	ND	21.36	0.00	684.98
MW-06	706.34	2/8/2021	ND	21.83	0.00	684.51
MW-06	706.34	2/16/2021	ND	21.24	0.00	685.10
MW-06	706.34	2/22/2021	ND	20.99	0.00	685.35
MW-06	706.34	3/4/2021	ND	20.91	0.00	685.43
MW-06	706.34	3/8/2021	ND	21.11	0.00	685.23
MW-06	706.34	3/15/2021	ND	20.93	0.00	685.41
MW-06	706.34	3/22/2021	ND	20.67	0.00	685.67
MW-06	706.34	4/1/2021	ND	20.42	0.00	685.92
MW-06	706.34	4/12/2021	ND	20.07	0.00	686.27
MW-06	706.34	4/19/2021	ND	20.03	0.00	686.31

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-07	709.46	9/1/2020	ND	26.67	0.00	682.79
MW-07	709.46	9/3/2020	ND	26.53	0.00	682.93
MW-07	709.46	9/5/2020	ND	25.60	0.00	683.86
MW-07	712.36	9/14/2020	ND	29.36	0.00	683.00
MW-07	712.36	9/18/2020	ND	29.31	0.00	683.05
MW-07	712.36	9/28/2020	ND	29.24	0.00	683.12
MW-07	712.36	10/3/2020	ND	29.32	0.00	683.04
MW-07	712.36	10/5/2020	ND	31.32	0.00	681.04
MW-07	712.36	10/19/2020	ND	29.28	0.00	683.08
MW-07	712.36	10/26/2020	ND	29.26	0.00	683.10
MW-07	712.36	11/9/2020	ND	29.19	0.00	683.17
MW-07	712.36	11/18/2020	ND	29.20	0.00	683.16
MW-07	712.36	11/23/2020	ND	29.16	0.00	683.20
MW-07	712.36	12/7/2020	ND	29.98	0.00	682.38
MW-07	712.36	12/21/2020	ND	29.04	0.00	683.32
MW-07	712.36	12/26/2020	ND	29.02	0.00	683.34
MW-07	712.36	1/10/2021	ND	29.07	0.00	683.29
MW-07	712.36	1/19/2021	ND	29.62	0.00	682.74
MW-07	712.36	1/25/2021	ND	29.91	0.00	682.45
MW-07	712.36	2/1/2021	ND	30.05	0.00	682.31
MW-07	712.36	2/8/2021	ND	30.19	0.00	682.17
MW-07	712.36	2/16/2021	ND	29.86	0.00	682.50
MW-07	712.36	2/22/2021	ND	29.46	0.00	682.90
MW-07	712.36	3/4/2021	ND	29.23	0.00	683.13
MW-07	712.36	3/8/2021	ND	29.37	0.00	682.99
MW-07	712.36	3/15/2021	ND	29.39	0.00	682.97
MW-07	712.36	3/22/2021	ND	29.43	0.00	682.93
MW-07	712.36	4/1/2021	ND	29.16	0.00	683.20
MW-07	712.36	4/12/2021	ND	29.29	0.00	683.07
MW-07	712.36	4/19/2021	ND	29.58	0.00	682.78

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-08	724.93	9/1/2020	ND	31.50	0.00	693.43
MW-08	724.93	9/3/2020	ND	31.64	0.00	693.29
MW-08	724.93	9/14/2020	ND	31.77	0.00	693.16
MW-08	724.93	9/18/2020	ND	21.78	0.00	703.15
MW-08	724.93	9/28/2020	ND	31.83	0.00	693.10
MW-08	724.93	10/3/2020	ND	31.95	0.00	692.98
MW-08	724.93	10/19/2020	ND	31.87	0.00	693.06
MW-08	724.93	10/26/2020	ND	31.79	0.00	693.14
MW-08	724.93	11/9/2020	ND	31.73	0.00	693.20
MW-08	724.93	11/18/2020	ND	31.69	0.00	693.24
MW-08	724.93	11/23/2020	ND	31.49	0.00	693.44
MW-08	724.93	12/7/2020	ND	37.31	0.00	687.62
MW-08	724.93	12/21/2020	ND	31.25	0.00	693.68
MW-08	724.93	12/26/2020	ND	31.28	0.00	693.65
MW-08	724.93	1/10/2021	ND	31.06	0.00	693.87
MW-08	724.93	1/19/2021	ND	30.97	0.00	693.96
MW-08	724.93	1/25/2021	ND	30.75	0.00	694.18
MW-08	724.93	2/1/2021	ND	30.76	0.00	694.17
MW-08	724.93	2/8/2021	ND	30.83	0.00	694.10
MW-08	724.93	2/16/2021	ND	30.64	0.00	694.29
MW-08	724.93	2/22/2021	ND	30.33	0.00	694.60
MW-08	724.93	3/4/2021	ND	30.08	0.00	694.85
MW-08	724.93	3/8/2021	ND	30.12	0.00	694.81
MW-08	724.93	3/15/2021	ND	30.03	0.00	694.90
MW-08	724.93	3/22/2021	ND	29.93	0.00	695.00
MW-08	724.93	4/1/2021	ND	29.62	0.00	695.31
MW-08	724.93	4/12/2021	ND	29.30	0.00	695.63
MW-08	724.93	4/19/2021	ND	29.25	0.00	695.68

Table 3
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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-09	709.46	9/1/2020	ND	26.02	0.00	683.44
MW-09	709.46	9/3/2020	ND	26.64	0.00	682.82
MW-09	717.15	9/14/2020	ND	28.82	0.00	688.33
MW-09	717.15	9/18/2020	ND	28.84	0.00	688.31
MW-09	717.15	9/28/2020	ND	28.84	0.00	688.31
MW-09	717.15	10/3/2020	ND	28.93	0.00	688.22
MW-09	717.15	10/19/2020	ND	28.96	0.00	688.19
MW-09	717.15	10/26/2020	ND	28.93	0.00	688.22
MW-09	717.15	11/9/2020	ND	28.84	0.00	688.31
MW-09	717.15	11/18/2020	ND	28.87	0.00	688.28
MW-09	717.15	11/23/2020	ND	29.82	0.00	687.33
MW-09	717.15	12/7/2020	ND	28.62	0.00	688.53
MW-09	717.15	12/21/2020	ND	28.62	0.00	688.53
MW-09	717.15	12/26/2020	ND	28.62	0.00	688.53
MW-09	717.15	1/10/2021	ND	28.54	0.00	688.61
MW-09	717.15	1/19/2021	ND	28.55	0.00	688.60
MW-09	717.15	1/25/2021	ND	28.46	0.00	688.69
MW-09	717.15	2/1/2021	ND	28.44	0.00	688.71
MW-09	717.15	2/8/2021	ND	28.64	0.00	688.51
MW-09	717.15	2/16/2021	ND	28.40	0.00	688.75
MW-09	717.15	2/22/2021	ND	28.28	0.00	688.87
MW-09	717.15	3/4/2021	ND	28.12	0.00	689.03
MW-09	717.15	3/8/2021	ND	28.20	0.00	688.95
MW-09	717.15	3/15/2021	ND	28.07	0.00	689.08
MW-09	717.15	3/22/2021	ND	27.97	0.00	689.18
MW-09	717.15	4/1/2021	ND	27.84	0.00	689.31
MW-09	717.15	4/12/2021	ND	27.56	0.00	689.59
MW-09	717.15	4/19/2021	ND	27.53	0.00	689.62

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

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

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Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-12	718.27	9/1/2020	ND	30.95	0.00	687.32
MW-12	718.27	9/3/2020	ND	32.18	0.00	686.09
MW-12	718.27	9/5/2020	ND	32.27	0.00	686.00
MW-12	718.27	9/14/2020	ND	33.77	0.00	684.50
MW-12	718.27	9/18/2020	ND	33.78	0.00	684.49
MW-12	718.27	9/28/2020	ND	33.71	0.00	684.56
MW-12	718.27	10/3/2020	ND	33.78	0.00	684.49
MW-12	718.27	10/19/2020	ND	33.63	0.00	684.64
MW-12	718.27	10/26/2020	ND	33.58	0.00	684.69
MW-12	718.27	11/9/2020	ND	33.36	0.00	684.91
MW-12	718.27	11/18/2020	ND	33.36	0.00	684.91
MW-12	718.27	11/23/2020	ND	33.30	0.00	684.97
MW-12	718.27	12/7/2020	ND	32.98	0.00	685.29
MW-12	718.27	12/21/2020	ND	37.82	0.00	680.45
MW-12	718.27	12/26/2020	ND	33.11	0.00	685.16
MW-12	718.27	1/10/2021	ND	32.83	0.00	685.44
MW-12	718.27	1/19/2021	ND	32.82	0.00	685.45
MW-12	718.27	1/25/2021	ND	32.54	0.00	685.73
MW-12	718.27	2/1/2021	ND	32.30	0.00	685.97
MW-12	718.27	2/8/2021	ND	32.73	0.00	685.54
MW-12	718.27	2/16/2021	ND	32.21	0.00	686.06
MW-12	718.27	2/22/2021	ND	32.05	0.00	686.22
MW-12	718.27	3/4/2021	ND	32.07	0.00	686.20
MW-12	718.27	3/8/2021	ND	32.32	0.00	685.95
MW-12	718.27	3/15/2021	ND	32.16	0.00	686.11
MW-12	718.27	3/22/2021	ND	31.98	0.00	686.29
MW-12	718.27	4/1/2021	ND	31.87	0.00	686.40
MW-12	718.27	4/12/2021	Dry	Dry	Dry	Dry
MW-12	718.27	4/19/2021	ND	31.61	0.00	686.66

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation² (ft btoc)
MW-13	736.29	9/14/2020	ND	41.77	0.00	694.52
MW-13	736.29	9/18/2020	ND	38.42	0.00	697.87
MW-13	736.29	9/28/2020	ND	38.40	0.00	697.89
MW-13	736.29	10/3/2020	ND	38.51	0.00	697.78
MW-13	736.29	10/19/2020	ND	38.55	0.00	697.74
MW-13	736.29	10/26/2020	ND	38.62	0.00	697.67
MW-13	736.29	11/9/2020	ND	38.72	0.00	697.57
MW-13	736.29	11/18/2020	ND	38.86	0.00	697.43
MW-13	736.29	11/23/2020	ND	38.75	0.00	697.54
MW-13	736.29	12/7/2020	ND	38.72	0.00	697.57
MW-13	736.29	12/21/2020	ND	38.81	0.00	697.48
MW-13	736.29	12/26/2020	ND	38.92	0.00	697.37
MW-13	736.29	1/10/2021	ND	39.07	0.00	697.22
MW-13	736.29	1/19/2021	ND	39.11	0.00	697.18
MW-13	736.29	1/25/2021	ND	39.28	0.00	697.01
MW-13	736.29	2/1/2021	ND	39.30	0.00	696.99
MW-13	736.29	2/8/2021	ND	39.70	0.00	696.59
MW-13	736.29	2/16/2021	ND	39.58	0.00	696.71
MW-13	736.29	2/22/2021	ND	39.56	0.00	696.73
MW-13	732.88	3/4/2021	ND	39.52	0.00	693.36
MW-13	732.88	3/8/2021	ND	39.84	0.00	693.04
MW-13	732.88	3/15/2021	ND	40.19	0.00	692.69
MW-13	732.88	3/22/2021	ND	40.24	0.00	692.64
MW-13	732.88	4/1/2021	ND	39.75	0.00	693.13
MW-13	732.88	4/12/2021	ND	39.46	0.00	693.42
MW-13	732.88	4/19/2021	ND	39.62	0.00	693.26

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-14	724.88	9/14/2020	ND	31.21	0.00	693.67
MW-14	724.88	9/18/2020	ND	31.24	0.00	693.64
MW-14	724.88	9/28/2020	ND	31.29	0.00	693.59
MW-14	724.88	10/3/2020	ND	31.28	0.00	693.60
MW-14	724.88	10/5/2020	ND	33.28	0.00	691.60
MW-14	724.88	10/19/2020	ND	31.25	0.00	693.63
MW-14	724.88	10/26/2020	ND	31.27	0.00	693.61
MW-14	724.88	11/9/2020	ND	31.18	0.00	693.70
MW-14	724.88	11/18/2020	ND	31.13	0.00	693.75
MW-14	724.88	11/23/2020	ND	31.01	0.00	693.87
MW-14	724.88	12/7/2020	ND	30.85	0.00	694.03
MW-14	724.88	12/21/2020	ND	30.82	0.00	694.06
MW-14	724.88	12/26/2020	ND	30.89	0.00	693.99
MW-14	724.88	1/10/2021	ND	30.73	0.00	694.15
MW-14	724.88	1/19/2021	ND	30.68	0.00	694.20
MW-14	724.88	1/25/2021	ND	30.49	0.00	694.39
MW-14	724.88	2/1/2021	ND	30.53	0.00	694.35
MW-14	724.88	2/8/2021	ND	30.67	0.00	694.21
MW-14	724.88	2/16/2021	ND	30.55	0.00	694.33
MW-14	724.88	2/22/2021	ND	30.34	0.00	694.54
MW-14	724.88	3/4/2021	ND	30.14	0.00	694.74
MW-14	724.88	3/8/2021	ND	30.18	0.00	694.70
MW-14	724.88	3/15/2021	ND	30.10	0.00	694.78
MW-14	724.88	3/22/2021	ND	30.06	0.00	694.82
MW-14	724.88	4/1/2021	ND	29.84	0.00	695.04
MW-14	724.88	4/12/2021	ND	29.54	0.00	695.34
MW-14	724.88	4/19/2021	ND	29.48	0.00	695.40

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Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-15	725.70	9/3/2020	ND	33.31	0.00	692.39
MW-15	725.70	9/5/2020	ND	33.38	0.00	692.32
MW-15	725.70	9/14/2020	ND	34.79	0.00	690.91
MW-15	725.70	9/18/2020	ND	34.81	0.00	690.89
MW-15	725.70	9/28/2020	ND	34.18	0.00	691.52
MW-15	725.70	10/3/2020	ND	34.89	0.00	690.81
MW-15	725.70	10/19/2020	ND	34.88	0.00	690.82
MW-15	725.70	10/26/2020	ND	34.88	0.00	690.82
MW-15	725.70	11/9/2020	ND	34.84	0.00	690.86
MW-15	725.70	11/18/2020	ND	34.85	0.00	690.85
MW-15	725.70	11/23/2020	ND	34.82	0.00	690.88
MW-15	725.70	12/7/2020	ND	35.72	0.00	689.98
MW-15	725.70	12/21/2020	ND	34.66	0.00	691.04
MW-15	725.70	12/26/2020	ND	34.70	0.00	691.00
MW-15	725.70	1/10/2021	ND	34.61	0.00	691.09
MW-15	725.70	1/19/2021	ND	34.58	0.00	691.12
MW-15	725.70	1/25/2021	ND	34.50	0.00	691.20
MW-15	725.70	2/1/2021	ND	34.50	0.00	691.20
MW-15	725.70	2/8/2021	ND	34.60	0.00	691.10
MW-15	725.70	2/16/2021	ND	34.48	0.00	691.22
MW-15	725.70	2/22/2021	ND	34.43	0.00	691.27
MW-15	725.70	3/4/2021	ND	34.32	0.00	691.38
MW-15	725.70	3/8/2021	ND	34.37	0.00	691.33
MW-15	725.70	3/15/2021	ND	34.27	0.00	691.43
MW-15	725.70	3/22/2021	ND	34.14	0.00	691.56
MW-15	725.70	4/1/2021	ND	34.03	0.00	691.67
MW-15	725.70	4/12/2021	ND	33.77	0.00	691.93
MW-15	725.70	4/19/2021	ND	33.68	0.00	692.02

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-16	725.49	9/14/2020	ND	26.02	0.00	699.47
MW-16	725.49	9/18/2020	ND	33.90	0.00	691.59
MW-16	725.49	9/28/2020	ND	33.87	0.00	691.62
MW-16	725.49	10/3/2020	ND	33.91	0.00	691.58
MW-16	725.49	10/19/2020	ND	33.89	0.00	691.60
MW-16	725.49	10/26/2020	ND	33.86	0.00	691.63
MW-16	725.49	11/9/2020	ND	33.85	0.00	691.64
MW-16	725.49	11/18/2020	ND	33.85	0.00	691.64
MW-16	725.49	11/23/2020	ND	34.78	0.00	690.71
MW-16	725.49	12/7/2020	ND	33.42	0.00	692.07
MW-16	725.49	12/21/2020	ND	33.73	0.00	691.76
MW-16	725.49	12/26/2020	ND	33.79	0.00	691.70
MW-16	725.49	1/10/2021	ND	33.73	0.00	691.76
MW-16	725.49	1/19/2021	ND	33.69	0.00	691.80
MW-16	725.49	1/25/2021	ND	33.58	0.00	691.91
MW-16	725.49	2/1/2021	ND	33.63	0.00	691.86
MW-16	725.49	2/8/2021	ND	33.71	0.00	691.78
MW-16	725.49	2/16/2021	ND	33.64	0.00	691.85
MW-16	725.49	2/22/2021	ND	33.57	0.00	691.92
MW-16	725.49	3/4/2021	ND	33.48	0.00	692.01
MW-16	725.49	3/8/2021	ND	33.55	0.00	691.94
MW-16	725.49	3/15/2021	ND	33.50	0.00	691.99
MW-16	725.49	3/22/2021	ND	33.46	0.00	692.03
MW-16	725.49	4/1/2021	ND	33.32	0.00	692.17
MW-16	725.49	4/12/2021	ND	33.16	0.00	692.33
MW-16	725.49	4/19/2021	ND	33.08	0.00	692.41

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-17	727.50	9/14/2020	ND	31.32	0.00	696.18
MW-17	727.50	9/18/2020	ND	35.71	0.00	691.79
MW-17	727.50	9/28/2020	ND	35.70	0.00	691.80
MW-17	727.50	10/3/2020	ND	35.75	0.00	691.75
MW-17	727.50	10/19/2020	ND	35.73	0.00	691.77
MW-17	727.50	10/26/2020	ND	35.72	0.00	691.78
MW-17	727.50	10/28/2020	ND	37.72	0.00	689.78
MW-17	727.50	11/9/2020	ND	35.72	0.00	691.78
MW-17	727.50	11/18/2020	ND	35.73	0.00	691.77
MW-17	727.50	11/23/2020	ND	35.68	0.00	691.82
MW-17	727.50	12/7/2020	ND	35.60	0.00	691.90
MW-17	727.50	12/21/2020	ND	35.62	0.00	691.88
MW-17	727.50	12/26/2020	ND	35.70	0.00	691.80
MW-17	727.50	1/10/2021	ND	35.68	0.00	691.82
MW-17	727.50	1/19/2021	ND	35.68	0.00	691.82
MW-17	727.50	1/25/2021	ND	35.56	0.00	691.94
MW-17	727.50	2/1/2021	ND	35.61	0.00	691.89
MW-17	727.50	2/8/2021	ND	35.73	0.00	691.77
MW-17	727.50	2/16/2021	ND	35.66	0.00	691.84
MW-17	727.50	2/22/2021	ND	35.63	0.00	691.87
MW-17	727.50	3/4/2021	ND	35.57	0.00	691.93
MW-17	727.50	3/8/2021	ND	35.63	0.00	691.87
MW-17	727.50	3/15/2021	ND	35.55	0.00	691.95
MW-17	727.50	3/22/2021	ND	35.51	0.00	691.99
MW-17	727.50	4/1/2021	ND	35.41	0.00	692.09
MW-17	727.50	4/12/2021	ND	35.17	0.00	692.33
MW-17	727.50	4/19/2021	ND	35.16	0.00	692.34

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

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-19	726.29	9/14/2020	ND	13.45	0.00	712.84
MW-19	726.29	9/18/2020	ND	31.25	0.00	695.04
MW-19	726.29	9/28/2020	ND	31.27	0.00	695.02
MW-19	726.29	10/3/2020	ND	31.28	0.00	695.01
MW-19	726.29	10/5/2020	ND	33.28	0.00	693.01
MW-19	726.29	10/19/2020	ND	31.26	0.00	695.03
MW-19	726.29	10/26/2020	ND	31.28	0.00	695.01
MW-19	726.29	11/9/2020	ND	31.30	0.00	694.99
MW-19	726.29	11/18/2020	ND	31.35	0.00	694.94
MW-19	726.29	11/23/2020	ND	31.28	0.00	695.01
MW-19	726.29	12/7/2020	ND	31.23	0.00	695.06
MW-19	726.29	12/21/2020	ND	31.30	0.00	694.99
MW-19	726.29	12/26/2020	ND	31.35	0.00	694.94
MW-19	726.29	1/10/2021	ND	31.28	0.00	695.01
MW-19	726.29	1/19/2021	ND	31.26	0.00	695.03
MW-19	726.29	1/25/2021	ND	41.09	0.00	685.20
MW-19	726.29	2/1/2021	ND	31.14	0.00	695.15
MW-19	726.29	2/8/2021	ND	31.22	0.00	695.07
MW-19	726.29	2/16/2021	ND	31.11	0.00	695.18
MW-19	726.29	2/22/2021	ND	30.92	0.00	695.37
MW-19	726.29	3/4/2021	ND	30.58	0.00	695.71
MW-19	726.29	3/8/2021	ND	30.56	0.00	695.73
MW-19	726.29	3/15/2021	ND	30.44	0.00	695.85
MW-19	726.29	3/22/2021	ND	30.42	0.00	695.87
MW-19	726.29	4/1/2021	ND	30.17	0.00	696.12
MW-19	726.29	4/12/2021	ND	29.83	0.00	696.46
MW-19	726.29	4/19/2021	ND	29.86	0.00	696.43

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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-21	724.97	9/14/2020	ND	24.99	0.00	699.98
MW-21	724.97	9/18/2020	ND	30.79	0.00	694.18
MW-21	724.97	9/28/2020	ND	30.73	0.00	694.24
MW-21	724.97	10/3/2020	ND	30.81	0.00	694.16
MW-21	724.97	10/19/2020	ND	30.76	0.00	694.21
MW-21	724.97	10/26/2020	ND	30.74	0.00	694.23
MW-21	724.97	11/9/2020	ND	30.78	0.00	694.19
MW-21	724.97	11/18/2020	ND	30.81	0.00	694.16
MW-21	724.97	11/23/2020	ND	30.76	0.00	694.21
MW-21	724.97	12/7/2020	ND	30.71	0.00	694.26
MW-21	724.97	12/21/2020	ND	30.80	0.00	694.17
MW-21	724.97	12/26/2020	ND	30.87	0.00	694.10
MW-21	724.97	1/10/2021	ND	30.92	0.00	694.05
MW-21	724.97	1/19/2021	ND	30.90	0.00	694.07
MW-21	724.97	1/25/2021	ND	30.73	0.00	694.24
MW-21	724.97	2/1/2021	ND	30.78	0.00	694.19
MW-21	724.97	2/8/2021	ND	30.93	0.00	694.04
MW-21	724.97	2/16/2021	ND	30.84	0.00	694.13
MW-21	724.97	2/22/2021	ND	30.82	0.00	694.15
MW-21	724.97	3/4/2021	ND	30.80	0.00	694.17
MW-21	724.97	3/8/2021	ND	30.91	0.00	694.06
MW-21	724.97	3/15/2021	ND	30.81	0.00	694.16
MW-21	724.97	3/22/2021	ND	30.78	0.00	694.19
MW-21	724.97	4/1/2021	ND	30.71	0.00	694.26
MW-21	724.97	4/12/2021	ND	30.56	0.00	694.41
MW-21	724.97	4/19/2021	ND	30.48	0.00	694.49

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-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

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-23	724.32	9/14/2020	ND	30.06	0.00	694.26
MW-23	724.32	9/18/2020	ND	30.38	0.00	693.94
MW-23	724.32	9/28/2020	ND	29.82	0.00	694.50
MW-23	723.81	10/3/2020	ND	29.86	0.00	693.95
MW-23	723.81	10/19/2020	ND	29.81	0.00	694.00
MW-23	723.81	10/26/2020	ND	29.78	0.00	694.03
MW-23	723.81	11/9/2020	ND	29.79	0.00	694.02
MW-23	723.81	11/18/2020	ND	29.82	0.00	693.99
MW-23	723.81	11/23/2020	ND	30.79	0.00	693.02
MW-23	723.81	12/7/2020	ND	29.73	0.00	694.08
MW-23	723.81	12/21/2020	ND	29.79	0.00	694.02
MW-23	723.81	12/26/2020	ND	28.10	0.00	695.71
MW-23	723.81	1/10/2021	ND	29.88	0.00	693.93
MW-23	723.81	1/19/2021	ND	29.57	0.00	694.24
MW-23	723.81	1/25/2021	ND	29.74	0.00	694.07
MW-23	723.81	2/1/2021	ND	29.76	0.00	694.05
MW-23	723.81	2/8/2021	ND	29.89	0.00	693.92
MW-23	723.81	2/16/2021	ND	29.80	0.00	694.01
MW-23	723.81	2/22/2021	ND	29.75	0.00	694.06
MW-23	723.74	3/4/2021	ND	29.74	0.00	694.00
MW-23	723.74	3/8/2021	ND	29.83	0.00	693.91
MW-23	723.74	3/15/2021	ND	29.74	0.00	694.00
MW-23	723.74	3/22/2021	ND	29.71	0.00	694.03
MW-23	724.74	4/1/2021	ND	29.65	0.00	695.09
MW-23	724.74	4/12/2021	ND	29.51	0.00	695.23
MW-23	725.41	4/19/2021	ND	29.30	0.00	696.11

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-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

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation² (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

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-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

Table 3
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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-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

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Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-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

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Well ID	Top Of Casing Elevation¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation² (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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Top Of Casing Elevation¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation² (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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-32	691.78	9/14/2020	ND	16.19	0.00	675.59
MW-32	691.78	9/18/2020	ND	16.06	0.00	675.72
MW-32	691.78	9/28/2020	ND	15.63	0.00	676.15
MW-32	691.78	10/3/2020	ND	15.73	0.00	676.05
MW-32	691.78	10/19/2020	ND	15.09	0.00	676.69
MW-32	691.78	10/26/2020	ND	14.98	0.00	676.80
MW-32	691.78	11/9/2020	ND	14.57	0.00	677.21
MW-32	691.78	11/18/2020	ND	14.38	0.00	677.40
MW-32	691.78	11/23/2020	ND	14.11	0.00	677.67
MW-32	691.78	12/7/2020	ND	13.60	0.00	678.18
MW-32	691.78	12/21/2020	ND	13.31	0.00	678.47
MW-32	691.78	12/26/2020	ND	13.47	0.00	678.31
MW-32	691.78	1/10/2021	ND	13.21	0.00	678.57
MW-32	691.78	1/19/2021	ND	13.16	0.00	678.62
MW-32	691.78	1/25/2021	ND	12.82	0.00	678.96
MW-32	691.78	2/1/2021	ND	12.35	0.00	679.43
MW-32	691.78	2/8/2021	ND	12.72	0.00	679.06
MW-32	691.78	2/16/2021	ND	11.97	0.00	679.81
MW-32	691.78	2/22/2021	ND	11.70	0.00	680.08
MW-32	691.78	3/4/2021	ND	11.47	0.00	680.31
MW-32	691.78	3/8/2021	ND	11.84	0.00	679.94
MW-32	691.78	3/15/2021	ND	11.67	0.00	680.11
MW-32	691.78	3/22/2021	ND	11.22	0.00	680.56
MW-32	691.78	4/1/2021	ND	10.69	0.00	681.09
MW-32	691.78	4/12/2021	ND	10.61	0.00	681.17
MW-32	691.78	4/19/2021	ND	10.83	0.00	680.95

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-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

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Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-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

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-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

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-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

Table 3
Summary of Monitoring Well Gauging Data

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

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Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation² (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

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-39	738.13	9/14/2020	ND	41.90	0.00	696.23
MW-39	738.13	9/18/2020	ND	38.31	0.00	699.82
MW-39	738.13	9/28/2020	ND	38.33	0.00	699.80
MW-39	738.13	10/3/2020	ND	38.58	0.00	699.55
MW-39	738.13	10/19/2020	38.51	39.71	1.20	699.30
MW-39	738.13	11/9/2020	38.48	39.04	0.56	699.50
MW-39	738.13	11/18/2020	ARP	ARP	ARP	ARP
MW-39	738.13	11/23/2020	37.85	38.95	1.10	699.98
MW-39	738.13	12/7/2020	ARP	ARP	ARP	ARP
MW-39	738.13	12/21/2020	ARP	ARP	ARP	ARP
MW-39	738.13	12/26/2020	30.20	30.31	0.11	707.90
MW-39	738.13	1/10/2021	ARP	ARP	ARP	ARP
MW-39	738.13	1/19/2021	ARP	ARP	ARP	ARP
MW-39	738.13	1/25/2021	ARP	ARP	ARP	ARP
MW-39	738.13	2/1/2021	39.66	39.95	0.29	698.39
MW-39	738.13	2/8/2021	ARP	ARP	ARP	ARP
MW-39	738.13	2/16/2021	ARP	ARP	ARP	ARP
MW-39	738.13	2/22/2021	ARP	ARP	ARP	ARP
MW-39	738.13	3/4/2021	ND	40.02	0.00	698.11
MW-39	738.13	3/8/2021	ARP	ARP	ARP	ARP
MW-39	738.13	3/15/2021	ARP	ARP	ARP	ARP
MW-39	738.13	3/22/2021	ARP	ARP	ARP	ARP
MW-39	733.86	4/1/2021	40.24	40.97	0.73	693.42
MW-39	733.86	4/12/2021	ARP	ARP	ARP	ARP
MW-39	733.86	4/19/2021	ARP	ARP	ARP	ARP

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Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-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

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-41	745.92	9/14/2020	ND	53.40	0.00	692.52
MW-41	745.92	9/18/2020	ND	53.40	0.00	692.52
MW-41	745.92	9/28/2020	ND	53.36	0.00	692.56
MW-41	745.92	10/3/2020	ND	53.49	0.00	692.43
MW-41	745.92	10/19/2020	ND	53.51	0.00	692.41
MW-41	745.92	10/26/2020	ND	53.49	0.00	692.43
MW-41	745.92	11/9/2020	ND	53.53	0.00	692.39
MW-41	745.92	11/18/2020	ND	53.63	0.00	692.29
MW-41	745.92	11/23/2020	ND	53.60	0.00	692.32
MW-41	745.92	12/7/2020	ND	53.54	0.00	692.38
MW-41	745.92	12/21/2020	ND	53.82	0.00	692.10
MW-41	745.92	12/26/2020	ND	53.77	0.00	692.15
MW-41	745.92	1/10/2021	ND	54.28	0.00	691.64
MW-41	745.92	1/19/2021	ND	54.35	0.00	691.57
MW-41	745.92	1/25/2021	ND	54.28	0.00	691.64
MW-41	745.92	2/1/2021	ND	54.22	0.00	691.70
MW-41	745.92	2/8/2021	ND	54.64	0.00	691.28
MW-41	745.92	2/16/2021	ND	54.20	0.00	691.72
MW-41	745.92	2/22/2021	ND	54.11	0.00	691.81
MW-41	745.92	3/4/2021	ND	54.09	0.00	691.83
MW-41	745.92	3/8/2021	ND	54.32	0.00	691.60
MW-41	745.92	3/15/2021	ND	54.50	0.00	691.42
MW-41	745.92	3/22/2021	ND	54.41	0.00	691.51
MW-41	745.92	4/1/2021	ND	54.34	0.00	691.58
MW-41	745.92	4/12/2021	ND	54.51	0.00	691.41
MW-41	745.92	4/19/2021	ND	54.55	0.00	691.37

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-42	735.71	9/14/2020	ND	41.33	0.00	694.38
MW-42	735.71	9/18/2020	ND	38.15	0.00	697.56
MW-42	735.71	9/28/2020	ND	38.14	0.00	697.57
MW-42	735.71	10/3/2020	ND	38.25	0.00	697.46
MW-42	735.71	10/19/2020	ND	38.31	0.00	697.40
MW-42	735.71	10/26/2020	ND	38.36	0.00	697.35
MW-42	735.71	11/9/2020	ND	38.44	0.00	697.27
MW-42	735.71	11/18/2020	ND	38.57	0.00	697.14
MW-42	735.71	11/23/2020	ND	38.42	0.00	697.29
MW-42	735.71	12/7/2020	ND	38.40	0.00	697.31
MW-42	735.71	12/21/2020	ND	38.50	0.00	697.21
MW-42	735.71	12/26/2020	ND	38.61	0.00	697.10
MW-42	735.71	1/10/2021	ND	38.74	0.00	696.97
MW-42	735.71	1/19/2021	ND	38.71	0.00	697.00
MW-42	735.71	1/25/2021	ND	38.93	0.00	696.78
MW-42	735.71	2/1/2021	ND	38.97	0.00	696.74
MW-42	735.71	2/8/2021	ND	39.26	0.00	696.45
MW-42	735.71	2/16/2021	ND	39.10	0.00	696.61
MW-42	735.71	2/22/2021	ND	39.13	0.00	696.58
MW-42	732.48	3/4/2021	ND	39.05	0.00	693.43
MW-42	732.48	3/8/2021	ND	39.29	0.00	693.19
MW-42	732.48	3/15/2021	ND	39.53	0.00	692.95
MW-42	732.48	3/22/2021	ND	39.61	0.00	692.87
MW-42	732.48	4/1/2021	ND	39.22	0.00	693.26
MW-42	732.48	4/12/2021	ND	38.98	0.00	693.50
MW-42	732.48	4/19/2021	ND	39.00	0.00	693.48

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-43	729.80	9/14/2020	ND	38.27	0.00	691.53
MW-43	729.80	9/18/2020	ND	38.30	0.00	691.50
MW-43	729.80	9/28/2020	ND	38.33	0.00	691.47
MW-43	729.80	10/3/2020	ND	38.52	0.00	691.28
MW-43	729.80	10/19/2020	ND	38.49	0.00	691.31
MW-43	729.80	10/26/2020	ND	38.52	0.00	691.28
MW-43	729.80	11/9/2020	ND	38.49	0.00	691.31
MW-43	729.80	11/18/2020	ND	38.55	0.00	691.25
MW-43	729.80	11/23/2020	ND	39.51	0.00	690.29
MW-43	729.80	12/7/2020	ND	38.40	0.00	691.40
MW-43	729.80	12/21/2020	ND	38.50	0.00	691.30
MW-43	729.80	12/26/2020	ND	38.58	0.00	691.22
MW-43	729.80	1/10/2021	ND	38.60	0.00	691.20
MW-43	729.80	1/19/2021	ND	38.70	0.00	691.10
MW-43	729.80	1/25/2021	ND	48.67	0.00	681.13
MW-43	729.80	2/1/2021	ND	38.74	0.00	691.06
MW-43	729.80	2/8/2021	ND	39.01	0.00	690.79
MW-43	729.80	2/16/2021	ND	38.84	0.00	690.96
MW-43	729.80	2/22/2021	ND	38.78	0.00	691.02
MW-43	729.80	3/4/2021	ND	38.65	0.00	691.15
MW-43	729.80	3/8/2021	ND	38.84	0.00	690.96
MW-43	729.80	3/15/2021	ND	38.78	0.00	691.02
MW-43	729.80	3/22/2021	ND	38.71	0.00	691.09
MW-43	729.80	4/1/2021	ND	38.61	0.00	691.19
MW-43	729.80	4/12/2021	ND	38.44	0.00	691.36
MW-43	729.80	4/19/2021	ND	38.44	0.00	691.36

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-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

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Well ID	Top Of Casing Elevation¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation² (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

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-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

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

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-48	723.09	9/18/2020	ND	33.44	0.00	689.65
MW-48	723.09	9/28/2020	ND	33.38	0.00	689.71
MW-48	723.09	10/3/2020	ND	33.57	0.00	689.52
MW-48	723.09	10/19/2020	ND	33.63	0.00	689.46
MW-48	723.09	10/26/2020	ND	33.65	0.00	689.44
MW-48	723.09	11/9/2020	ND	33.58	0.00	689.51
MW-48	723.09	11/18/2020	ND	33.64	0.00	689.45
MW-48	723.09	11/23/2020	ND	33.56	0.00	689.53
MW-48	723.09	12/7/2020	33.30	33.70	0.40	689.68
MW-48	723.09	12/21/2020	ARP	ARP	ARP	ARP
MW-48	723.09	12/26/2020	33.79	34.51	0.72	689.10
MW-48	723.09	1/10/2021	ARP	ARP	ARP	ARP
MW-48	723.09	1/19/2021	ARP	ARP	ARP	ARP
MW-48	723.09	1/25/2021	ARP	ARP	ARP	ARP
MW-48	723.09	2/1/2021	32.85	38.05	5.20	688.85
MW-48	723.09	2/8/2021	ARP	ARP	ARP	ARP
MW-48	723.09	2/16/2021	ARP	ARP	ARP	ARP
MW-48	723.09	2/22/2021	ARP	ARP	ARP	ARP
MW-48	723.57	3/4/2021	33.73	34.80	1.07	689.55
MW-48	723.57	3/15/2021	ARP	ARP	ARP	ARP
MW-48	723.57	3/22/2021	ARP	ARP	ARP	ARP
MW-48	723.57	4/1/2021	33.45	35.18	1.73	689.66
MW-48	723.57	4/12/2021	ARP	ARP	ARP	ARP
MW-48	723.57	4/19/2021	ARP	ARP	ARP	ARP

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-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

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-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

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-51	731.20	9/18/2020	ND	31.34	0.00	699.86
MW-51	731.20	9/28/2020	ND	37.08	0.00	694.12
MW-51	731.20	10/3/2020	ND	37.18	0.00	694.02
MW-51	731.20	10/19/2020	ND	37.18	0.00	694.02
MW-51	731.20	10/26/2020	ND	37.19	0.00	694.01
MW-51	731.20	11/9/2020	ND	37.18	0.00	694.02
MW-51	731.20	11/18/2020	ND	37.27	0.00	693.93
MW-51	731.20	11/23/2020	ND	37.10	0.00	694.10
MW-51	731.20	12/7/2020	ND	37.03	0.00	694.17
MW-51	731.20	12/21/2020	ND	37.08	0.00	694.12
MW-51	731.20	12/26/2020	ND	37.18	0.00	694.02
MW-51	731.20	1/10/2021	ND	37.20	0.00	694.00
MW-51	731.20	1/19/2021	ND	37.19	0.00	694.01
MW-51	731.20	1/25/2021	ND	37.07	0.00	694.13
MW-51	731.20	2/1/2021	ND	37.16	0.00	694.04
MW-51	731.20	2/8/2021	ND	37.51	0.00	693.69
MW-51	731.20	2/16/2021	ND	37.38	0.00	693.82
MW-51	731.20	2/22/2021	ND	37.29	0.00	693.91
MW-51	731.20	3/4/2021	ND	37.22	0.00	693.98
MW-51	731.20	3/8/2021	ND	37.31	0.00	693.89
MW-51	731.20	3/15/2021	ND	37.31	0.00	693.89
MW-51	731.20	3/22/2021	ND	37.30	0.00	693.90
MW-51	731.20	4/1/2021	ND	37.09	0.00	694.11
MW-51	731.20	4/12/2021	ND	36.86	0.00	694.34
MW-51	731.20	4/9/2021	ND	36.85	0.00	694.35

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-52	722.94	10/3/2020	ND	33.48	0.00	689.46
MW-52	722.94	10/19/2020	ND	33.56	0.00	689.38
MW-52	722.94	10/21/2020	ND	35.56	0.00	687.38
MW-52	722.94	10/26/2020	ND	33.60	0.00	689.34
MW-52	722.94	11/9/2020	ND	33.52	0.00	689.42
MW-52	722.94	11/18/2020	ND	33.59	0.00	689.35
MW-52	722.94	11/23/2020	ND	33.51	0.00	689.43
MW-52	722.94	12/7/2020	ND	33.36	0.00	689.58
MW-52	722.94	12/21/2020	ND	33.54	0.00	689.40
MW-52	722.94	12/26/2020	ND	33.49	0.00	689.45
MW-52	722.94	1/10/2021	ND	33.58	0.00	689.36
MW-52	722.94	1/19/2021	ND	33.89	0.00	689.05
MW-52	722.94	1/25/2021	ND	33.83	0.00	689.11
MW-52	722.94	2/1/2021	ND	33.72	0.00	689.22
MW-52	722.94	2/8/2021	ND	34.31	0.00	688.63
MW-52	722.94	2/16/2021	ND	33.91	0.00	689.03
MW-52	722.94	2/22/2021	ND	33.83	0.00	689.11
MW-52	722.94	3/4/2021	ND	33.44	0.00	689.50
MW-52	722.94	3/8/2021	ND	33.78	0.00	689.16
MW-52	722.94	3/15/2021	ND	33.78	0.00	689.16
MW-52	722.94	3/22/2021	ND	33.66	0.00	689.28
MW-52	722.94	4/1/2021	ND	33.34	0.00	689.60
MW-52	722.94	4/12/2021	ND	24.45	0.00	698.49
MW-52	722.94	4/19/2021	ND	33.47	0.00	689.47

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Well ID	Top Of Casing Elevation¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation² (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

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-54	707.97	10/3/2020	ND	25.60	0.00	682.37
MW-54	707.97	10/19/2020	ND	25.41	0.00	682.56
MW-54	707.97	10/26/2020	ND	25.35	0.00	682.62
MW-54	707.97	11/9/2020	ND	25.26	0.00	682.71
MW-54	707.97	11/18/2020	ND	25.16	0.00	682.81
MW-54	707.97	11/23/2020	ND	25.06	0.00	682.91
MW-54	707.97	12/7/2020	ND	24.79	0.00	683.18
MW-54	707.97	12/21/2020	ND	24.74	0.00	683.23
MW-54	707.97	12/26/2020	ND	24.74	0.00	683.23
MW-54	707.97	1/10/2021	ND	24.61	0.00	683.36
MW-54	707.97	1/19/2021	ND	24.96	0.00	683.01
MW-54	707.97	1/25/2021	ND	25.08	0.00	682.89
MW-54	707.97	2/1/2021	ND	25.08	0.00	682.89
MW-54	707.97	2/8/2021	ND	25.27	0.00	682.70
MW-54	707.97	2/16/2021	ND	24.82	0.00	683.15
MW-54	707.97	2/22/2021	ND	24.41	0.00	683.56
MW-54	707.97	3/4/2021	ND	24.07	0.00	683.90
MW-54	707.97	3/8/2021	ND	24.43	0.00	683.54
MW-54	707.97	3/15/2021	ND	24.45	0.00	683.52
MW-54	707.97	3/22/2021	ND	24.61	0.00	683.36
MW-54	707.97	4/1/2021	ND	24.01	0.00	683.96
MW-54	707.97	4/12/2021	ND	24.34	0.00	683.63
MW-54	707.97	4/19/2021	ND	24.71	0.00	683.26

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-55	745.50	10/3/2020	ND	55.30	0.00	690.20
MW-55	745.50	10/19/2020	ND	53.23	0.00	692.27
MW-55	745.50	10/26/2020	ND	53.20	0.00	692.30
MW-55	745.50	11/9/2020	ND	53.28	0.00	692.22
MW-55	745.50	11/18/2020	ND	53.63	0.00	691.87
MW-55	745.50	11/23/2020	ND	53.29	0.00	692.21
MW-55	745.50	12/7/2020	ARP	ARP	ARP	ARP
MW-55	745.50	12/21/2020	ARP	ARP	ARP	ARP
MW-55	745.50	12/26/2020	51.17	53.54	2.37	693.70
MW-55	745.50	1/10/2021	ARP	ARP	ARP	ARP
MW-55	745.50	1/19/2021	ARP	ARP	ARP	ARP
MW-55	745.50	1/25/2021	ARP	ARP	ARP	ARP
MW-55	745.50	2/1/2021	51.41	54.29	2.88	693.32
MW-55	745.50	2/8/2021	ARP	ARP	ARP	ARP
MW-55	745.50	2/16/2021	ARP	ARP	ARP	ARP
MW-55	745.50	2/22/2021	ARP	ARP	ARP	ARP
MW-55	743.95	3/4/2021	51.43	54.04	2.61	691.82
MW-55	743.95	3/15/2021	ARP	ARP	ARP	ARP
MW-55	743.95	3/22/2021	ARP	ARP	ARP	ARP
MW-55	743.95	4/1/2021	51.71	54.01	2.30	691.63
MW-55	743.95	4/12/2021	ARP	ARP	ARP	ARP
MW-55	743.95	4/19/2021	ARP	ARP	ARP	ARP

Table 3
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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-56	681.53	10/3/2020	ND	12.27	0.00	669.26
MW-56	681.53	10/19/2020	ND	11.86	0.00	669.67
MW-56	681.53	10/26/2020	ND	11.76	0.00	669.77
MW-56	681.53	11/9/2020	ND	11.36	0.00	670.17
MW-56	681.53	11/18/2020	ND	11.11	0.00	670.42
MW-56	681.53	11/23/2020	ND	10.95	0.00	670.58
MW-56	681.53	12/7/2020	ND	10.49	0.00	671.04
MW-56	681.53	12/21/2020	ND	10.16	0.00	671.37
MW-56	681.53	12/26/2020	ND	10.30	0.00	671.23
MW-56	681.53	1/10/2021	ND	10.04	0.00	671.49
MW-56	681.53	1/19/2021	ND	10.03	0.00	671.50
MW-56	681.53	1/25/2021	ND	9.82	0.00	671.71
MW-56	681.53	2/1/2021	ND	9.33	0.00	672.20
MW-56	681.53	2/8/2021	ND	9.68	0.00	671.85
MW-56	681.53	2/16/2021	ND	8.94	0.00	672.59
MW-56	681.53	2/22/2021	ND	5.72	0.00	675.81
MW-56	681.53	3/4/2021	ND	8.62	0.00	672.91
MW-56	681.53	3/8/2021	ND	8.99	0.00	672.54
MW-56	681.53	3/15/2021	ND	9.04	0.00	672.49
MW-56	681.53	3/22/2021	ND	8.61	0.00	672.92
MW-56	681.53	4/1/2021	ND	8.19	0.00	673.34
MW-56	681.53	4/12/2021	ND	8.28	0.00	673.25
MW-56	681.53	4/19/2021	ND	8.58	0.00	672.95

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-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

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Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation² (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

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Well ID	Top Of Casing Elevation¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation² (ft btoc)
MW-59	719.38	10/3/2020	ND	31.26	0.00	688.12
MW-59	719.38	10/19/2020	ND	31.19	0.00	688.19
MW-59	719.38	10/26/2020	ND	31.18	0.00	688.20
MW-59	719.38	10/28/2020	ND	33.18	0.00	686.20
MW-59	719.38	11/9/2020	ND	31.03	0.00	688.35
MW-59	719.38	11/18/2020	ND	31.05	0.00	688.33
MW-59	719.38	11/23/2020	ND	30.99	0.00	688.39
MW-59	719.38	12/7/2020	ND	30.76	0.00	688.62
MW-59	719.38	12/21/2020	ND	37.80	0.00	681.58
MW-59	719.38	12/26/2020	ND	30.83	0.00	688.55
MW-59	719.38	1/10/2021	ND	30.68	0.00	688.70
MW-59	719.38	1/19/2021	ND	30.70	0.00	688.68
MW-59	719.38	1/25/2021	ND	30.61	0.00	688.77
MW-59	719.38	2/1/2021	ND	30.57	0.00	688.81
MW-59	719.38	2/8/2021	ND	30.78	0.00	688.60
MW-59	719.38	2/16/2021	ND	30.55	0.00	688.83
MW-59	719.38	2/22/2021	ND	30.43	0.00	688.95
MW-59	719.38	3/4/2021	ND	30.25	0.00	689.13
MW-59	719.38	3/8/2021	ND	30.36	0.00	689.02
MW-59	719.38	3/15/2021	ND	30.24	0.00	689.14
MW-59	719.38	3/22/2021	ND	30.10	0.00	689.28
MW-59	719.38	4/1/2021	ND	29.96	0.00	689.42
MW-59	719.38	4/12/2021	ND	29.67	0.00	689.71
MW-59	719.38	4/19/2021	ND	29.64	0.00	689.74

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-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

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Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-61	746.57	11/9/2020	ND	52.13	0.00	694.44
MW-61	746.57	11/18/2020	NM	NM	NM	NM
MW-61	746.57	11/23/2020	ND	54.01	0.00	692.56
MW-61	746.57	12/7/2020	ND	54.29	0.00	692.28
MW-61	746.57	12/21/2020	ARP	ARP	ARP	ARP
MW-61	746.57	12/26/2020	54.43	54.96	0.53	692.00
MW-61	746.57	1/10/2021	ARP	ARP	ARP	ARP
MW-61	746.57	1/19/2021	ARP	ARP	ARP	ARP
MW-61	746.57	1/25/2021	ARP	ARP	ARP	ARP
MW-61	746.57	2/1/2021	54.76	55.03	0.27	691.73
MW-61	746.57	2/8/2021	ARP	ARP	ARP	ARP
MW-61	746.57	2/16/2021	ARP	ARP	ARP	ARP
MW-61	746.57	2/22/2021	ARP	ARP	ARP	ARP
MW-61	746.57	3/4/2021	54.61	55.37	0.76	691.76
MW-61	746.57	3/8/2021	ARP	ARP	ARP	ARP
MW-61	746.57	3/15/2021	ARP	ARP	ARP	ARP
MW-61	746.57	3/22/2021	ARP	ARP	ARP	ARP
MW-61	746.60	4/1/2021	54.86	55.06	0.20	691.68
MW-61	746.60	4/12/2021	ARP	ARP	ARP	ARP
MW-61	746.60	4/19/2021	ARP	ARP	ARP	ARP

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Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-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-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

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-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-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

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-66	731.43	12/26/2020	ND	40.59	0.00	690.84
MW-66	731.43	1/10/2021	ND	38.40	0.00	693.03
MW-66	731.43	1/19/2021	ND	38.36	0.00	693.07
MW-66	731.43	1/25/2021	ND	28.38	0.00	703.05
MW-66	731.43	2/1/2021	ND	38.48	0.00	692.95
MW-66	731.43	2/8/2021	ND	38.69	0.00	692.74
MW-66	731.43	2/16/2021	ND	38.49	0.00	692.94
MW-66	731.43	2/22/2021	ND	38.46	0.00	692.97
MW-66	731.43	3/4/2021	ND	38.43	0.00	693.00
MW-66	731.43	3/8/2021	ND	38.54	0.00	692.89
MW-66	731.43	3/15/2021	ND	38.50	0.00	692.93
MW-66	731.43	3/22/2021	ND	38.57	0.00	692.86
MW-66	731.43	4/1/2021	ND	38.46	0.00	692.97
MW-66	731.43	4/12/2021	ND	38.35	0.00	693.08
MW-66	731.43	4/19/2021	ND	38.34	0.00	693.09
MW-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

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-68	731.84	12/26/2020	ND	38.03	0.00	693.81
MW-68	731.84	1/10/2021	ND	38.12	0.00	693.72
MW-68	731.84	1/19/2021	ND	38.09	0.00	693.75
MW-68	731.84	1/25/2021	ND	28.22	0.00	703.62
MW-68	731.84	2/1/2021	ND	38.28	0.00	693.56
MW-68	731.84	2/8/2021	ND	38.55	0.00	693.29
MW-68	731.84	2/16/2021	ND	38.38	0.00	693.46
MW-68	731.84	2/22/2021	ND	38.30	0.00	693.54
MW-68	731.84	3/4/2021	ND	38.28	0.00	693.56
MW-68	731.84	3/8/2021	ND	38.47	0.00	693.37
MW-68	731.84	3/15/2021	ND	38.60	0.00	693.24
MW-68	731.84	3/22/2021	ND	38.63	0.00	693.21
MW-68	731.84	4/1/2021	ND	38.36	0.00	693.48
MW-68	731.84	4/12/2021	ND	38.18	0.00	693.66
MW-68	731.84	4/19/2021	ND	38.19	0.00	693.65
MW-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

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-70	728.08	12/26/2020	ND	35.82	0.00	692.26
MW-70	728.08	1/10/2021	ND	35.83	0.00	692.25
MW-70	728.08	1/19/2021	ND	35.86	0.00	692.22
MW-70	728.08	1/25/2021	ND	35.82	0.00	692.26
MW-70	728.08	2/1/2021	ND	35.85	0.00	692.23
MW-70	728.08	2/8/2021	ND	36.01	0.00	692.07
MW-70	728.08	2/16/2021	ND	35.82	0.00	692.26
MW-70	728.08	2/22/2021	ND	35.79	0.00	692.29
MW-70	728.08	3/4/2021	ND	35.76	0.00	692.32
MW-70	728.08	3/8/2021	ND	35.85	0.00	692.23
MW-70	728.08	3/15/2021	ND	35.75	0.00	692.33
MW-70	728.08	3/22/2021	ND	35.70	0.00	692.38
MW-70	728.08	4/1/2021	ND	35.59	0.00	692.49
MW-70	728.08	4/12/2021	ND	35.53	0.00	692.55
MW-70	728.08	4/19/2021	ND	35.53	0.00	692.55
MW-71	746.97	1/19/2021	ND	52.15	0.00	694.82
MW-71	746.97	1/25/2021	ND	55.34	0.00	691.63
MW-71	746.97	2/1/2021	ND	55.33	0.00	691.64
MW-71	746.97	2/8/2021	ND	55.61	0.00	691.36
MW-71	746.97	2/16/2021	ND	55.31	0.00	691.66
MW-71	746.97	2/22/2021	ND	55.25	0.00	691.72
MW-71	746.97	3/4/2021	ND	55.26	0.00	691.71
MW-71	746.97	3/8/2021	ND	55.40	0.00	691.57
MW-71	746.97	3/15/2021	ND	55.42	0.00	691.55
MW-71	746.97	3/22/2021	ND	55.41	0.00	691.56
MW-71	746.97	4/1/2021	ND	55.36	0.00	691.61
MW-71	746.97	4/12/2021	ND	55.46	0.00	691.51
MW-71	746.97	4/19/2021	ND	55.47	0.00	691.50
MW-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

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-73	726.44	1/25/2021	ND	32.67	0.00	693.77
MW-73	726.44	2/1/2021	ND	32.68	0.00	693.76
MW-73	726.44	2/8/2021	ND	32.75	0.00	693.69
MW-73	726.44	2/16/2021	ND	32.54	0.00	693.90
MW-73	726.44	2/22/2021	ND	32.17	0.00	694.27
MW-73	726.44	3/4/2021	ND	31.94	0.00	694.50
MW-73	726.44	3/8/2021	ND	31.99	0.00	694.45
MW-73	726.44	3/15/2021	ND	31.86	0.00	694.58
MW-73	726.44	3/22/2021	ND	31.71	0.00	694.73
MW-73	726.44	4/1/2021	ND	31.39	0.00	695.05
MW-73	726.44	4/12/2021	ND	31.07	0.00	695.37
MW-73	726.44	4/19/2021	ND	30.97	0.00	695.47
MW-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-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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-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-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-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-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

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-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-81	723.10	3/4/2021	ND	30.33	0.00	692.77
MW-81	723.10	3/8/2021	ND	30.34	0.00	692.76
MW-81	723.10	3/15/2021	ND	30.19	0.00	692.91
MW-81	723.10	3/22/2021	ND	30.09	0.00	693.01
MW-81	723.10	4/1/2021	ND	29.99	0.00	693.11
MW-81	723.10	4/12/2021	ND	29.79	0.00	693.31
MW-81	723.10	4/19/2021	ND	29.66	0.00	693.44
MW-82	724.48	3/4/2021	ND	32.38	0.00	692.10
MW-82	724.48	3/8/2021	ND	32.39	0.00	692.09
MW-82	724.48	3/15/2021	ND	32.25	0.00	692.23
MW-82	724.48	3/22/2021	ND	32.04	0.00	692.44
MW-82	724.48	4/1/2021	ND	31.86	0.00	692.62
MW-82	724.48	4/12/2021	ND	32.54	0.00	691.94
MW-82	724.48	4/19/2021	ND	31.35	0.00	693.13
MW-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

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-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-85	727.75	3/11/2021	31.56	37.17	5.61	694.69
MW-85	727.75	3/15/2021	31.38	37.60	6.22	694.70
MW-85	727.75	3/22/2021	32.39	37.59	5.20	693.97
MW-85	725.67	4/1/2021	25.09	35.52	10.43	697.79
MW-85	725.67	4/12/2021	28.85	34.99	6.14	695.18
MW-85	725.67	4/19/2021	28.75	34.99	6.24	695.25
MW-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
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

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-14D	722.75	3/4/2021	ND	28.64	0.00	694.11
MW-14D	722.75	3/8/2021	ND	28.36	0.00	694.39
MW-14D	722.75	3/15/2021	ND	28.25	0.00	694.50
MW-14D	722.75	3/22/2021	ND	28.23	0.00	694.52
MW-14D	724.93	4/1/2021	ND	25.30	0.00	699.63
MW-14D	724.93	4/12/2021	ND	29.77	0.00	695.16
MW-14D	724.93	4/19/2021	ND	29.72	0.00	695.21
MW-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

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-36D	710.81	12/7/2020	ND	24.81	0.00	686.00
MW-36D	710.81	12/21/2020	ND	24.46	0.00	686.35
MW-36D	710.81	12/26/2020	ND	24.49	0.00	686.32
MW-36D	710.81	1/19/2021	ND	24.14	0.00	686.67
MW-36D	710.81	1/25/2021	ND	34.19	0.00	676.62
MW-36D	710.81	2/1/2021	ND	24.21	0.00	686.60
MW-36D	710.81	2/8/2021	ND	24.12	0.00	686.69
MW-36D	710.81	2/16/2021	ND	23.93	0.00	686.88
MW-36D	710.81	2/22/2021	ND	26.35	0.00	684.46
MW-36D	710.81	3/4/2021	ND	23.44	0.00	687.37
MW-36D	710.81	3/8/2021	ND	33.42	0.00	677.39
MW-36D	710.81	3/15/2021	ND	23.40	0.00	687.41
MW-36D	710.81	3/22/2021	ND	23.28	0.00	687.53
MW-36D	710.81	4/1/2021	ND	NM	NM	NM
MW-36D	710.81	4/12/2021	ND	NM	NM	NM
MW-36D	710.81	4/19/2021	ND	NM	NM	NM
MW-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

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-59D	720.98	12/7/2020	ND	60.12	0.00	660.86
MW-59D	720.98	12/21/2020	ND	35.43	0.00	685.55
MW-59D	720.98	12/26/2020	ND	34.71	0.00	686.27
MW-59D	720.98	1/10/2021	ND	38.82	0.00	682.16
MW-59D	720.98	1/19/2021	ND	34.70	0.00	686.28
MW-59D	720.98	1/25/2021	ND	34.36	0.00	686.62
MW-59D	720.98	2/1/2021	ND	34.04	0.00	686.94
MW-59D	720.98	2/8/2021	ND	33.93	0.00	687.05
MW-59D	720.98	2/16/2021	ND	36.06	0.00	684.92
MW-59D	720.98	2/22/2021	ND	33.99	0.00	686.99
MW-59D	720.98	3/4/2021	ND	33.47	0.00	687.51
MW-59D	720.98	3/8/2021	ND	33.46	0.00	687.52
MW-59D	720.98	3/15/2021	ND	34.11	0.00	686.87
MW-59D	720.98	3/22/2021	ND	33.37	0.00	687.61
MW-59D	720.98	4/1/2021	ND	25.85	0.00	695.13
MW-59D	720.98	4/12/2021	ND	65.32	0.00	655.66
MW-59D	720.98	4/19/2021	ND	62.76	0.00	658.22
MW-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

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-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-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

Table 3
Summary of Monitoring Well Gauging Data

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Huntersville, North Carolina

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-79D	720.52	3/4/2021	ND	85.61	0.00	634.91
MW-79D	720.52	3/8/2021	ND	42.71	0.00	677.81
MW-79D	720.52	3/15/2021	ND	44.79	0.00	675.73
MW-79D	720.52	3/22/2021	ND	44.53	0.00	675.99
MW-79D	721.56	4/1/2021	ND	40.69	0.00	680.87
MW-79D	721.56	4/12/2021	ND	41.05	0.00	680.51
MW-79D	721.56	4/19/2021	ND	41.85	0.00	679.71

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)

* = Top Of Casing resurveyed

** = Initial well reinstalled

Table 4
Summary of Recovery Well Gauging Data

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

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

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
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-04	729.41	9/3/2020	36.10	37.60	1.50	692.91
RW-04	729.41	9/5/2020	32.10	35.81	3.71	696.32
RW-04	729.41	9/8/2020	31.35	36.20	4.85	696.76
RW-04	729.41	9/11/2020	31.85	34.85	3.00	696.76
RW-04	729.41	9/12/2020	32.60	35.15	2.55	696.13
RW-04	729.41	9/14/2020	31.00	35.00	4.00	697.34
RW-04	729.41	9/18/2020	30.60	33.80	3.20	697.95
RW-04	729.41	9/28/2020	28.00	36.70	8.70	699.08
RW-04	729.41	10/2/2020	27.93	37.00	9.07	699.05
RW-04	729.41	10/5/2020	28.20	36.95	8.75	698.87
RW-04	729.41	10/19/2020	28.60	37.00	8.40	698.56
RW-04	729.41	11/9/2020	30.16	36.18	6.02	697.64
RW-04	729.41	11/23/2020	30.00	36.54	6.54	697.66
RW-04	729.41	12/26/2020	38.25	47.20	8.95	688.76
RW-04	729.41	2/1/2021	30.99	33.05	2.06	697.87
RW-04	729.41	3/4/2021	32.28	35.51	3.23	696.26
RW-04	729.41	4/1/2021	ND	32.42	0.00	696.99

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
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-06	734.78	9/1/2020	37.65	43.85	6.20	695.47
RW-06	734.78	9/3/2020	44.70	45.10	0.40	689.97
RW-06	734.78	9/5/2020	38.33	43.73	5.40	695.00
RW-06	734.78	9/8/2020	45.22	45.50	0.28	689.48
RW-06	734.78	9/9/2020	37.42	43.32	5.90	695.78
RW-06	734.78	9/11/2020	39.30	42.55	3.25	694.61
RW-06	734.78	9/12/2020	38.35	41.70	3.35	695.53
RW-06	734.78	9/14/2020	37.25	42.00	4.75	696.26
RW-06	734.78	9/18/2020	38.90	43.15	4.25	694.74
RW-06	734.78	9/28/2020	36.05	47.53	11.48	695.65
RW-06	734.78	10/2/2020	37.00	43.50	6.50	696.04
RW-06	734.78	10/5/2020	36.95	44.47	7.52	695.81
RW-06	734.78	10/19/2020	36.76	47.73	10.97	695.08
RW-06	734.78	11/9/2020	37.50	46.91	9.41	694.76
RW-06	734.78	11/23/2020	37.80	46.80	9.00	694.57
RW-06	734.78	12/26/2020	28.07	36.03	7.96	704.58
RW-06	734.78	2/1/2021	39.36	45.89	6.53	693.67
RW-06	734.78	3/4/2021	39.98	45.07	5.09	693.43
RW-06	734.78	4/1/2021	40.50	45.39	4.89	692.97

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-07	726.92	9/5/2020	34.20	41.55	7.35	690.75
RW-07	726.92	9/8/2020	33.70	46.00	12.30	689.92
RW-07	726.92	9/9/2020	37.45	40.82	3.37	688.56
RW-07	726.92	9/10/2020	36.40	39.90	3.50	689.58
RW-07	726.92	9/12/2020	33.52	45.60	12.08	690.16
RW-07	726.92	9/14/2020	34.01	40.09	6.08	691.28
RW-07	726.92	9/18/2020	36.50	42.30	5.80	688.86
RW-07	726.92	9/28/2020	32.50	45.30	12.80	690.99
RW-07	726.92	10/2/2020	33.52	40.95	7.43	691.41
RW-07	726.92	10/6/2020	33.50	42.83	9.33	690.92
RW-07	726.92	10/19/2020	32.80	46.13	13.33	690.55
RW-07	726.92	11/9/2020	33.30	46.20	12.90	690.16
RW-07	726.92	11/23/2020	33.40	45.70	12.30	690.22
RW-07	726.92	10/21/2020	32.80	46.13	13.33	690.55
RW-07	726.92	12/26/2020	31.87	33.51	1.64	694.61
RW-07	726.92	2/1/2021	33.56	39.93	6.37	691.65
RW-07	726.92	3/4/2021	33.74	39.95	6.21	691.51
RW-07	726.92	4/1/2021	33.91	39.98	6.07	691.38
RW-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

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

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

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Huntersville, North Carolina

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-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-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

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-13	732.30	9/5/2020	ND	24.90	0.00	707.40
RW-13	732.30	9/6/2020	ND	26.54	0.00	705.76
RW-13	732.30	9/8/2020	ND	27.05	0.00	705.25
RW-13	732.30	9/14/2020	ND	27.93	0.00	704.37
RW-13	732.30	10/9/2020	ND	28.34	0.00	703.96
RW-13	732.30	10/19/2020	33.87	34.11	0.24	698.36
RW-13	732.30	11/9/2020	ND	31.09	0.00	701.21
RW-13	732.30	11/23/2020	31.10	31.23	0.13	701.16
RW-13	732.30	12/26/2020	ND	31.85	0.00	700.45
RW-13	732.30	1/25/2021	32.53	32.79	0.26	699.70
RW-13	732.30	2/1/2021	32.67	32.92	0.25	699.56
RW-13	732.30	2/8/2021	32.82	33.09	0.27	699.41
RW-13	732.30	2/16/2021	32.86	33.18	0.32	699.35
RW-13	732.30	3/4/2021	33.10	33.39	0.29	699.12
RW-13	732.30	4/1/2021	33.13	33.42	0.29	699.09
RW-13	732.30	4/12/2021	33.22	33.53	0.31	699.00
RW-13	732.30	4/19/2021	ND	33.13	0.00	699.17
RW-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

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-15	723.99	9/6/2020	34.07	34.10	0.03	689.91
RW-15	723.99	9/8/2020	34.15	34.17	0.02	689.83
RW-15	723.99	9/14/2020	34.25	34.29	0.04	689.73
RW-15	723.99	9/28/2020	34.62	34.68	0.06	689.35
RW-15	723.99	10/9/2020	ND	34.98	0.00	689.01
RW-15	723.99	10/19/2020	35.02	35.12	0.10	688.94
RW-15	723.99	11/9/2020	35.09	35.29	0.20	688.85
RW-15	723.99	11/9/2020	34.94	35.03	0.09	689.03
RW-15	723.99	11/23/2020	ND	45.23	0.00	678.76
RW-15	723.99	12/26/2020	35.01	35.25	0.24	688.92
RW-15	723.99	1/19/2021	34.99	35.35	0.36	688.90
RW-15	723.99	1/25/2021	34.84	35.21	0.37	689.05
RW-15	723.99	2/1/2021	34.73	35.11	0.38	689.16
RW-15	723.99	2/8/2021	35.15	35.60	0.45	688.72
RW-15	723.99	2/16/2021	34.78	35.21	0.43	689.09
RW-15	723.99	2/22/2021	34.60	35.50	0.90	689.15
RW-15	723.99	3/4/2021	34.45	34.90	0.45	689.42
RW-15	723.99	3/8/2021	34.63	35.13	0.50	689.23
RW-15	723.99	3/15/2021	34.49	34.98	0.49	689.37
RW-15	723.99	3/22/2021	34.36	34.82	0.46	689.51
RW-15	723.99	4/1/2021	34.16	34.59	0.43	689.71
RW-15	723.99	4/12/2021	34.09	34.50	0.41	689.79
RW-15	723.99	4/19/2021	34.02	34.43	0.41	689.86
RW-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

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-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-18*	737.66	9/8/2020	36.15	40.20	4.05	700.42
RW-18*	737.66	9/9/2020	36.40	41.35	4.95	699.93
RW-18*	737.66	9/12/2020	36.50	40.00	3.50	700.22
RW-18*	737.66	9/14/2020	34.95	42.00	7.05	700.82
RW-18*	737.66	9/18/2020	36.55	42.00	5.45	699.65
RW-18*	737.66	9/28/2020	35.42	45.45	10.03	699.55
RW-18*	737.66	10/2/2020	35.20	47.65	12.45	699.12
RW-18*	737.66	10/7/2020	35.70	47.48	11.78	698.80
RW-18*	737.66	10/19/2020	36.54	47.75	11.21	698.12
RW-18*	737.66	11/9/2020	37.73	47.71	9.98	697.26
RW-18*	737.66	11/23/2020	37.86	47.57	9.71	697.20
RW-18*	737.66	12/26/2020	36.91	45.38	8.47	698.48
RW-18*	737.66	2/1/2021	38.19	43.31	5.12	698.10
RW-18*	737.66	3/4/2021	38.30	42.78	4.48	698.16
RW-18	735.96	4/1/2021	39.05	41.76	2.71	696.18

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-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-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

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-21	731.68	9/13/2020	28.50	42.55	14.05	699.42
RW-21	731.68	9/14/2020	30.72	36.55	5.83	699.40
RW-21	731.68	9/18/2020	31.30	38.00	6.70	698.59
RW-21	731.68	9/28/2020	30.08	41.40	11.32	698.57
RW-21	731.68	10/2/2020	30.28	41.15	10.87	698.49
RW-21	731.68	10/6/2020	30.40	41.55	11.15	698.30
RW-21	731.68	10/19/2020	30.13	45.10	14.97	697.55
RW-21	731.68	11/9/2020	31.09	44.70	13.61	696.95
RW-21	731.68	11/23/2020	31.50	42.64	11.14	697.20
RW-21	731.68	12/26/2020	32.40	40.56	8.16	697.10
RW-21	731.68	2/1/2021	32.81	39.59	6.78	697.06
RW-21	731.68	3/4/2021	33.36	38.60	5.24	696.92
RW-21	731.68	4/1/2021	35.58	38.86	3.28	695.23
RW-22*	726.60	9/10/2020	25.62	39.00	13.38	697.40
RW-22*	726.60	9/12/2020	26.70	31.62	4.92	698.58
RW-22*	726.60	9/14/2020	25.55	30.85	5.30	699.63
RW-22*	726.60	9/18/2020	26.10	32.10	6.00	698.89
RW-22*	726.60	9/28/2020	26.20	30.75	4.55	699.18
RW-22*	726.60	10/2/2020	25.55	33.00	7.45	699.06
RW-22*	726.60	10/5/2020	25.53	34.50	8.97	698.67
RW-22*	726.60	10/19/2020	25.93	37.32	11.39	697.62
RW-22*	726.60	11/9/2020	26.89	36.99	10.10	697.01
RW-22*	726.60	11/23/2020	27.29	36.70	9.41	696.79
RW-22*	726.60	12/26/2020	26.43	27.75	1.32	699.82
RW-22*	726.60	2/1/2021	26.68	34.43	7.75	697.85
RW-22	727.54	3/4/2021	29.80	31.73	1.93	697.22
RW-22	727.54	4/1/2021	30.31	30.73	0.42	697.12
RW-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

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-24*	734.33	9/11/2020	35.83	35.85	0.02	698.49
RW-24*	734.33	9/12/2020	ND	36.00	0.00	698.33
RW-24*	734.33	9/14/2020	35.75	36.25	0.50	698.44
RW-24*	734.33	9/18/2020	ND	36.10	0.00	698.23
RW-24*	734.33	9/28/2020	33.80	33.91	0.11	700.50
RW-24*	734.33	10/2/2020	33.15	35.20	2.05	700.63
RW-24*	734.33	10/5/2020	33.84	34.10	0.26	700.42
RW-24*	734.33	10/19/2020	32.84	37.15	4.31	700.33
RW-24*	734.33	11/9/2020	32.83	39.30	6.47	699.76
RW-24*	734.33	11/23/2020	34.61	35.53	0.92	699.47
RW-24*	734.33	12/26/2020	34.85	36.16	1.31	699.13
RW-24*	734.33	2/1/2021	35.12	35.94	0.82	698.99
RW-24	731.18	3/4/2021	35.46	36.12	0.66	695.54
RW-24	731.18	4/1/2021	35.63	36.20	0.57	695.40
RW-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-26*	729.28	9/11/2020	29.80	30.35	0.55	699.34
RW-26*	729.28	9/12/2020	29.85	30.42	0.57	699.28
RW-26*	729.28	9/14/2020	29.79	30.41	0.62	699.33
RW-26*	729.28	9/18/2020	30.31	32.20	1.89	698.47
RW-26*	729.28	9/28/2020	27.60	29.25	1.65	701.24
RW-26*	729.28	10/2/2020	27.17	28.35	1.18	701.80
RW-26*	729.28	10/5/2020	27.01	29.15	2.14	701.70
RW-26*	729.28	10/19/2020	26.39	29.02	2.63	702.19
RW-26*	729.28	11/9/2020	26.82	29.60	2.78	701.72
RW-26*	729.28	11/23/2020	27.20	29.49	2.29	701.47
RW-26*	729.28	12/26/2020	27.62	28.53	0.91	701.42
RW-26*	729.28	2/1/2021	28.30	28.66	0.36	700.89
RW-26	725.72	3/4/2021	29.81	29.96	0.15	695.87
RW-26	725.72	4/1/2021	26.33	26.34	0.01	699.39

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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-28*	733.88	9/11/2020	38.13	39.31	1.18	695.43
RW-28*	733.88	9/12/2020	ND	37.12	0.00	696.76
RW-28*	733.88	9/13/2020	35.84	45.27	9.43	695.51
RW-28*	733.88	9/14/2020	34.45	48.33	13.88	695.71
RW-28*	733.88	9/18/2020	35.70	36.25	0.55	698.03
RW-28*	733.88	9/28/2020	33.95	35.85	1.90	699.42
RW-28*	733.88	10/2/2020	34.05	35.47	1.42	699.45
RW-28*	733.88	10/5/2020	34.15	35.50	1.35	699.36
RW-28*	733.88	10/19/2020	31.30	42.74	11.44	699.51
RW-28*	733.88	11/9/2020	32.60	40.70	8.10	699.11
RW-28*	733.88	11/23/2020	33.00	40.10	7.10	698.98
RW-28*	733.88	12/26/2020	38.17	45.08	6.91	693.86
RW-28*	733.88	2/1/2021	34.12	39.01	4.89	698.45
RW-28	729.51	3/4/2021	36.16	36.23	0.07	693.33
RW-28	729.51	4/1/2021	ND	35.98	0.00	693.53
RW-29*	721.84	9/13/2020	26.80	45.11	18.31	690.14
RW-29*	721.84	9/14/2020	28.36	38.80	10.44	690.69
RW-29*	721.84	9/18/2020	29.00	43.00	14.00	689.09
RW-29*	721.84	9/28/2020	26.95	35.85	8.90	692.51
RW-29*	721.84	10/2/2020	27.10	47.00	19.90	689.42
RW-29*	721.84	10/6/2020	27.32	45.90	18.58	689.55
RW-29*	721.84	10/19/2020	27.68	47.65	19.97	688.82
RW-29*	721.84	11/9/2020	28.35	47.89	19.54	688.26
RW-29*	721.84	11/23/2020	28.65	48.30	19.65	687.93
RW-29*	721.84	12/26/2020	27.56	44.11	16.55	689.85
RW-29*	721.84	2/1/2021	Dry	Dry	Dry	Dry
RW-29*	721.84	3/4/2021	30.18	39.65	9.47	689.13
RW-29	719.80	4/1/2021	30.96	37.82	6.86	687.00

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-30*	719.60	9/14/2020	23.60	26.95	3.35	695.10
RW-30*	719.60	9/28/2020	22.33	37.10	14.77	693.32
RW-30*	719.60	10/2/2020	24.30	31.40	7.10	693.40
RW-30*	719.60	10/6/2020	24.92	33.15	8.23	692.48
RW-30*	719.60	10/19/2020	22.26	41.10	18.84	692.30
RW-30*	719.60	11/9/2020	22.74	41.49	18.75	691.84
RW-30*	719.60	11/23/2020	23.15	41.50	18.35	691.54
RW-30*	719.60	12/26/2020	21.67	39.21	17.54	693.24
RW-30*	719.60	2/1/2021	22.84	35.00	12.16	693.51
RW-30*	719.60	3/4/2021	22.33	31.71	9.38	694.76
RW-30	717.30	4/1/2021	22.89	28.80	5.91	692.83
RW-31*	716.23	9/14/2020	27.38	28.66	1.28	688.51
RW-31*	716.23	9/28/2020	23.25	43.45	20.20	687.57
RW-31*	716.23	10/2/2020	26.30	35.40	9.10	687.49
RW-31*	716.23	10/6/2020	24.99	36.40	11.41	688.18
RW-31*	716.23	10/19/2020	22.55	46.14	23.59	687.37
RW-31*	716.23	11/9/2020	22.74	48.18	25.44	686.68
RW-31*	716.23	11/23/2020	22.91	NW	>25.16	N/A
RW-31*	716.23	12/26/2020	21.08	46.13	25.05	688.44
RW-31*	716.23	2/1/2021	22.42	46.16	23.74	687.46
RW-31*	716.23	3/4/2021	22.31	NW	>23.69	N/A
RW-31	714.14	4/1/2021	25.65	43.79	18.14	683.64
RW-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-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

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-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-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-36*	743.69	10/2/2020	45.00	58.63	13.63	695.04
RW-36*	743.69	10/7/2020	45.22	56.81	11.59	695.37
RW-36*	743.69	10/19/2020	45.39	59.40	14.01	694.55
RW-36*	743.69	11/9/2020	45.84	58.68	12.84	694.42
RW-36*	743.69	11/23/2020	46.10	59.50	13.40	694.01
RW-36*	743.69	12/26/2020	44.45	56.67	12.22	695.97
RW-36*	743.69	2/1/2021	46.24	55.27	9.03	695.03
RW-36	741.45	3/4/2021	46.87	54.63	7.76	692.50
RW-36	741.45	4/1/2021	ND	47.92	0.00	693.53

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-37*	744.77	10/8/2020	51.74	53.64	1.90	692.52
RW-37*	744.77	10/19/2020	52.15	52.87	0.72	692.43
RW-37*	744.77	11/9/2020	51.95	53.65	1.70	692.37
RW-37*	744.77	11/23/2020	52.16	53.30	1.14	692.31
RW-37*	744.77	12/26/2020	49.85	52.54	2.69	694.20
RW-37*	744.77	2/1/2021	49.83	53.88	4.05	693.86
RW-37	742.78	3/4/2021	50.10	53.06	2.96	691.89
RW-37	742.78	4/1/2021	50.51	50.96	0.45	692.15
RW-38*	739.72	10/2/2020	38.70	49.00	10.30	698.27
RW-38*	739.72	10/7/2020	39.38	45.53	6.15	698.70
RW-38*	739.72	10/19/2020	38.15	49.55	11.40	698.52
RW-38*	739.72	11/9/2020	39.17	49.60	10.43	697.76
RW-38*	739.72	11/23/2020	39.71	NW	>9.97	N/A
RW-38*	739.72	12/26/2020	38.12	47.70	9.58	699.04
RW-38*	739.72	2/1/2021	39.17	46.70	7.53	698.54
RW-38	737.33	3/4/2021	39.92	47.00	7.08	695.52
RW-38	737.33	4/1/2021	ND	41.29	0.00	696.04
RW-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

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-40	722.94	10/8/2020	ND	33.34	0.00	689.60
RW-40	722.94	10/19/2020	ND	33.50	0.00	689.44
RW-40	722.94	11/9/2020	ND	33.42	0.00	689.52
RW-40	722.94	11/23/2020	ND	32.57	0.00	690.37
RW-40	722.94	12/26/2020	ND	33.30	0.00	689.64
RW-40	722.94	1/19/2021	ND	33.76	0.00	689.18
RW-40	722.94	1/25/2021	ND	33.69	0.00	689.25
RW-40	722.94	2/1/2021	ND	33.47	0.00	689.47
RW-40	722.94	2/8/2021	ND	34.11	0.00	688.83
RW-40	722.94	2/16/2021	ND	33.72	0.00	689.22
RW-40	722.94	2/22/2021	ND	33.57	0.00	689.37
RW-40	722.94	3/4/2021	ND	33.38	0.00	689.56
RW-40	722.94	3/8/2021	ND	33.64	0.00	689.30
RW-40	722.94	3/16/2021	ND	33.67	0.00	689.27
RW-40	722.94	3/22/2021	ND	33.50	0.00	689.44
RW-40	722.94	4/1/2021	ND	33.15	0.00	689.79
RW-40	722.94	4/12/2021	ND	33.28	0.00	689.66
RW-40	722.94	4/19/2021	ND	33.26	0.00	689.68
RW-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-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

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-43	737.70	11/23/2020	37.26	41.71	4.45	699.25
RW-43	737.70	12/26/2020	ND	38.56	0.00	699.14
RW-43	737.70	2/1/2021	39.02	41.50	2.48	698.02
RW-43	737.70	3/4/2021	39.60	40.78	1.18	697.78
RW-43	737.70	4/1/2021	ND	40.05	0.00	697.65
RW-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-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-46*	716.92	11/23/2020	23.02	NW	>20.99	N/A
RW-46*	716.92	12/26/2020	24.10	43.70	19.60	687.58
RW-46*	716.92	1/25/2021	Dry	Dry	Dry	Dry
RW-46*	716.92	2/1/2021	26.60	43.43	16.83	685.82
RW-46*	716.92	2/8/2021	ARP	ARP	ARP	ARP
RW-46*	716.92	3/4/2021	26.46	41.42	14.96	686.46
RW-46	716.66	4/1/2021	28.38	36.76	8.38	686.03
RW-47*	726.60	12/26/2020	27.60	40.80	13.20	695.47
RW-47*	726.60	2/1/2021	29.94	35.94	6.00	695.05
RW-47*	726.60	3/4/2021	30.01	33.49	3.48	695.66
RW-47	725.40	4/1/2021	29.50	34.45	4.95	694.58
RW-48	741.03	12/26/2020	33.82	34.54	0.72	707.02
RW-48	741.03	2/1/2021	48.55	51.58	3.03	691.67
RW-48	741.03	3/4/2021	48.48	51.78	3.30	691.67
RW-48	741.03	4/1/2021	48.82	51.21	2.39	691.57
RW-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-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

Table 4
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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-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-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-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-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-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-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-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-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-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-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-61	713.59	4/1/2021	29.36	35.81	6.45	682.50
RW-62	716.21	4/1/2021	30.95	38.66	7.71	683.20

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
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-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-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

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
HCW-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-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-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

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
HCW-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-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

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
HCW-09	744.49	1/19/2021	ND	52.70	0.00	691.79
HCW-09	744.49	1/25/2021	ND	52.50	0.00	691.99
HCW-09	744.49	2/1/2021	ND	52.36	0.00	692.13
HCW-09	744.49	2/8/2021	ND	53.03	0.00	691.46
HCW-09	744.49	2/16/2021	ND	52.66	0.00	691.83
HCW-09	744.49	2/22/2021	ND	52.65	0.00	691.84
HCW-09	744.49	3/4/2021	ND	52.57	0.00	691.92
HCW-09	744.49	3/8/2021	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-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-11	741.26	1/19/2021	ND	49.32	0.00	691.94
HCW-11	741.26	1/25/2021	ND	48.45	0.00	692.81
HCW-11	741.26	2/1/2021	ND	48.30	0.00	692.96
HCW-11	741.26	2/8/2021	ND	49.65	0.00	691.61
HCW-11	741.26	2/16/2021	ND	49.43	0.00	691.83
HCW-11	741.26	2/22/2021	ND	49.42	0.00	691.84
HCW-11	741.26	3/4/2021	ND	48.65	0.00	692.61
HCW-11	741.26	3/8/2021	ND	49.92	0.00	691.34
HCW-11	741.26	3/15/2021	ND	14.51	0.00	726.75
HCW-11	741.26	3/22/2021	ND	50.73	0.00	690.53
HCW-11	741.26	4/1/2021	ND	49.49	0.00	691.77
HCW-11	741.26	4/12/2021	ND	50.96	0.00	690.30
HCW-11	741.26	4/19/2021	ND	50.72	0.00	690.54

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
HCW-12	740.75	1/19/2021	ND	23.93	0.00	716.82
HCW-12	740.75	1/25/2021	ND	43.24	0.00	697.51
HCW-12	740.75	2/1/2021	Dry	Dry	Dry	Dry
HCW-12	740.75	2/8/2021	Dry	Dry	Dry	Dry
HCW-12	740.75	2/16/2021	ND	47.86	0.00	692.89
HCW-12	740.75	2/22/2021	ND	48.06	0.00	692.69
HCW-12	740.75	3/4/2021	ND	48.04	0.00	692.71
HCW-12	740.75	3/8/2021	ND	48.28	0.00	692.47
HCW-12	740.75	3/15/2021	ND	48.44	0.00	692.31
HCW-12	740.75	3/22/2021	ND	48.71	0.00	692.04
HCW-12	740.75	4/1/2021	ND	48.87	0.00	691.88
HCW-12	740.75	4/12/2021	49.03	49.04	0.01	691.72
HCW-12	740.75	4/19/2021	ND	49.94	0.00	690.81
HCW-13*	741.53	1/25/2021	ND	46.81	0.00	694.72
HCW-13*	741.53	2/1/2021	46.33	48.32	1.99	694.67
HCW-13*	741.53	2/8/2021	ARP	ARP	ARP	ARP
HCW-13*	741.53	2/16/2021	44.21	51.43	7.22	695.39
HCW-13*	741.53	2/22/2021	44.31	51.43	7.12	695.31
HCW-13*	741.53	3/4/2021	44.51	51.52	7.01	695.14
HCW-13*	741.53	3/8/2021	44.74	51.56	6.82	694.96
HCW-13*	741.53	3/15/2021	44.98	51.48	6.50	694.81
HCW-13*	741.53	3/22/2021	45.31	51.43	6.12	694.58
HCW-13	740.79	4/1/2021	ND	44.73	0.00	696.06
HCW-13	740.79	4/12/2021	ARP	ARP	ARP	ARP
HCW-13	740.30	4/19/2021	ARP	ARP	ARP	ARP
HCW-14*	738.67	1/25/2021	ND	43.07	0.00	695.60
HCW-14*	738.67	2/1/2021	ND	43.83	0.00	694.84
HCW-14*	738.67	2/8/2021	44.25	44.44	0.19	694.37
HCW-14*	738.67	2/16/2021	41.56	46.24	4.68	695.86
HCW-14*	738.67	2/22/2021	41.29	NW	>8.71	N/A
HCW-14*	738.67	3/4/2021	41.35	50.00	8.65	695.01
HCW-14*	738.67	3/8/2021	41.68	NW	>8.32	N/A
HCW-14*	738.67	3/15/2021	41.89	NW	>8.11	N/A
HCW-14*	738.67	3/22/2021	42.22	NW	>7.78	N/A
HCW-14	739.18	4/1/2021	ND	43.11	0.00	696.07
HCW-14	739.18	4/12/2021	ARP	ARP	ARP	ARP
HCW-14	739.18	4/19/2021	ARP	ARP	ARP	ARP

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
HCW-15*	736.71	1/25/2021	ND	40.88	0.00	695.83
HCW-15*	736.71	2/1/2021	ND	41.62	0.00	695.09
HCW-15*	736.71	2/8/2021	42.15	42.25	0.10	694.53
HCW-15*	736.71	2/16/2021	39.13	51.43	12.30	694.28
HCW-15*	736.71	2/22/2021	39.27	46.04	6.77	695.62
HCW-15*	736.71	3/4/2021	39.21	46.10	6.89	695.65
HCW-15*	736.71	3/8/2021	39.65	46.22	6.57	695.30
HCW-15*	736.71	3/15/2021	39.95	46.11	6.16	695.11
HCW-15*	736.71	3/22/2021	40.24	46.03	5.79	694.92
HCW-15	737.19	4/1/2021	ND	41.07	0.00	696.12
HCW-15	737.19	4/12/2021	ARP	ARP	ARP	ARP
HCW-15	737.19	4/19/2021	ARP	ARP	ARP	ARP
HCW-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-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-18	731.12	1/25/2021	ND	34.58	0.00	696.54
HCW-18	731.12	2/1/2021	ND	31.97	0.00	699.15
HCW-18	731.12	2/8/2021	ND	31.98	0.00	699.14
HCW-18	731.12	2/16/2021	ND	31.99	0.00	699.13
HCW-18	731.12	2/22/2021	ND	32.05	0.00	699.07
HCW-18	731.12	3/4/2021	ND	32.02	0.00	699.10
HCW-18	731.12	3/8/2021	31.99	32.00	0.01	699.13
HCW-18	731.12	3/15/2021	31.96	31.99	0.03	699.15
HCW-18	731.12	3/22/2021	ND	31.93	0.00	699.19
HCW-18	731.12	4/1/2021	ND	32.01	0.00	699.11
HCW-18	731.12	4/12/2021	31.86	32.00	0.14	699.22
HCW-18	731.12	4/19/2021	ND	31.87	0.00	699.25

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
HCW-19	732.00	1/25/2021	ND	34.10	0.00	697.90
HCW-19	732.00	2/1/2021	ND	34.22	0.00	697.78
HCW-19	732.00	2/8/2021	34.60	34.61	0.01	697.40
HCW-19	732.00	2/16/2021	34.43	34.44	0.01	697.57
HCW-19	732.00	2/22/2021	34.11	34.12	0.01	697.89
HCW-19	732.00	3/4/2021	NM	NM	NM	NM
HCW-19	732.00	3/8/2021	31.08	31.11	0.03	700.91
HCW-19	732.00	3/15/2021	34.20	34.22	0.02	697.79
HCW-19	732.00	3/22/2021	34.35	34.36	0.01	697.65
HCW-19	732.00	4/1/2021	34.13	34.16	0.03	697.86
HCW-19	732.00	4/12/2021	34.71	34.72	0.01	697.29
HCW-19	732.00	4/19/2021	33.84	33.86	0.02	698.15
HCW-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

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
HCW-21	730.02	1/19/2021	34.72	35.26	0.54	695.15
HCW-21	730.02	2/1/2021	ND	33.80	0.00	696.22
HCW-21	730.02	2/22/2021	ARP	ARP	ARP	ARP
HCW-21	730.02	3/4/2021	33.42	40.02	6.60	694.83
HCW-21	730.02	3/8/2021	ARP	ARP	ARP	ARP
HCW-21	730.02	3/15/2021	ARP	ARP	ARP	ARP
HCW-21	730.02	3/22/2021	ARP	ARP	ARP	ARP
HCW-21	730.02	4/1/2021	ND	33.62	0.00	696.40
HCW-21	730.02	4/12/2021	ARP	ARP	ARP	ARP
HCW-21	730.02	4/19/2021	ARP	ARP	ARP	ARP
HCW-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-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-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

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
HCW-25	729.91	2/16/2021	32.79	33.94	1.15	696.81
HCW-25	729.91	2/22/2021	32.13	35.65	3.52	696.84
HCW-25	729.91	3/4/2021	35.15	37.47	2.32	694.14
HCW-25	729.91	3/8/2021	31.69	37.51	5.82	696.66
HCW-25	729.91	3/15/2021	31.69	37.42	5.73	696.68
HCW-25	729.91	3/22/2021	31.65	37.25	5.60	696.76
HCW-25	729.91	4/1/2021	31.62	37.18	5.56	696.80
HCW-25	729.91	4/12/2021	31.58	37.02	5.44	696.87
HCW-25	729.91	4/19/2021	31.53	36.91	5.38	696.94
HCW-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-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

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
NHCW-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-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-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-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-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

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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-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-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-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

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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-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-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-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-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

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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-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-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

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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-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-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-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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
NHCW-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-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-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-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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
NHCW-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-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-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

Notes:

ft btoc = Feet Below Top of Casing

N/A = Not Applicable

RW = Recovery Well

HCW = Hydraulic Control Well

NHCW = 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)

* = Well resurveyed

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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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-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	<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	<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-04_20201130	MW-04	11/30/2020	16.3	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<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-4_20210104	MW-04	01/04/2021	14.6	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<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-4_20210208	MW-04	02/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<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-04_20210312	MW-04	03/12/2021	5.7	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<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-04_20210408	MW-04	04/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<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-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	

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-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		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	
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	<0.5	<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	<0.5	<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	
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	<0.5	<2	<0.5	<2	<0.5	<0.5	0.56	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92501345	MW-08_20201020	MW-08	10/20/2020	11.2	<0.5	<0.5	<0.5	<1	3.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92508886	MW-8_20201201	MW-08	12/02/2020	9.7	<0.5	<0.5	<0.5	<1	0.96	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92515216	MW-08_20210106	MW-08	01/06/2021	10	<0.5	<0.5	<0.5	<1	0.93	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92522126	MW-8_20210212	MW-08	02/12/2021	<5	<0.5	<0.5	<0.5	<1	0.77	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92527474	MW-08_20210312	MW-08	03/12/2021	<5	<0.5	<0.5	<0.5	<1	0.87	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92531580	MW-08_20210406	MW-08	04/06/2021	<5	<0.5	<0.5	<0.5	<1	0.70	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92493708	MW-9_20200902	MW-09	09/02/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92495241	MW-09_20200913	MW-09	09/13/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92501616	MW-9_20201021	MW-09	10/21/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<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																							

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-12_20200902	MW-12	09/02/2020	<25	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92501616	MW-12_20201021	MW-12	10/21/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92508536	MW-12_20201130	MW-12	11/30/2020	8.7	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92514598	MW-12_20210104	MW-12	01/04/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92520901	MW-12_20210208	MW-12	02/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92527327	MW-12_20210311	MW-12	03/11/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92532417	MW-12_20210408	MW-12	04/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<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	<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	12/02/2020	<5	<0.5	<0.5	<0.5	<1	6.2	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	1.1	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92515216	MW-13_20210106	MW-13	01/06/2021	<5	<0.5	<0.5	<0.5	<1	4.6	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	0.85	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92522126	MW-13_20210212	MW-13	02/12/2021	<5	<0.5	<0.5	<0.5	<1	3	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	0.69	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92527474	MW-13_20210312	MW-13	03/12/2021	<5	<0.5	<0.5	<0.5	<1	4.6	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	1.1	0.64	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92531580	MW-13_20210406	MW-13	04/06/2021	<5	<0.5	<0.5	<0.5	<1	2.8	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	0.58	0.65	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92495239	MW-14_20200913	MW-14	09/13/2020	<5	<0.5	0.7	<0.5	<1	4.4	<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
92501345	MW-14_20201020	MW-14	10/20/2020	<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	0.55	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92509251	MW-14_20201202	MW-14	12/02/2020	18.7	<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
92514892	MW-14_20210105	MW-14	01/05/2021	94.7	<0.5	<0.5	<0.5	<1	0.56	<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-14_20210212	MW-14	02/12/2021	<5	<0.5	<0.5	<0.5	<1	0.64	<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-14_20210312	MW-14	03/12/2021	<5	<0.5	<0.5	<0.5	<1	0.57	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92531580	MW-14_20210406	MW-14	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
92494640	MW-15_20200909	MW-15	09/09/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92501616	MW-15_20201021	MW-15	10/21/2020	10.4	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92508536	MW-15_20201130	MW-15	11/30/2020	28.9	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92514598	MW-15_20210104	MW-15	01/04/2021	13.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92520901	MW-15_20210208	MW-15	02/08/2021	14.1	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92514598	DUP-1-20210104	MW-15	01/04/2021	14.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92527475	MW-15_20210312	MW-15	03/12/2021	5.3	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92532417	MW-15_20210408	MW-15	04/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<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				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92495905	MW-16_20200916	MW-16	09/16/2020	<5	<0.5	0.78	<0.5	<1	5.9	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92500605	MW-16_20201007	MW-16	10/07/2020	<5	<0.5	<0.5	<0.5	<1	3.3	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92501343	MW-16_20201020	MW-16	10/20/2020	7.8	<0.5	<0.5	<0.5	<1	2	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92508884	MW-16_20201201	MW-16	12/01/2020	18.9	<0.5	<0.5	<0.5	<1	1.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92515075	MW-16_20210106	MW-16	01/06/2021	42.7	<0.5	<0.5	<0.5	<1	1.3	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<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	<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	<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-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	<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	<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-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	<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	<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
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	<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	<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	1180
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	<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	&												

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-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	2210	456	122	2790
92521555	MW-21_20210210	MW-21	02/10/2021	<5	1030	<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	4710	991	269	5970
92526257	MW-21_20210308	MW-21	03/08/2021	<5	1470	<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	4420	480	236	5140
92531585	MW-21_20210406	MW-21	04/06/2021	<5	<0.5	<0.5	<0.5	<1	1.3	<1	<0.5	<0.5	29.2	<0.5	<0.5	<2	11.1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	72.6	72.6
92494640	MW-22_20200909	MW-22	09/09/2020	<5	14.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	4.4	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	3.2	<100	<100	<100	<100
92500608	MW-22_20201007	MW-22	10/07/2020	9.4	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	1.8	<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-22_20201022	MW-22	10/22/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	1.6	<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
92496816	MW-23_20200920	MW-23	09/20/2020	<5	<0.5	6.1	<0.5	<1	36.9	<1	<0.5	1.5	<0.5	<0.5	<0.5	<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-23_20210406	MW-23	04/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92500605	MW-23R_20201007	MW-23	10/07/2020	32.2	<0.5	0.56	<0.5	<1	3.2	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<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-23R_20201020	MW-23	10/20/2020	94.4	<0.5	<0.5	<0.5	<1	1.7	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<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-23_20201201	MW-23	12/01/2020	24.7	<0.5	<0.5	<0.5	<1	0.97	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<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-23_20210106	MW-23	01/06/2021	85.1	<0.5	<0.5	<0.5	<1	0.61	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<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-23_20210210	MW-23	02/10/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<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-23_20210308	V-81 was resampled	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	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92495103	MW-25_20200911	MW-25	09/11/2020	<10	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<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	<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	<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	<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	<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	<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	<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	<0.5	<2	<0.5	<2	<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	<0.5	<2	<0.5	<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				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	
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	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92509560	MW-29_20201203	MW-29	12/03/2020	23.7	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<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-29_20210105	MW-29	01/05/2021	5.1	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<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-29_20210209	MW-29	02/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92514898	Dup-1-20210105	MW-29	01/05/2021	5.6	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<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-29_20210311	MW-29	03/11/2021	<5	2.3	<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	6.3	<0.5	<0.5	2.74	1.8	0.94	<50	<50	<50	<50
92532417	MW-29_20210409	MW-29	04/09/2021	<5	12.1	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	15.8	<0.5	<0.5	<2	0.7	<2	<0.5	<0.5	23.2	0.59	<0.5	9.6	5.9	3.7	191	<50	<50	191
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	
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																		

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				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	<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	
92494640	MW-33_20200909	MW-33	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-33_20201022	MW-33	10/22/2020	16.6	<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-33_20201130	MW-33	11/30/2020	11.0	<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-33_20210104	MW-33	01/04/2021	14.3	<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	
92520901	MW-33_20210208	MW-33	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-33_20210309	MW-33	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-33_20210407	MW-33	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	
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	
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	
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	<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	<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				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92494864	MW-37_20200910	MW-37	09/10/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92501616	MW-37_20201021	MW-37	10/21/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92508536	MW-37_20201130	MW-37	11/30/2020	9.0	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92514598	MW-37_20210104	MW-37	01/04/2021	9.7	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92495907	MW-38_20200916	MW-38	09/16/2020	<5	3.4	0.74	<0.5	<1	4.3	<1	<0.5	<0.5	2	<0.5	<0.5	<2	0.78	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92501960	MW-38_20201023	MW-38	10/23/2020	<5	30.9	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	28.4	3.4	<0.5	<2	12.2	<2	<0.5	<0.5	70.3	<0.5	<0.5	13.2	6.3	6.9	231	<100	<100	291
92509560	MW-38_20201203	MW-38	12/03/2020	22.4	125	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	50.4	14.1	<0.5	<2	19.0	<2	<0.5	<0.5	152	3.9	<0.5	76.5	45.7	30.8	681	153	<100	885
92509560	Dup-3-20201203	MW-38	12/03/2020	24.6	134	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	51.8	14.6	<0.5	<2	19.3	<2	<0.5	<0.5	162	4.2	<0.5	84	50.1	33.9	761	162	<100	969
92515544	MW-38_20210107	MW-38	01/07/2021	13.2	78.1	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	37.7	8.5	<0.5	<2	13.8	<2	<0.5	<0.5	79.5	3.7	<0.5	54.6	34	20.6	389	107	<100	532
92521237	MW-38_20210209	MW-38	02/09/2021	<5	121	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	59.7	4.9	<0.5	<2	22.2	<2	<0.5	<0.5	39.1	5.1	<0.5	79.8	47.8	32	443	135	<100	622
92526977	MW-38_20210310	MW-38	03/10/2021	<5	375	<2	<2	<4	<2	<4	<2	<2	85.4	42.4	<2	<8	33.4	18.1	<2	<2	323	29.8	<2	290	189	101	1770	619	<100	2490
92526977	DUP-1-20210310	MW-38	03/10/2021	<5	377	<2	<2	<4	<2	<4	<2	<2	89.7	42.4	<2	<8	35.1	<8	<2	<2	327	22.8	<2	300	195	105	1570	464	<100	2100
92530256	MW-38_20210407	MW-38	04/07/2021	<5	644	<2.5	<2.5	<5	<2.5	<5	<2.5	<2.5	136	68.1	<2.5	<10	50.2	11.8	<2.5	<2.5	473	46.9	<2.5	453	299	154	5570	1400	126	6966
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	5190
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	<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	<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	2770	1070	323	4070
92515075	MW-40_20210106	MW-40	01/06/2021	32.4	1870	<12.5	<12.5	<25	<12.5	<25	<12.5	<12.5	146	252	<12.5	<50	20	78.4	<12.5	<12.5	4460	355	<12.5	1942	1280	662	12100	6890	1430	20400
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	<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	<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	<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
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	<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																			

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				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92509250	MW-43 20201202	MW-43	12/02/2020	<5	<0.5	<0.5	<0.5	<1	2.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<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-43 20210105	MW-43	01/05/2021	<5	<0.5	<0.5	<0.5	<1	1.2	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<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-43 20210209	MW-43	02/09/2021	<5	<0.5	<0.5	<0.5	<1	0.59	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<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-43 20210312	MW-43	03/12/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<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-43 20210408	MW-43	04/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<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-44 20200915	MW-44	09/15/2020	34.6	11.2	<0.5	<0.5	<1	18.5	<1	<0.5	<0.5	<0.5	8.4	<0.5	<2	<0.5	2.1	0.78	<0.5	77.1	4.3	0.58	35	21.3	13.7	155	<100	<100	252
92501345	MW-44 20201020	MW-44	10/20/2020	<5	0.6	<0.5	<0.5	<1	1.2	<1	<0.5	<0.5	<0.5	0.53	<0.5	<2	<0.5	<2	<0.5	<0.5	3	0.77	<0.5	4.1	2.7	1.4	<100	<100	<100	<100
92508886	MW-44 20201201	MW-44	12/02/2020	8.9	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	1.4	0.55	<0.5	1.86	1.3	0.56	<100	<100	<100	<100
92514892	MW-44 20210105	MW-44	01/05/2021	54.4	<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
92522126	MW-44 20210212	MW-44	02/12/2021	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
92527474	MW-44 20210312	MW-44	03/12/2021	<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	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92531580	MW-44 20210406	MW-44	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
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
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.											

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-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	<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	<1.5	<1	<0.5	<100	<100	<100	<100	
92509251	MW-49_20201202	MW-49	12/02/2020	16.2	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	3.4	<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	
92515548	MW-49_20210107	MW-49	01/07/2021	31	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	7	<0.5	<0.5	<2	2.9	<2	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92522126	MW-49_20210212	MW-49	02/12/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	8.3	<0.5	<0.5	<2	4.1	<2	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92527474	MW-49_20210312	MW-49	03/12/2021	20.2	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	3.4	<0.5	<0.5	<2	1.5	<2	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92531580	MW-49_20210406	MW-49	04/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	1.3	<0.5	<0.5	<2	0.58	<2	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92497017	MW-50_20200922	MW-50	09/22/2020	6.7	205	<2	<2	<4	5.9	<4	<2	<2	37.2	20.2	<2	<8	24.3	<8	<2	<2	375	11	<2	131.5	77.3	54.2	1570	284	<100	1930
92501345	MW-50_20201020	MW-50	10/20/2020	19.2	1370	<6.2	<6.2	<12.5	<6.2	<12.5	<6.2	<6.2	208	144	<6.2	35.8	138	<25	<6.2	<6.2	1980	89.2	<6.2	947	611	336	7750	1990	398	10100
92509251	MW-50_20201202	MW-50	12/02/2020	<5	3730	<10	<10	<20	<10	<20	<10	<10	482	406	10.3	<40	287	68.3	<10	<10	3760	270	<10	2912	1950	962	18700	5620	934	6550
92515216	MW-50_20210106	MW-50	01/06/2021	18.2	4670	<25	<25	<50	<25	<50	<25	<25	587	552	<25	<100	392	111	<25	<25	6590	450	<25	3690	2460	1230	25900	8140	1210	35300
92522126	MW-50_20210212	MW-50	02/12/2021	<5	996	<5	<5	<10	<5	<10	<5	<5	161	37.5	<5	<20	116	54	<5	<5	467	127	<5	1080	713	367	5030	2420	<1000	8160
92527474	MW-50_20210312	MW-50	03/12/2021	5.8	844	<2.5	<2.5	<5	<2.5	<5	<2.5	<2.5	113	43	2.7	<10	59.6	45.8	<2.5	<2.5	647	125	<2.5	1149	750	399	7570	2460	339	2120
92531580	MW-50_20210406	MW-50	04/06/2021	<5	701	<2.5	<2.5	<5	<2.5	<5	<2.5	<2.5	114	4.0	<2.5	<10	46.9	14.1	<2.5	<2.5	290	89.2	<2.5	885	563	322	6130	2170	263	8303
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	<0.5	<2	<0.5	<2	<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	<0.5	<2	<0.5	<2	<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	<0.5	<2	<0.5	<2	<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	<0.5	<2	<0.5	<2	<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	<0.5	<2	<0.5	<2	<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	<0.5	<2	<0.5	<2	<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	<0.5	<2	<0.5	<2	<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	1150
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														

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-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	<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	<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	<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	<1.5	<1	<0.5	<100	<100	<100	<100	
92521555	MW-53_20210210	MW-53	02/10/2021	<5	<0.5	<0.5	<0.5	<1	0.61	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92526977	MW-53_20210310	MW-53	03/10/2021	<5	<0.5	<0.5	<0.5	<1	0.60	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	1330	440	<100	1860	
92532417	MW-53_20210408	MW-53	04/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92499057	MW-54_20201006	MW-54	10/06/2020	8.2	<0.5	3	<0.5	<1	28.2	<1	<0.5	0.75	<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	
92501860	MW-54_20201022	MW-54	10/22/2020	<5	<0.5	0.65	<0.5	<1	9.4	<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	
92509560	MW-54_20201203	MW-54	12/03/2020	18.6	<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	<1.5	<1	<0.5	<100	<100	<100	<100	
92509560	Dup-2-20201203	MW-54	12/03/2020	14.7	<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	<1.5	<1	<0.5	<100	<100	<100	<100	
92515544	MW-54_20210107	MW-54	01/07/2021	29.1	<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	<100	<100	<100	<100	
92521555	MW-54_20210210	MW-54	02/10/2021	<5	<0.5	<0.5	<0.5	<1	2.6	<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	
92527327	MW-54_20210311	MW-54	03/11/2021	<5	<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	<50	<50	<50	<50	
92530256	MW-54_20210407	MW-54	04/07/2021	<5	218	<2.5	<2.5	<5	<2.5	<5	<2.5	<2.5	22	30.6	<2.5	<10	<2.5	<10	<2.5	<2.5	636	18.4	<2.5	230.1	145	85.1	3530	644	<50	4126
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	3590	626	<12.5	2730	1870	860	13000	4580	1720	6300
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	<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	<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	<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	<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	<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	<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				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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
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	<1.5	<1	<0.5	<100	<100	<100	<100
92520901	MW-58_20210208	MW-58	02/08/2021	<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	<100	<100	<100	<100
92527327	MW-58_20210311	MW-58	03/11/2021	<5	<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	<50	<50	<50	<50
92532417	MW-58_20210408	MW-58	04/08/2021	<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
92500608	MW-59_20201007	MW-59	10/07/2020	<5	<0.5	<0.5	<0.5	<1	2.8	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92501616	MW-59_20201021	MW-59	10/21/2020	<5	<0.5	<0.5	<0.5	<1	2.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92508881	MW-59_20201201	MW-59	12/01/2020	31.6	<0.5	<0.5	<0.5	<1	1.8	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92514898	MW-59_20210105	MW-59	01/05/2021	37.3	<0.5	<0.5	<0.5	<1	1.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92521237	MW-59_20210209	MW-59	02/09/2021	<5	<0.5	<0.5	<0.5	<1	0.68	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92527327	MW-59_20210311	MW-59	03/11/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	0.52	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92532417	MW-59_20210408	MW-59	04/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92500607	MW-60_20201007	MW-60	10/07/2020	18	<0.5	4.1	<0.5	<1	15.2	<1	<0.5	1.3	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<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
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

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				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	
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													

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				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	
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	
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	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	1070	138	<50	1197
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
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	
92522267	MW-75_20210215	MW-75	02/15/2021	31.8	<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	<1.5	<1	<0.5	<100	<100	<100	<100	
92526262	MW-75_20210308	MW-75	03/08/2021	16.3	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92531238	MW-75_20210405	MW-75	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	<1.5	<1	<0.5	<50	<50	<50	<50	
92522265	MW-76_20210215	MW-76	02/15/2021	10.4	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92527474	MW-76_20210312	MW-76	03/12/2021	8.9	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92527474	DUP-1-20210312	MW-76	03/12/2021	15.6	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92531580	MW-76_20210406	MW-76	04/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92526257	MW-77_20210308	MW-77	03/08/2021	5.7	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92526257	DUP-1-20210308	MW-77	03/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92531585	MW-77_20210406	MW-77	04/06/2021	5.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<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				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92526257	MW-78 20210308	MW-78	03/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92531585	MW-78 20210406	MW-78	04/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92531585	Dup-1-20210406	MW-78	04/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92526616	MW-79 20210309	MW-79	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
92531585	MW-79 20210406	MW-79	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
92526616	MW-80 20210309	MW-80	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
92531225	MW-80 20210405	MW-80	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
92527326	MW-81 20210311	MW-81	03/11/2021	<5	3.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	2.9	2.9	<0.5	<2	<0.5	<2	<0.5	<0.5	12.5	12.3	<0.5	42.3	22	20.3	1640	263	93.5	170
92531225	MW-81 20210405	MW-81	04/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	60.8	<50	<50	60.8
92527326	MW-82 20210311	MW-82	03/11/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92531225	MW-82 20210405	MW-82	04/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92527326	MW-83 20210311	MW-83	03/11/2021	67.3	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92531853	MW-83 20210407	MW-83	04/07/2021	35.9	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92527326	MW-84 20210311	MW-84	03/11/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	1.4	<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	MW-84 20210407	MW-84	04/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<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-86 20210405	MW-86	04/05/2021	175	<0.5	<0.5	<0.5	<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
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	<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	<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	<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	<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	<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	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92531231	MW-14D 20210405	MW-14D	04/05/2021	143	<0.5	<0.5	<0.5	<1	0.97	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<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	<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	<0.50	<1.5	<1.0	<0.50	<100	<100	<100	<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				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	<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	01/05/2021	47.3	<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	164	<0.50	<0.50	<1.5	<1.0	<0.50	281	<100	<100	318	
92521237	MW-36D_20210209	MW-36D	02/09/2021	72.1	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	1.1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92526618	MW-36D_20210309	MW-36D	03/09/2021	76.9	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92516451	MW-57D (91-101)	MW-57D	01/12/2021	124	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	8	<0.50	<0.50	<1.5	<1.0	<0.50	<100	<100	<100	<100	
92521237	MW-57D_20210209	MW-57D	02/09/2021	22.8	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<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-57D_20210309	MW-57D	03/09/2021	8.0	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<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-57D_20210407	MW-57D	04/07/2021	31.4	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92515213	MW-59D (150-160)	MW-59D	01/06/2021	6.9	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	34.3	<0.50	<0.50	<1.5	<1.0	<0.50	<100	<100	<100	<100	
92515213	DUP-3	MW-59D	01/06/2021	9.9	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	35	<0.50	<0.50	<1.5	<1.0	<0.50	<100	<100	<100	<100	
92522123	MW-59D_20210212	MW-59D	02/12/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	23.3	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92526977	MW-59D_20210310	MW-59D	03/10/2021	5.7	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	13.1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92532417	MW-59D_20210408	MW-59D	04/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92514602	MW-61D(96.5-103.5)	MW-61D	01/04/2021	8.3	<0.50	2.8	<0.50	<1.0	11.3	<1.0	<0.50	0.65	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	2	<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	
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
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	<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	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	<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	
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				

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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	

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				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	<2	<0.5	<2	<0.5	<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	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92509253	Trip Blank	N/A	12/02/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92509255	Trip Blank	N/A	12/02/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92509251	Trip Blank	N/A	12/02/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92508881	Trip Blank	N/A	12/01/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92509555	Trip Blank	N/A	12/03/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92509560	Trip Blank	N/A	12/03/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92508886	Trip Blank	N/A	12/02/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92514892	Trip Blank	N/A	01/05/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92515214	Trip Blank	N/A	01/06/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92515216	Trip Blank	N/A	01/06/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92514602	Trip Blank	N/A	01/04/2021	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	NA	NA	NA	NA
92514955	Trip Blank	N/A	01/05/2021	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	NA	NA	NA	NA
92515213	TB	N/A	01/06/2021	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	NA	NA	NA	NA
92515075	Trip Blank	N/A	01/06/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92515543	TRIP BLANK	N/A	01/07/2021	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	NA	NA	NA	NA
92515354	Trip Blank	N/A	01/07/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92515387	Trip Blank	N/A	01/07/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92515544	Trip Blank	N/A	01/07/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92515548	Trip Blank	N/A	01/07/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92515755	Trip Blank	N/A	01/09/2021	NA	<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	<0.50	<1.5	<1.0	<0.50	NA	NA	NA	NA
92515762	Trip Blank	N/A	01/10/2021	NA	<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	<0.50	<1.5	<1.0	<0.50	NA	NA	NA	NA
92516451	Trip Blank	N/A	01/12/2021	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	NA	NA	NA	NA
92520901	Trip Blank	N/A	02/08/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92521237	Trip Blank	N/A	02/09/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92521871	TRIP BLANK	N/A	02/11/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92522125	Trip Blank	N/A	02/12/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92521555	Trip Blank	N/A	02/10/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92522267	Trip Blank	N/A	02/15/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92526616	Trip Blank	N/A	03/09/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92526262	Trip Blank	N/A	03/08/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92526264	Trip Blank	N/A	03/08/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA
92526257	Trip Blank	N/A	03/08/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA

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				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92526618	TRIP BLANK	N/A	03/09/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92526989	Trip Blank	N/A	03/10/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92526977	Trip Blank	N/A	03/10/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92527327	Trip Blank	N/A	03/11/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92527336	Trip Blank	N/A	03/11/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92527326	Trip Blank	N/A	03/11/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92527474	Trip Blank	N/A	03/12/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92527475	Trip Blank	N/A	03/12/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<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	
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	

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	EB-1	N/A	01/04/2021	<5.0	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<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	<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	<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	<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	<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	<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	<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
92515543	EB-1-20210107	N/A	01/07/2021	21.3	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	<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	FB-1-20210408	N/A	04/08/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92532417	FB-1-20210409	N/A	04/09/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2	<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

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

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		Bromodichloromethane	Chloroform
			Lead		
NCAC 2L			15	0.6	70
92529142	13800_HC_RD_20210323	03/23/2021	<5	<0.5	<0.5
92530276	13800_HC_RD_20210330	03/30/2021	<5	<0.5	<0.5
92531396	13800_HC_RD_20210406	04/06/2021	<5.0	<0.50	<0.50
92532721	13800_HC_RD_20210413	04/13/2021	<5	<0.5	<0.5
92531397	DUP-1	04/06/2021	<5.0	<0.50	<0.50
92491028	13822_HC_Rd	08/16/2020	53.0	<0.50	<0.50
92492032	13822_HC_Rd	08/21/2020	14.2	NA	NA
92492033	FD_08212020	08/21/2020	10.3	NA	NA
92493878	13822_HC_RD	09/02/2020	11.6	<0.50	<0.50
92495055	13822_HC_RD	09/10/2020	<5.0	<0.50	<0.50
92495069	FD-091020	09/10/2020	<5.0	<0.50	<0.50
92495927	13822_HC_RD_20200916	09/16/2020	14.3	<0.50	<0.50
92497407	13822_HC_RD_20200924	09/24/2020	8.9	<0.50	<0.50
92491385	13831_Sims_Rd	08/17/2020	<5.0	<0.50	<0.50
92492683	13831_Sims_Rd	08/25/2020	<5.0	<0.50	<0.50
92494137	13831_SIMS_RD	09/03/2020	<5.0	<0.50	<0.50
92525138	13831_SIMS_RD_20210302	03/02/2021	<5.0	<0.50	<0.50
92491367	13835_AC_Rd	08/17/2020	<5.0	<0.50	<0.50
92492460	13835_AC_Rd	08/25/2020	<5.0	<0.50	<0.50
92492469	FD1-08252020	08/25/2020	<5.0	<0.50	<0.50
92494135	13835_AC_RD	09/03/2020	<5.0	<0.50	<0.50
92495191	13835_AC_RD	09/11/2020	<5.0	<0.50	<0.50
92495943	13835_AC_RD_20200916	09/16/2020	<5.0	1.7	7.4
92497409	13835_AC_RD_20200924	09/24/2020	16.1	<0.50	<0.50
92498537	13835_AC_RD	10/01/2020	<5.0	<0.50	<0.50
92498539	FD-100120	10/01/2020	<5.0	<0.50	<0.50
92499665	13835_AC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50
92500725	13835_AC_RD_20201015	10/15/2020	<5.0	<0.50	<0.50
92500731	DUP-1	10/15/2020	<5.0	<0.50	<0.50
92501805	13835_AC_RD_20201022	10/22/2020	<5.0	<0.50	<0.50
92502955	13835_AC_RD_20201029	10/29/2020	<5.0	<0.50	<0.50
92502957	DUP-1	10/29/2020	<5.0	<0.50	<0.50
92504283	13835_AC_RD_20201105	11/05/2020	<5.0	<0.50	<0.50

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			Metals (µg/L)	VOCs (µg/L)	
Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform
NCAC 2L			15	0.6	70
92506030	13835 AC RD	11/12/2020	<5.0	<0.50	<0.50
92507400	13835 AC RD	11/19/2020	<5.0	<0.50	<0.50
92508017	13835 AC RD 20201124	11/24/2020	<5.0	<0.50	<0.50
92508716	13835 AC Rd 20201201	12/01/2020	<5.0	<0.50	<0.50
92510233	13835 AC RD 20201208	12/08/2020	<5.0	<0.50	<0.50
92512027	13835 AC RD 20201215	12/15/2020	<5.0	<0.50	<0.50
92512046	DUP-1	12/15/2020	<5.0	<0.50	<0.50
92513354	13835 AC RD 20201222	12/22/2020	<5.0	<0.50	<0.50
92513978	13835 AC RD 20201229	12/29/2020	<5.0	<0.50	<0.50
92514756	13835 AC RD 20210105	01/05/2021	<5.0	<0.50	<0.50
92516191	13835 AC RD 20211112	01/12/2021	<5.0	<0.50	<0.50
92516192	DUP-1	01/12/2021	<5.0	<0.50	<0.50
92517234	13835 AC RD 20211119	01/19/2021	<5.0	<0.50	<0.50
92518610	13835 AC RD 20211126	01/26/2021	15.4	<0.50	<0.50
92519760	13835 AC RD 20210202	02/02/2021	<5.0	<0.50	<0.50
92521099	13835 AC RD 20210209	02/09/2021	15.1	<0.50	<0.50
92522436	13835 AC RD 20210216	02/16/2021	<5.0	<0.50	<0.50
92522438	DUP-1	02/16/2021	<5.0	<0.50	0.62
92523572	13835 AC RD 20210223	02/23/2021	<5.0	<0.50	0.57
92525131	13835 AC RD 20210302	03/02/2021	<5.0	<0.50	0.5
92526625	13835 AC RD 20210309	03/09/2021	13.5	<0.50	0.54
92527864	13835 AC RD 20210316	03/16/2021	6.2	<0.50	0.51
92529170	13835 AC RD 20210323	03/23/2021	<5	<0.5	<0.5
92530284	13835 AC RD 20210330	03/30/2021	<5	<0.5	<0.5
92531392	13835 AC RD 20210406	04/06/2021	<5.0	<0.50	0.52
92532714	13835 AC RD 20210413	04/13/2021	<5	<0.5	0.65
92491363	13901 Sims Rd	08/17/2020	<5.0	<0.50	<0.50
92491368	FD1 081720	08/17/2020	<5.0	<0.50	<0.50
92492466	13901 Sims Rd	08/25/2020	<5.0	<0.50	<0.50
92494138	13901 SIMS RD	09/03/2020	<5.0	<0.50	<0.50
92525133	13901 Sims RD 20210302	03/02/2021	<5.0	<0.50	<0.50

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			Metals (µg/L)	VOCs (µg/L)	
Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform
NCAC 2L			15	0.6	70
92491259	13920 Sims Rd	08/17/2020	<5.0	<0.50	<0.50
92492462	13920 Sims Rd	08/25/2020	<5.0	<0.50	<0.50
92494130	13920 SIMS RD	09/03/2020	<5.0	<0.50	<0.50
92525130	13920 SIMS RD 20210302	03/02/2021	<5.0	<0.50	<0.50
92491360	13923 AC Rd	08/17/2020	<5.0	<0.50	<0.50
92492465	13923 AC Rd	08/25/2020	<5.0	<0.50	<0.50
92494139	13923 AC RD	09/03/2020	<5.0	<0.50	<0.50
92495190	13923 AC RD	09/11/2020	<5.0	<0.50	<0.50
92495938	13923 AC RD 20200916	09/16/2020	<5.0	<0.50	<0.50
92497416	13923 AC RD 20200924	09/24/2020	5.5	<0.50	<0.50
92498533	13923 AC RD	10/01/2020	<5.0	<0.50	<0.50
92499672	13923 AC RD 20201008	10/08/2020	<5.0	<0.50	<0.50
92491030	13926A HC Rd	08/16/2020	<5.0	<0.50	<0.50
92492029	13926A HC Rd	08/21/2020	<5.0	NA	<0.50
92493902	13926A HC RD	09/02/2020	<5.0	<0.50	<0.50
92495062	13926A HC RD	09/10/2020	<5.0	<0.50	<0.50
92495945	13926A HC RD 20200916	09/16/2020	<5.0	<0.50	<0.50
92497401	13926A HC RD 20200924	09/24/2020	<5.0	<0.50	<0.50
92498130	13926A HC RD 20200930	09/30/2020	<5.0	<0.50	<0.50
92499670	13926A HC RD 20201008	10/08/2020	<5.0	<0.50	<0.50
92500718	13926A HC RD 20201015	10/15/2020	<5.0	<0.50	<0.50
92501815	13926A HC RD 20201022	10/22/2020	5.2	<0.50	<0.50
92502951	13926A HC RD 20201029	10/29/2020	6.6	<0.50	<0.50
92504292	13926A HC RD 20201105	11/05/2020	<5.0	<0.50	<0.50

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			Metals (µg/L)	VOCs (µg/L)	
Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform
NCAC 2L			15	0.6	70
92506028	13926A_HC_RD	11/12/2020	<5.0	<0.50	8.2
92507401	13926A_HC_RD	11/19/2020	5.8	<0.50	<0.50
92508011	13926A_HC_RD_20201124	11/24/2020	<5.0	<0.50	<0.50
92508712	13926A_HC_RD_20201201	12/01/2020	5.9	<0.50	<0.50
92510243	13926A_HC_RD_20201208	12/08/2020	<5.0	<0.50	<0.50
92512042	13926A_HC_RD_20201215	12/15/2020	<5.0	<0.50	<0.50
92513351	13926A_HC_RD_20201222	12/22/2020	<5.0	<0.50	<0.50
92513975	13926A_HC_RD_20201229	12/29/2020	<5.0	<0.50	<0.50
92514754	13926A_HC_RD_20210105	01/05/2021	<5.0	<0.50	<0.50
92516196	13926A_HC_RD_20211112	01/12/2021	<5.0	<0.50	<0.50
92517224	13926A_HC_RD_20211119	01/19/2021	<5.0	<0.50	<0.50
92518620	13926A_HC_RD_20211126	01/26/2021	<5.0	<0.50	<0.50
92519764	13926A_HC_RD_20210202	02/02/2021	<5.0	<0.50	<0.50
92521095	13926A_HC_RD_20210209	02/09/2021	24.2	<0.50	<0.50
92522435	13926A_HC_RD_20210216	02/16/2021	<5.0	<0.50	<0.50
92523580	13926A_HC_RD_20210223	02/23/2021	<5.0	<0.50	<0.50
92525137	13926A_HC_RD_20210302	03/02/2021	<5.0	<0.50	<0.50
92526622	13926A_HC_RD_20210309	03/09/2021	7.3	<0.50	<0.50
92527881	13926A_HC_RD_20210316	03/16/2021	<5.0	<0.50	<0.50
92529132	13926A_HC_RD_20210323	03/23/2021	<5	<0.5	<0.5
92530272	13926A_HC_RD_20210330	03/30/2021	<5	<0.5	<0.5
92530286	DUP-1	03/30/2021	<5.0	<0.50	<0.50
92531391	13926A_HC_RD_20210406	04/06/2021	<5.0	<0.50	<0.50
92532713	13926A_HC_RD_20210413	04/13/2021	<5	<0.5	<0.5

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			Metals (µg/L)	VOCs (µg/L)	
Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform
NCAC 2L			15	0.6	70
92491030	13926B_HC_Rd	08/16/2020	<5.0	<0.50	8.9
92492030	13926B_HC_Rd	08/21/2020	NA	NA	8.4
92493891	13926B_HC_RD	09/02/2020	<5.0	<0.50	9.4
92495059	13926B_HC_RD	09/10/2020	<5.0	<0.50	7.6
92495941	13926B_HC_RD_20200916	09/16/2020	<5.0	<0.50	9.6
92495930	Field Duplicate 09-16-2020	09/16/2020	<5.0	<0.50	10.1
92497412	13926B_HC_RD_20200924	09/24/2020	<5.0	<0.50	9.8
92498128	13926B_HC_RD_20200930	09/30/2020	<5.0	<0.50	6.3
92499661	13926B_HC_RD_20201008	10/08/2020	<5.0	<0.50	9.3
92500720	13926B_HC_RD_20201015	10/15/2020	<5.0	<0.50	8.9
92501809	13926B_HC_RD_20201022	10/22/2020	<5.0	<0.50	8.7
92502943	13926B_HC_RD_20201029	10/29/2020	<5.0	<0.50	8.9
92504284	13926B_HC_RD_20201105	11/05/2020	<5.0	<0.50	9.2
92506050	13926B_HC_RD	11/12/2020	<5.0	<0.50	<0.50
92507398	13926B_HC_RD	11/19/2020	<5.0	<0.50	7
92508014	13926B_HC_RD_20201124	11/24/2020	<5.0	<0.50	8.7
92508823	13926B_HC_RD_20201201	12/01/2020	6.6	<0.50	6.8
92510237	13926B_HC_RD_20201208	12/08/2020	<5.0	<0.50	9.2
92512044	13926B_HC_RD_20201215	12/15/2020	<5.0	<0.50	8.5
92513370	13926B_HC_RD_20201222	12/22/2020	<5.0	<0.50	6.4
92513986	13926B_HC_RD_20201229	12/29/2020	<5.0	<0.50	7.5
92514757	13926B_HC_RD_20210105	01/05/2021	<5.0	<0.50	11.5
92514760	DUP-1	01/05/2021	<5.0	<0.50	11.7
92516195	13926B_HC_RD_2021112	01/12/2021	<5.0	<0.50	9.7
92517242	13926B_HC_RD_2021119	01/19/2021	<5.0	<0.50	8.8
92517218	DUP-1	01/19/2021	<5.0	<0.50	8.6
92518587	13926B_HC_RD_2021126	01/26/2021	<5.0	<0.50	7.9
92519742	13926B_HC_RD_20210202	02/02/2021	<5.0	<0.50	9
92521084	13926B_HC_RD_20210209	02/09/2021	<5.0	<0.50	8.9
92522444	13926B_HC_RD_20210216	02/16/2021	<5.0	<0.50	9
92523576	13926B_HC_RD_20210223	02/23/2021	<5.0	<0.50	9.3
92523574	Dup-1	02/23/2021	<5.0	<0.50	9.7

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			Metals (µg/L)	VOCs (µg/L)	
Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform
NCAC 2L			15	0.6	70
92525136	13926B_HC_RD_20210302	03/02/2021	<5.0	<0.50	7.8
92525144	DUP-1	03/02/2021	<5.0	<0.50	0.54
92526624	13926B_HC_RD_20210309	03/09/2021	<5.0	<0.50	9.3
92527878	13926B_HC_RD_20210316	03/16/2021	<5.0	<0.50	8.7
92529205	13926B_HC_RD_20210323	03/23/2021	<5	<0.5	8.1
92530274	13926B_HC_RD_20210330	03/30/2021	<5	<0.5	7.5
92531403	13926B_HC_RD_20210406	04/06/2021	<5.0	<0.50	7.9
92532710	13926B_HC_RD_20210413	04/13/2021	<5	<0.5	8.5
92492031	13937_AC_Rd	08/21/2020	<5.0	<0.50	<0.50
92492463	13937_AC_Rd	08/25/2020	<5.0	<0.50	<0.50
92494129	13937_AC_RD	09/03/2020	<5.0	<0.50	<0.50
92494126	FD-090320	09/03/2020	<0.50	<0.50	<0.50
92495051	13937_AC_RD	09/10/2020	<5.0	<0.50	<0.50
92495928	13937_AC_RD_20200916	09/16/2020	<5.0	<0.50	<0.50
92497405	13937_AC_RD_20200924	09/24/2020	<5.0	<0.50	<0.50
92498536	13937_AC_RD	10/01/2020	<5.0	<0.50	<0.50
92499667	13937_AC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50
92491152	13945_AC_Rd	08/17/2020	<5.0	<0.50	<0.50
92492461	13945_AC_Rd	08/25/2020	<5.0	<0.50	<0.50
92493888	13945_AC_RD	09/02/2020	<5.0	<0.50	<0.50
92495063	13945_AC_RD	09/10/2020	<5.0	<0.50	<0.50
92495935	13945_AC_RD_20200916	09/16/2020	<5.0	<0.50	<0.50
92497410	13945_AC_RD_20200924	09/24/2020	<5.0	<0.50	<0.50
92498532	13945_AC_RD	10/01/2020	<5.0	<0.50	<0.50
92499669	13945_AC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50
92500726	13945_AC_RD_20201015	10/15/2020	<5.0	<0.50	<0.50
92501817	DUP-1	10/22/2020	<5.0	<0.50	<0.50
92501807	13945_AC_RD_20201022	10/22/2020	<5.0	<0.50	<0.50
92502946	13945_AC_RD_20201029	10/29/2020	<5.0	<0.50	<0.50
92504280	13945_AC_RD_20201105	11/05/2020	<5.0	<0.50	<0.50

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			Metals (µg/L)	VOCs (µg/L)	
Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform
NCAC 2L			15	0.6	70
92506044	13945 AC RD	11/12/2020	<5.0	<0.50	<0.50
92507397	13945 AC RD	11/19/2020	<5.0	<0.50	<0.50
92508007	13945 AC RD 20201124	11/24/2020	<5.0	<0.50	<0.50
92508713	13945 AC Rd 20201201	12/01/2020	<5.0	<0.50	<0.50
92508822	DUP-1	12/01/2020	<0.50	<0.50	<0.50
92510208	13945 AC RD 20201208	12/08/2020	<5.0	<0.50	<0.50
92525142	14000 LAWTHER RD 20210302	03/02/2021	<5.0	<0.50	1.2
92491555	14015 ASBURY CHAPEL RD	08/18/2020	<5.0	<0.50	<0.50
92492468	14015 AC Rd	08/25/2020	<5.0	<0.50	1.5
92493886	14015 AC RD	09/02/2020	<5.0	<0.50	4.4
92495058	14015 AC RD	09/10/2020	<5.0	<0.50	<0.50
92495932	14015 AC RD 20200916	09/16/2020	<5.0	<0.50	<0.50
92497403	14015 AC RD 20200924	09/24/2020	<5.0	<0.50	<0.50
92498133	14015 AC RD 20200930	09/30/2020	<5.0	<0.50	<0.50
92499671	14015 AC RD 20201008	10/08/2020	<5.0	<0.50	<0.50
92499673	DUP-1	10/08/2020	<5.0	<0.50	<0.50
92500727	14015 AC RD 20201015	10/15/2020	<5.0	<0.50	<0.50
92501814	14015 AC RD 20201022	10/22/2020	<5.0	<0.50	<0.50
92502948	14015 AC RD 20201029	10/29/2020	<5.0	<0.50	<0.50
92504297	14015 AC RD 20201105	11/05/2020	<5.0	<0.50	<0.50
92504300	DUP-1	11/05/2020	<5.0	<0.50	<0.50
92506055	14015 AC RD	11/12/2020	<5.0	<0.50	<0.50
92506038	FD-111220	11/12/2020	<5.0	<0.50	<0.50
92491361	14024 Sims Rd	08/17/2020	<5.0	<0.50	<0.50
92492464	14024 Sims Rd	08/25/2020	<5.0	<0.50	<0.50
92494133	14024 SIMS RD	09/03/2020	<5.0	<0.50	<0.50
92525135	14024 SIMS RD 20210302	03/02/2021	<5.0	<0.50	<0.50
92493111	14037 Lawther Rd	08/30/2020	37.3	<0.50	<0.50
92495188	14037 LAWTHER RD	09/11/2020	23.1	<0.50	<0.50
92491027	14108 HC Rd	08/15/2020	<5.0	<0.50	<0.50
92492688	14108 HC Rd	08/25/2020	<5.0	<0.50	<0.50
92491029	14226 HC Rd	08/16/2020	<5.0	<0.50	<0.50
92492685	14226 HC Rd	08/25/2020	<5.0	<0.50	<0.50

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Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform
NCAC 2L			15	0.6	70
92493881	14226_HC_RD	09/02/2020	<5.0	<0.50	<0.50
92493905	FD_09_02_20	09/02/2020	<5.0	<0.50	<0.50
92495187	14226_HC_RD	09/11/2020	<5.0	<0.50	<0.50
92495193	FD-091120	09/11/2020	<5.0	<0.50	<0.50
92495934	14226_HC_RD_20200916	09/16/2020	<5.0	<0.50	<0.50
92497413	14226_HC_RD_20200924	09/24/2020	<5.0	<0.50	<0.50
92497418	DUP-1	09/24/2020	<5.0	<0.50	<0.50
92498535	14226_HC_RD	10/01/2020	6.1	<0.50	<0.50
92499662	14226_HC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50
92500723	14226_HC_RD_20201015	10/15/2020	<5.0	<0.50	<0.50
92501813	14226_HC_RD_20201022	10/22/2020	<5.0	<0.50	<0.50
92502953	14226_HC_RD_20201029	10/29/2020	<5.0	<0.50	<0.50
92504286	14226_HC_RD_20201105	11/05/2020	<5.0	<0.50	<0.50
92506051	14226_HC_RD	11/12/2020	<5.0	<0.50	<0.50
92507396	14226_HC_RD	11/19/2020	<5.0	<0.50	<0.50
92508028	14226_HC_RD_20201124	11/24/2020	<5.0	<0.50	<0.50
92508021	DUP-1	11/24/2020	<5.0	<0.50	<0.50
92508835	14226_HC_RD_20201201	12/01/2020	<5.0	<0.50	<0.50
92510240	14226_HC_RD_20201208	12/08/2020	<5.0	<0.50	<0.50
92510245	DUP-1	12/08/2020	<5.0	<0.50	<0.50
92511927	14226_HC_RD_20201215	12/15/2020	<5.0	<0.50	<0.50
92513359	14226_HC_RD_20201222	12/22/2020	<5.0	<0.50	<0.50
92513988	14226_HC_RD_20201229	12/29/2020	<5.0	<0.50	<0.50
92513991	DUP-1	12/29/2020	<5.0	<0.50	<0.50
92514751	14226_HC_RD_20210105	01/05/2021	<5.0	<0.50	<0.50
92516188	14226_HC_RD_20211112	01/12/2021	<5.0	<0.50	<0.50
92517237	14226_HC_RD_20211119	01/19/2021	NA	<0.50	<0.50
92518581	14226_HC_RD_20211126	01/26/2021	<5.0	<0.50	<0.50
92519752	14226_HC_RD_20210202	02/02/2021	<5.0	<0.50	<0.50
92519734	Dup-1	02/02/2021	<5.0	<0.50	<0.50

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
NCAC 2L			15	0.6	70
92521102	14226_HC_RD_20210209	02/09/2021	<5.0	<0.50	<0.50
92521104	DUP-1	02/09/2021	<5.0	<0.50	<0.50
92522445	14226_HC_RD_20210216	02/16/2021	<5.0	<0.50	<0.50
92523584	14226_HC_RD_20210223	02/23/2021	<5.0	<0.50	<0.50
92525132	14226_HC_RD_20210302	03/02/2021	<5.0	<0.50	<0.50
92526623	14226_HC_RD_20210309	03/09/2021	<5.0	<0.50	<0.50
92527853	14226_HC_RD_20210316	03/16/2021	<5.0	<0.50	<0.50
92529174	14226_HC_RD_20210323	03/23/2021	<5	<0.5	<0.5
92530278	14226_HC_RD_20210330	03/30/2021	<5	<0.5	<0.5
92527887	DUP-1	03/16/2021	<5.0	<0.50	<0.50
92531398	14226_HC_RD_20210406	04/06/2021	<5.0	<0.50	<0.50
92532715	14226_HC_RD_20210413	04/13/2021	<5	<0.5	<0.5
92495192	14401_HC_RD	09/11/2020	<5.0	<0.50	<0.50
92495926	14401_HC_RD_20200916	09/16/2020	<5.0	<0.50	<0.50
92497414	14401_HC_RD_20200924	09/24/2020	<5.0	<0.50	<0.50
92498534	14401_HC_RD	10/01/2020	<5.0	<0.50	<0.50
92499663	14401_HC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50
92500730	14401_HC_RD_20201015	10/15/2020	<5.0	<0.50	<0.50
92501803	14401_HC_RD_20201022	10/22/2020	<5.0	<0.50	<0.50
92502940	14401_HC_RD_20201029	10/29/2020	<5.0	<0.50	<0.50
92504290	14401_HC_RD_20201105	11/05/2020	<5.0	<0.50	<0.50
92506047	14401_HC_RD	11/12/2020	<5.0	<0.50	<0.50
92507394	14401_HC_RD	11/19/2020	<5.0	<0.50	<0.50
92508004	14401_HC_RD_20201124	11/24/2020	<5.0	<0.50	<0.50
92508717	14401_HC_RD_20201201	12/01/2020	5.8	<0.50	<0.50
92510211	14401_HC_RD_20201208	12/08/2020	<5.0	<0.50	<0.50
92512045	14401_HC_RD_20201215	12/15/2020	<5.0	<0.50	<0.50
92513372	14401_HC_RD_20201222	12/22/2020	<5.0	<0.50	<0.50
92513342	Dup-1	12/22/2020	<5.0	<0.50	<0.50
92513981	14401_HC_RD_20201229	12/29/2020	<5.0	<0.50	<0.50

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
NCAC 2L			15	0.6	70
92514759	14401_HC_RD_20210105	01/05/2021	<5.0	<0.50	<0.50
92516197	14401_HC_RD_2021112	01/12/2021	<5.0	<0.50	<0.50
92517232	14401_HC_RD_2021119	01/19/2021	<5.0	<0.50	<0.50
92518569	14401_HC_RD_20211126	01/26/2021	<5.0	<0.50	<0.50
92518564	DUP-1	01/26/2021	<5.0	<0.50	<0.50
92519739	14401_HC_RD_20210202	02/02/2021	<5.0	<0.50	<0.50
92521093	14401_HC_RD_20210209	02/09/2021	<5.0	<0.50	<0.50
92522431	14401_HC_RD_20210216	02/16/2021	<5.0	<0.50	<0.50
92523581	14401_HC_RD_20210223	02/23/2021	<5.0	<0.50	<0.50
92525134	14401_HC_RD_20210302	03/02/2021	10.4	<0.50	<0.50
92526626	14401_HC_RD_20210309	03/09/2021	<5.0	<0.50	<0.50
92526621	DUP-1	03/09/2021	<5.0	<0.50	<0.50
92527871	14401_HC_RD_20210316	03/16/2021	<5.0	<0.50	<0.50
92527871	14401_HC_RD_20210316	03/16/2021	<5	<0.5	<0.5
92529145	14401_HC_RD_20210323	03/23/2021	5.5	<0.5	<0.5
92530273	14401_HC_RD_20210330	03/30/2021	<5	<0.5	<0.5
92531400	14401_HC_RD_20210406	04/06/2021	<5.0	<0.50	<0.50
92532719	14401_HC_RD_20210413	04/13/2021	20.4	<0.5	<0.5
92492048	15104_PL_Dr	08/22/2020	NA	NA	NA
92492044	15110_PL_Dr	08/22/2020	NA	NA	NA
92492047	15120_PL_Dr	08/22/2020	NA	NA	NA
92492046	15128_PL_Dr	08/22/2020	NA	NA	NA
92492045	15136_PL_Dr	08/22/2020	NA	NA	NA
92491031	16366_HC_Rd	08/16/2020	<5.0	<0.50	<0.50
92492689	HOA_Lawn	08/26/2020	<5.0	<0.50	<0.50
92492686	FD1_08262020	08/26/2020	<5.0	<0.50	<0.50
92493898	HOA_LAWN	09/02/2020	<5.0	<0.50	<0.50
92495066	HOA_LAWN	09/10/2020	<5.0	<0.50	<0.50

Table 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
NCAC 2L			15	0.6	70
QC Data					
92497418	FB-1	09/24/2020	<5.0	<0.50	<0.50
92492469	Field Blank	08/25/2020	<5.0	<0.50	<0.50
92492905	Field Blank	08/27/2020	<5.0	<0.50	<0.50
92492033	Field Blank	08/21/2020	<5.0	NA	NA
92492686	Field Blank	08/26/2020	<5.0	<0.50	<0.50
92493905	Field Blank	09/02/2020	<5.0	<0.50	<0.50
92494126	Field Blank	09/03/2020	<0.50	<0.50	<0.50
92495069	FIELD BLANK	09/10/2020	<5.0	<0.50	<0.50
92495193	FIELD BLANK	09/11/2020	<5.0	<0.50	<0.50
92495930	Field Blank 09-16-2020	09/16/2020	<5.0	<0.50	<0.50
92491368	FIELD BLANK_1	08/17/2020	<5.0	<0.50	<0.50
92499673	FB-1	10/08/2020	<5.0	<0.50	<0.50
92500731	FB-1	10/15/2020	<5.0	<0.50	<0.50
92501817	FB-1	10/22/2020	<5.0	<0.50	<0.50
92502957	FB-1	10/29/2020	<5.0	<0.50	<0.50
92504300	FB-1	11/05/2020	<5.0	<0.50	<0.50
92506038	Field Blank	11/12/2020	<5.0	<0.50	<0.50
92507391	Field Blank	11/19/2020	<5.0	<0.50	<0.50
92508021	FB-1	11/24/2020	<5.0	<0.50	<0.50
92508822	FB-1	12/01/2020	<0.50	<0.50	<0.50
92510245	FB-1	12/08/2020	<5.0	<0.50	<0.50
92512046	FB-1	12/15/2020	<5.0	<0.50	<0.50
92513342	FB-1	12/22/2020	<5.0	<0.50	<0.50
92513991	FB-1	12/29/2020	<5.0	<0.50	<0.50
92514760	FB-1	01/05/2021	<5.0	<0.50	<0.50
92516192	FB-1	01/12/2021	<5.0	<0.50	<0.50
92517218	FB-1	01/19/2021	<5.0	<0.50	<0.50
92518564	FB-1	01/26/2021	<5.0	<0.50	<0.50
92519734	FB-1	02/02/2021	<5.0	<0.50	<0.50
92521104	FB-1	02/09/2021	<5.0	<0.50	<0.50
92522438	FB-1	02/16/2021	<5.0	<0.50	<0.50
92523574	FB-1	02/23/2021	<5.0	<0.50	<0.50

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
NCAC 2L			15	0.6	70
92525144	FB-1	03/02/2021	<5.0	<0.50	<0.50
92526621	FB-1	03/09/2021	<5.0	<0.50	<0.50
92527887	FB-1	03/16/2021	<5.0	<0.50	<0.50
92530286	FB-1	03/30/2021	<5.0	<0.50	<0.50
92531397	FB-1	04/06/2021	<5.0	<0.50	<0.50
92492469	Trip Blank	08/25/2020	NA	<0.50	<0.50
92492905	Trip Blank	08/27/2020	NA	<0.50	<0.50
92491368	TRIP_BLANK	08/17/2020	NA	<0.50	<0.50
92491387	TRIP_BLANK	08/18/2020	NA	<0.50	<0.50
92491555	TRIP_BLANK	08/18/2020	NA	<0.50	<0.50
92492033	Trip_Blank	08/21/2020	NA	NA	<0.50
92493111	Trip_Blank	08/30/2020	NA	<0.50	<0.50
92493905	Trip_Blank	09/02/2020	NA	<0.50	<0.50
92494126	Trip_Blank	09/03/2020	NA	<0.50	<0.50
92495069	TRIP_BLANK	09/10/2020	NA	<0.50	<0.50
92495193	TRIP_BLANK	09/11/2020	NA	<0.50	<0.50
92495930	Trip_Blank	09/16/2020	NA	<0.50	<0.50
92497418	Trip_Blank	09/24/2020	NA	<0.50	<0.50
92499673	TRIP BLANK	10/08/2020	NA	<0.50	<0.50
92500731	TRIP BLANK	10/15/2020	NA	<0.50	<0.50
92501817	TRIP BLANK	10/22/2020	NA	<0.50	<0.50
92502957	TRIP BLANK	10/29/2020	NA	<0.50	<0.50
92504300	TRIP BLANK	11/05/2020	NA	<0.50	<0.50
92506038	Trip Blank	11/12/2020	NA	<0.50	<0.50
92507391	Trip Blank	11/19/2020	NA	<0.50	<0.50
92508021	Trip Blank	11/24/2020	<5.0	<0.50	<0.50
92508822	Trip Blank	12/01/2020	NA	<0.50	<0.50
92510245	Trip Blank	12/08/2020	NA	<0.50	<0.50
92512046	Trip Blank	12/15/2020	NA	<0.50	<0.50
92513342	Trip Blank	12/22/2020	NA	<0.50	<0.50
92513991	Trip Blank	12/29/2020	NA	<0.50	<0.50
92514760	TRIP BLANK	01/05/2021	NA	<0.50	<0.50
92516192	Trip Blank	01/12/2021	NA	<0.50	<0.50

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
NCAC 2L			15	0.6	70
92517218	TRIP BLANK	01/19/2021	NA	<0.50	<0.50
92518564	Trip Blank	01/26/2021	NA	<0.50	<0.50
92519734	Trip Blank	02/02/2021	NA	<0.50	<0.50
92521104	Trip Blank	02/09/2021	NA	<0.50	<0.50
92522438	Trip Blank	02/16/2021	NA	<0.50	<0.50
92523574	Trip Blank	02/23/2021	NA	<0.50	<0.50
92525144	Trip Blank	03/02/2021	NA	<0.50	<0.50
92526621	Trip Blank	03/09/2021	NA	<0.50	<0.50
92527887	TRIP BLANK	03/16/2021	NA	<0.50	<0.50
92530286	Trip Blank	03/30/2021	NA	<0.50	<0.50
92531397	TRIP BLANK	04/06/2021	#N/A	<0.50	<0.50

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

March 09, 2021

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

RE: Project: 2020-L1-2448
Pace Project No.: 92525140

Dear Andrew Street:

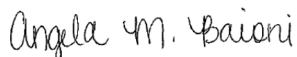
Enclosed are the analytical results for sample(s) received by the laboratory on March 02, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace National - Mt. Juliet

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

Sincerely,



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

Enclosures

cc: J Culbreath, Colonial Pipeline Company
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
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448

Pace Project No.: 92525140

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122

Alabama Certification #: 40660

Alaska Certification #: 17-026

Arizona Certification #: AZ0612

Arkansas Certification #: 88-0469

California Certification #: 2932

Canada Certification #: 1461.01

Colorado Certification #: TN00003

Connecticut Certification #: PH-0197

DOD Certification #: #1461.01

EPA# TN00003

Florida Certification #: E87487

Georgia DW Certification #: 923

Georgia Certification: NELAP

Idaho Certification #: TN00003

Illinois Certification #: 200008

Indiana Certification #: C-TN-01

Iowa Certification #: 364

Kansas Certification #: E-10277

Kentucky UST Certification #: 16

Kentucky Certification #: 90010

Louisiana Certification #: AI30792

Louisiana DW Certification #: LA180010

Maine Certification #: TN0002

Maryland Certification #: 324

Massachusetts Certification #: M-TN003

Michigan Certification #: 9958

Minnesota Certification #: 047-999-395

Mississippi Certification #: TN00003

Missouri Certification #: 340

Montana Certification #: CERT0086

Nebraska Certification #: NE-OS-15-05

Nevada Certification #: TN-03-2002-34

New Hampshire Certification #: 2975

New Jersey Certification #: TN002

New Mexico DW Certification

New York Certification #: 11742

North Carolina Aquatic Toxicity Certification #: 41

North Carolina Drinking Water Certification #: 21704

North Carolina Environmental Certificate #: 375

North Dakota Certification #: R-140

Ohio VAP Certification #: CL0069

Oklahoma Certification #: 9915

Oregon Certification #: TN200002

Pennsylvania Certification #: 68-02979

Rhode Island Certification #: LAO00356

South Carolina Certification #: 84004

South Dakota Certification

Tennessee DW/Chem/Micro Certification #: 2006

Texas Mold Certification #: LAB0152

Texas Certification #: T 104704245-17-14

USDA Soil Permit #: P330-15-00234

Utah Certification #: TN00003

Virginia Certification #: VT2006

Vermont Dept. of Health: ID# VT-2006

Virginia Certification #: 460132

Washington Certification #: C847

West Virginia Certification #: 233

Wisconsin Certification #: 998093910

Wyoming UST Certification #: via A2LA 2926.01

A2LA-ISO 17025 Certification #: 1461.01

A2LA-ISO 17025 Certification #: 1461.02

AIHA-LAP/LLC EMLAP Certification #:100789

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448

Pace Project No.: 92525140

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92525140001	MW-80 (20-22)	MADEP VPH	ACG	6	PAN
		EPA 8260D	JAH	71	PAN
		SM 2540G	CMK	1	PAN

PAN = Pace National - Mt. Juliet

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448

Pace Project No.: 92525140

Sample: MW-80 (20-22) **Lab ID: 92525140001** Collected: 03/02/21 16:00 Received: 03/02/21 17:05 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
MADEPV								
Analytical Method: MADEP VPH Preparation Method: MADEPV								
Pace National - Mt. Juliet								
Aliphatic (C05-C08)	ND	ug/kg	7940	1	03/02/21 16:00	03/05/21 12:09		
Aliphatic (C09-C12)	ND	ug/kg	7940	1	03/02/21 16:00	03/05/21 12:09		
Aromatic (C09-C10), Unadjusted	ND	ug/kg	7940	1	03/02/21 16:00	03/05/21 12:09	TPHC9C10A	
Total VPH	ND	ug/kg	7940	1	03/02/21 16:00	03/05/21 12:09	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	95.0	%	70.0-130	1	03/02/21 16:00	03/05/21 12:09	615-59-8FID	
2,5-Dibromotoluene (PID)	94.2	%	70.0-130	1	03/02/21 16:00	03/05/21 12:09	615-59-8PID	

VOA (GC/MS) 8260D

Analytical Method: EPA 8260D Preparation Method: 5035A

Pace National - Mt. Juliet

Acetone	ND	ug/kg	78.3	1	03/02/21 16:00	03/07/21 22:37	67-64-1	
Benzene	ND	ug/kg	1.57	1	03/02/21 16:00	03/07/21 22:37	71-43-2	
Bromobenzene	ND	ug/kg	19.6	1	03/02/21 16:00	03/07/21 22:37	108-86-1	
Bromodichloromethane	ND	ug/kg	3.92	1	03/02/21 16:00	03/07/21 22:37	75-27-4	
Bromoform	ND	ug/kg	39.2	1	03/02/21 16:00	03/07/21 22:37	75-25-2	
Bromomethane	ND	ug/kg	19.6	1	03/02/21 16:00	03/07/21 22:37	74-83-9	
n-Butylbenzene	ND	ug/kg	19.6	1	03/02/21 16:00	03/07/21 22:37	104-51-8	
sec-Butylbenzene	ND	ug/kg	19.6	1	03/02/21 16:00	03/07/21 22:37	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.83	1	03/02/21 16:00	03/07/21 22:37	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.83	1	03/02/21 16:00	03/07/21 22:37	56-23-5	
Chlorobenzene	ND	ug/kg	3.92	1	03/02/21 16:00	03/07/21 22:37	108-90-7	
Dibromochloromethane	ND	ug/kg	3.92	1	03/02/21 16:00	03/07/21 22:37	124-48-1	
Chloroethane	ND	ug/kg	7.83	1	03/02/21 16:00	03/07/21 22:37	75-00-3	
Chloroform	ND	ug/kg	3.92	1	03/02/21 16:00	03/07/21 22:37	67-66-3	
Chloromethane	ND	ug/kg	19.6	1	03/02/21 16:00	03/07/21 22:37	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.92	1	03/02/21 16:00	03/07/21 22:37	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.83	1	03/02/21 16:00	03/07/21 22:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	39.2	1	03/02/21 16:00	03/07/21 22:37	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.92	1	03/02/21 16:00	03/07/21 22:37	106-93-4	
Dibromomethane	ND	ug/kg	7.83	1	03/02/21 16:00	03/07/21 22:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.83	1	03/02/21 16:00	03/07/21 22:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.83	1	03/02/21 16:00	03/07/21 22:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.83	1	03/02/21 16:00	03/07/21 22:37	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.92	1	03/02/21 16:00	03/07/21 22:37	75-71-8	C3
1,1-Dichloroethane	ND	ug/kg	3.92	1	03/02/21 16:00	03/07/21 22:37	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.92	1	03/02/21 16:00	03/07/21 22:37	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.92	1	03/02/21 16:00	03/07/21 22:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.92	1	03/02/21 16:00	03/07/21 22:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.83	1	03/02/21 16:00	03/07/21 22:37	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.83	1	03/02/21 16:00	03/07/21 22:37	78-87-5	
1,1-Dichloropropene	ND	ug/kg	3.92	1	03/02/21 16:00	03/07/21 22:37	563-58-6	
1,3-Dichloropropane	ND	ug/kg	7.83	1	03/02/21 16:00	03/07/21 22:37	142-28-9	
cis-1,3-Dichloropropene	ND	ug/kg	3.92	1	03/02/21 16:00	03/07/21 22:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.83	1	03/02/21 16:00	03/07/21 22:37	10061-02-6	
2,2-Dichloropropane	ND	ug/kg	3.92	1	03/02/21 16:00	03/07/21 22:37	594-20-7	C3

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448

Pace Project No.: 92525140

Sample: MW-80 (20-22) **Lab ID: 92525140001** Collected: 03/02/21 16:00 Received: 03/02/21 17:05 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
VOA (GC/MS) 8260D								
Analytical Method: EPA 8260D Preparation Method: 5035A								
Pace National - Mt. Juliet								
Diisopropyl ether	ND	ug/kg	1.57	1	03/02/21 16:00	03/07/21 22:37	108-20-3	
Ethylbenzene	ND	ug/kg	3.92	1	03/02/21 16:00	03/07/21 22:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	39.2	1	03/02/21 16:00	03/07/21 22:37	87-68-3	
2-Hexanone	ND	ug/kg	39.2	1	03/02/21 16:00	03/07/21 22:37	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.92	1	03/02/21 16:00	03/07/21 22:37	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.83	1	03/02/21 16:00	03/07/21 22:37	99-87-6	
2-Butanone (MEK)	ND	ug/kg	157	1	03/02/21 16:00	03/07/21 22:37	78-93-3	
Methylene Chloride	ND	ug/kg	39.2	1	03/02/21 16:00	03/07/21 22:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	39.2	1	03/02/21 16:00	03/07/21 22:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	1.57	1	03/02/21 16:00	03/07/21 22:37	1634-04-4	
Naphthalene	ND	ug/kg	19.6	1	03/02/21 16:00	03/07/21 22:37	91-20-3	
n-Propylbenzene	ND	ug/kg	7.83	1	03/02/21 16:00	03/07/21 22:37	103-65-1	
Styrene	ND	ug/kg	19.6	1	03/02/21 16:00	03/07/21 22:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.92	1	03/02/21 16:00	03/07/21 22:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.92	1	03/02/21 16:00	03/07/21 22:37	79-34-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.92	1	03/02/21 16:00	03/07/21 22:37	76-13-1	
Tetrachloroethene	ND	ug/kg	3.92	1	03/02/21 16:00	03/07/21 22:37	127-18-4	
Toluene	ND	ug/kg	7.83	1	03/02/21 16:00	03/07/21 22:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	19.6	1	03/02/21 16:00	03/07/21 22:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	19.6	1	03/02/21 16:00	03/07/21 22:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.92	1	03/02/21 16:00	03/07/21 22:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.92	1	03/02/21 16:00	03/07/21 22:37	79-00-5	
Trichloroethene	ND	ug/kg	1.57	1	03/02/21 16:00	03/07/21 22:37	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.92	1	03/02/21 16:00	03/07/21 22:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	19.6	1	03/02/21 16:00	03/07/21 22:37	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.83	1	03/02/21 16:00	03/07/21 22:37	95-63-6	
1,2,3-Trimethylbenzene	ND	ug/kg	7.83	1	03/02/21 16:00	03/07/21 22:37	526-73-8	
1,3,5-Trimethylbenzene	ND	ug/kg	7.83	1	03/02/21 16:00	03/07/21 22:37	108-67-8	
Vinyl acetate	ND	ug/kg	19.6	1	03/02/21 16:00	03/07/21 22:37	108-05-4	C3,L0
Vinyl chloride	ND	ug/kg	3.92	1	03/02/21 16:00	03/07/21 22:37	75-01-4	
o-Xylene	ND	ug/kg	3.92	1	03/02/21 16:00	03/07/21 22:37	95-47-6	
m&p-Xylene	ND	ug/kg	6.27	1	03/02/21 16:00	03/07/21 22:37	179601-23-1	
Xylene (Total)	ND	ug/kg	10.2	1	03/02/21 16:00	03/07/21 22:37	1330-20-7	
Surrogates								
Toluene-d8 (S)	103	%	75.0-131	1	03/02/21 16:00	03/07/21 22:37	2037-26-5	
4-Bromofluorobenzene (S)	101	%	67.0-138	1	03/02/21 16:00	03/07/21 22:37	460-00-4	
1,2-Dichloroethane-d4 (S)	98.3	%	70.0-130	1	03/02/21 16:00	03/07/21 22:37	17060-07-0	

Total Solids 2540 G-2011

Analytical Method: SM 2540G Preparation Method: SM 2540 G

Pace National - Mt. Juliet

Total Solids	82.9	%		1	03/06/21 09:51	03/06/21 09:59		
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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92525140

QC Batch: 1629965

QC Batch Method: MADEPV

Analysis Method: MADEP VPH

Analysis Description: MADEPV

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92525140001

METHOD BLANK: R3628710-3

Matrix: Solid

Associated Lab Samples: 92525140001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/kg	ND	5000	03/05/21 11:28	
Aliphatic (C09-C12)	ug/kg	ND	5000	03/05/21 11:28	
Aromatic (C09-C10),Unadjusted	ug/kg	ND	5000	03/05/21 11:28	
Total VPH	ug/kg	ND	5000	03/05/21 11:28	
2,5-Dibromotoluene (FID)	%	90.3	70.0-130	03/05/21 11:28	
2,5-Dibromotoluene (PID)	%	89.3	70.0-130	03/05/21 11:28	

LABORATORY CONTROL SAMPLE & LCSD: R3628710-1

R3628710-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/kg	60000	64000	63900	107	107	70.0-130	0.156	25	
Aliphatic (C09-C12)	ug/kg	70000	74700	74400	107	106	70.0-130	0.402	25	
Aromatic (C09-C10),Unadjusted	ug/kg	10000	11000	10600	110	106	70.0-130	3.70	25	
Total VPH	ug/kg	140000	150000	149000	107	106	70.0-130	0.669	25	
2,5-Dibromotoluene (FID)	%				97.1	92.2	70.0-130			
2,5-Dibromotoluene (PID)	%				97.7	92.4	70.0-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3628710-4

R3628710-5

Parameter	Units	L1322919-05 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Aliphatic (C05-C08)	ug/kg	ND	94900	94900	97800	94500	103	99.6	70.0-130	3.38	
Aliphatic (C09-C12)	ug/kg	ND	111000	111000	127000	123000	115	111	70.0-130	3.57	
Aromatic (C09-C10),Unadjusted	ug/kg	ND	15800	15800	18000	17800	114	112	70.0-130	1.47	
Total VPH	ug/kg	ND	221000	221000	243000	235000	110	106	70.0-130	3.39	
2,5-Dibromotoluene (FID)	%						90.2	98.6	70.0-130		
2,5-Dibromotoluene (PID)	%						90.0	98.8	70.0-130		

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QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92525140

QC Batch: 1630898

QC Batch Method: 5035A

Analysis Method: EPA 8260D

Analysis Description: VOA (GC/MS) 8260D

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92525140001

METHOD BLANK: R3628884-2

Matrix: Solid

Associated Lab Samples: 92525140001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acetone	ug/kg	ND	50.0	03/07/21 19:30	
Benzene	ug/kg	ND	1.00	03/07/21 19:30	
Bromobenzene	ug/kg	ND	12.5	03/07/21 19:30	
Bromodichloromethane	ug/kg	ND	2.50	03/07/21 19:30	
Bromoform	ug/kg	ND	25.0	03/07/21 19:30	
Bromomethane	ug/kg	ND	12.5	03/07/21 19:30	
n-Butylbenzene	ug/kg	ND	12.5	03/07/21 19:30	
sec-Butylbenzene	ug/kg	ND	12.5	03/07/21 19:30	
tert-Butylbenzene	ug/kg	ND	5.00	03/07/21 19:30	
Carbon tetrachloride	ug/kg	ND	5.00	03/07/21 19:30	
Chlorobenzene	ug/kg	ND	2.50	03/07/21 19:30	
Dibromochloromethane	ug/kg	ND	2.50	03/07/21 19:30	
Chloroethane	ug/kg	ND	5.00	03/07/21 19:30	
Chloroform	ug/kg	ND	2.50	03/07/21 19:30	
Chloromethane	ug/kg	ND	12.5	03/07/21 19:30	
2-Chlorotoluene	ug/kg	ND	2.50	03/07/21 19:30	
4-Chlorotoluene	ug/kg	ND	5.00	03/07/21 19:30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	25.0	03/07/21 19:30	
1,2-Dibromoethane (EDB)	ug/kg	ND	2.50	03/07/21 19:30	
Dibromomethane	ug/kg	ND	5.00	03/07/21 19:30	
1,2-Dichlorobenzene	ug/kg	ND	5.00	03/07/21 19:30	
1,3-Dichlorobenzene	ug/kg	ND	5.00	03/07/21 19:30	
1,4-Dichlorobenzene	ug/kg	ND	5.00	03/07/21 19:30	
Dichlorodifluoromethane	ug/kg	ND	2.50	03/07/21 19:30	
1,1-Dichloroethane	ug/kg	ND	2.50	03/07/21 19:30	
1,2-Dichloroethane	ug/kg	ND	2.50	03/07/21 19:30	
1,1-Dichloroethene	ug/kg	ND	2.50	03/07/21 19:30	
cis-1,2-Dichloroethene	ug/kg	ND	2.50	03/07/21 19:30	
trans-1,2-Dichloroethene	ug/kg	ND	5.00	03/07/21 19:30	
1,2-Dichloropropane	ug/kg	ND	5.00	03/07/21 19:30	
1,1-Dichloropropene	ug/kg	ND	2.50	03/07/21 19:30	
1,3-Dichloropropane	ug/kg	ND	5.00	03/07/21 19:30	
cis-1,3-Dichloropropene	ug/kg	ND	2.50	03/07/21 19:30	
trans-1,3-Dichloropropene	ug/kg	ND	5.00	03/07/21 19:30	
2,2-Dichloropropane	ug/kg	ND	2.50	03/07/21 19:30	
Diisopropyl ether	ug/kg	ND	1.00	03/07/21 19:30	
Ethylbenzene	ug/kg	ND	2.50	03/07/21 19:30	
Hexachloro-1,3-butadiene	ug/kg	ND	25.0	03/07/21 19:30	
2-Hexanone	ug/kg	ND	25.0	03/07/21 19:30	
Isopropylbenzene (Cumene)	ug/kg	ND	2.50	03/07/21 19:30	

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QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92525140

METHOD BLANK: R3628884-2

Matrix: Solid

Associated Lab Samples: 92525140001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
p-Isopropyltoluene	ug/kg	ND	5.00	03/07/21 19:30	
2-Butanone (MEK)	ug/kg	ND	100	03/07/21 19:30	
Methylene Chloride	ug/kg	ND	25.0	03/07/21 19:30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	03/07/21 19:30	
Methyl-tert-butyl ether	ug/kg	ND	1.00	03/07/21 19:30	
Naphthalene	ug/kg	ND	12.5	03/07/21 19:30	
n-Propylbenzene	ug/kg	ND	5.00	03/07/21 19:30	
Styrene	ug/kg	ND	12.5	03/07/21 19:30	
1,1,1,2-Tetrachloroethane	ug/kg	ND	2.50	03/07/21 19:30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	2.50	03/07/21 19:30	
Tetrachloroethene	ug/kg	ND	2.50	03/07/21 19:30	
Toluene	ug/kg	ND	5.00	03/07/21 19:30	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	2.50	03/07/21 19:30	
1,2,3-Trichlorobenzene	ug/kg	ND	12.5	03/07/21 19:30	
1,2,4-Trichlorobenzene	ug/kg	ND	12.5	03/07/21 19:30	
1,1,1-Trichloroethane	ug/kg	ND	2.50	03/07/21 19:30	
1,1,2-Trichloroethane	ug/kg	ND	2.50	03/07/21 19:30	
Trichloroethene	ug/kg	ND	1.00	03/07/21 19:30	
Trichlorofluoromethane	ug/kg	ND	2.50	03/07/21 19:30	
1,2,3-Trichloropropane	ug/kg	ND	12.5	03/07/21 19:30	
1,2,3-Trimethylbenzene	ug/kg	ND	5.00	03/07/21 19:30	
1,2,4-Trimethylbenzene	ug/kg	ND	5.00	03/07/21 19:30	
1,3,5-Trimethylbenzene	ug/kg	ND	5.00	03/07/21 19:30	
Vinyl acetate	ug/kg	ND	12.5	03/07/21 19:30	
Vinyl chloride	ug/kg	ND	2.50	03/07/21 19:30	
Xylene (Total)	ug/kg	ND	6.50	03/07/21 19:30	
o-Xylene	ug/kg	ND	2.50	03/07/21 19:30	
m&p-Xylene	ug/kg	ND	4.00	03/07/21 19:30	
Toluene-d8 (S)	%	103	75.0-131	03/07/21 19:30	
4-Bromofluorobenzene (S)	%	102	67.0-138	03/07/21 19:30	
1,2-Dichloroethane-d4 (S)	%	94.6	70.0-130	03/07/21 19:30	

LABORATORY CONTROL SAMPLE: R3628884-1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Acetone	ug/kg	625	595	95.2	10.0-160	
Benzene	ug/kg	125	118	94.4	70.0-123	
Bromobenzene	ug/kg	125	131	105	73.0-121	
Bromodichloromethane	ug/kg	125	120	96.0	73.0-121	
Bromoform	ug/kg	125	115	92.0	64.0-132	
Bromomethane	ug/kg	125	106	84.8	56.0-147	
n-Butylbenzene	ug/kg	125	119	95.2	68.0-135	
sec-Butylbenzene	ug/kg	125	134	107	74.0-130	
tert-Butylbenzene	ug/kg	125	128	102	75.0-127	

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QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92525140

LABORATORY CONTROL SAMPLE: R3628884-1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/kg	125	118	94.4	66.0-128	
Chlorobenzene	ug/kg	125	124	99.2	76.0-128	
Dibromochloromethane	ug/kg	125	114	91.2	74.0-127	
Chloroethane	ug/kg	125	113	90.4	61.0-134	
Chloroform	ug/kg	125	119	95.2	72.0-123	
Chloromethane	ug/kg	125	102	81.6	51.0-138	
2-Chlorotoluene	ug/kg	125	135	108	75.0-124	
4-Chlorotoluene	ug/kg	125	136	109	75.0-124	
1,2-Dibromo-3-chloropropane	ug/kg	125	117	93.6	59.0-130	
1,2-Dibromoethane (EDB)	ug/kg	125	117	93.6	74.0-128	
Dibromomethane	ug/kg	125	119	95.2	75.0-122	
1,2-Dichlorobenzene	ug/kg	125	129	103	76.0-124	
1,3-Dichlorobenzene	ug/kg	125	125	100	76.0-125	
1,4-Dichlorobenzene	ug/kg	125	125	100	77.0-121	
Dichlorodifluoromethane	ug/kg	125	66.5	53.2	43.0-156	
1,1-Dichloroethane	ug/kg	125	113	90.4	70.0-127	
1,2-Dichloroethane	ug/kg	125	110	88.0	65.0-131	
1,1-Dichloroethene	ug/kg	125	123	98.4	65.0-131	
cis-1,2-Dichloroethene	ug/kg	125	119	95.2	73.0-125	
trans-1,2-Dichloroethene	ug/kg	125	122	97.6	71.0-125	
1,2-Dichloropropane	ug/kg	125	127	102	74.0-125	
1,1-Dichloropropene	ug/kg	125	123	98.4	73.0-125	
1,3-Dichloropropane	ug/kg	125	128	102	80.0-125	
cis-1,3-Dichloropropene	ug/kg	125	117	93.6	76.0-127	
trans-1,3-Dichloropropene	ug/kg	125	113	90.4	73.0-127	
2,2-Dichloropropane	ug/kg	125	80.8	64.6	59.0-135	
Diisopropyl ether	ug/kg	125	129	103	60.0-136	
Ethylbenzene	ug/kg	125	125	100	74.0-126	
Hexachloro-1,3-butadiene	ug/kg	125	103	82.4	57.0-150	
2-Hexanone	ug/kg	625	599	95.8	54.0-147	
Isopropylbenzene (Cumene)	ug/kg	125	121	96.8	72.0-127	
p-Isopropyltoluene	ug/kg	125	128	102	72.0-133	
2-Butanone (MEK)	ug/kg	625	638	102	30.0-160	
Methylene Chloride	ug/kg	125	116	92.8	68.0-123	
4-Methyl-2-pentanone (MIBK)	ug/kg	625	646	103	56.0-143	
Methyl-tert-butyl ether	ug/kg	125	115	92.0	66.0-132	
Naphthalene	ug/kg	125	112	89.6	59.0-130	
n-Propylbenzene	ug/kg	125	134	107	74.0-126	
Styrene	ug/kg	125	124	99.2	72.0-127	
1,1,1,2-Tetrachloroethane	ug/kg	125	115	92.0	74.0-129	
1,1,2,2-Tetrachloroethane	ug/kg	125	107	85.6	68.0-128	
Tetrachloroethene	ug/kg	125	125	100	70.0-136	
Toluene	ug/kg	125	126	101	75.0-121	
1,1,2-Trichlorotrifluoroethane	ug/kg	125	133	106	61.0-139	
1,2,3-Trichlorobenzene	ug/kg	125	114	91.2	59.0-139	
1,2,4-Trichlorobenzene	ug/kg	125	102	81.6	62.0-137	
1,1,1-Trichloroethane	ug/kg	125	121	96.8	69.0-126	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92525140

LABORATORY CONTROL SAMPLE: R3628884-1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,2-Trichloroethane	ug/kg	125	120	96.0	78.0-123	
Trichloroethene	ug/kg	125	139	111	76.0-126	
Trichlorofluoromethane	ug/kg	125	105	84.0	61.0-142	
1,2,3-Trichloropropane	ug/kg	125	132	106	67.0-129	
1,2,3-Trimethylbenzene	ug/kg	125	123	98.4	74.0-124	
1,2,4-Trimethylbenzene	ug/kg	125	128	102	70.0-126	
1,3,5-Trimethylbenzene	ug/kg	125	127	102	73.0-127	
Vinyl acetate	ug/kg	625	250	40.0	43.0-159	L0
Vinyl chloride	ug/kg	125	100	80.0	63.0-134	
Xylene (Total)	ug/kg	375	351	93.6	72.0-127	
o-Xylene	ug/kg	125	119	95.2	79.0-124	
m&p-Xylene	ug/kg	250	232	92.8	76.0-126	
Toluene-d8 (S)	%			104	75.0-131	
4-Bromofluorobenzene (S)	%			100	67.0-138	
1,2-Dichloroethane-d4 (S)	%			96.9	70.0-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3628884-3 R3628884-4

Parameter	Units	L1322965-01		MSD		MS		MSD		MS		MSD		% Rec		RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	% Rec	% Rec	Limits	Limits	Limits	Limits	Limits		
Acetone	ug/kg	ND	625	625	433	424	69.3	67.8	10.0-160	2.10							
Benzene	ug/kg	ND	125	125	129	123	103	98.4	10.0-149	4.76							
Bromobenzene	ug/kg	ND	125	125	130	126	104	101	10.0-156	3.12							
Bromodichloromethane	ug/kg	ND	125	125	121	118	96.8	94.4	10.0-143	2.51							
Bromoform	ug/kg	ND	125	125	113	108	90.4	86.4	10.0-146	4.52							
Bromomethane	ug/kg	ND	125	125	82.1	78.7	65.7	63.0	10.0-149	4.23							
n-Butylbenzene	ug/kg	ND	125	125	134	128	107	102	10.0-160	4.58							
sec-Butylbenzene	ug/kg	ND	125	125	142	134	114	107	10.0-159	5.80							
tert-Butylbenzene	ug/kg	ND	125	125	137	129	110	103	10.0-156	6.02							
Carbon tetrachloride	ug/kg	ND	125	125	137	125	110	100	10.0-145	9.16							
Chlorobenzene	ug/kg	ND	125	125	136	127	109	102	10.0-152	6.84							
Dibromochloromethane	ug/kg	ND	125	125	118	113	94.4	90.4	10.0-146	4.33							
Chloroethane	ug/kg	ND	125	125	77.5	60.5	62.0	48.4	10.0-146	24.6							
Chloroform	ug/kg	ND	125	125	123	120	98.4	96.0	10.0-146	2.47							
Chloromethane	ug/kg	ND	125	125	121	115	96.8	92.0	10.0-159	5.08							
2-Chlorotoluene	ug/kg	ND	125	125	136	140	109	112	10.0-159	2.90							
4-Chlorotoluene	ug/kg	ND	125	125	141	135	113	108	10.0-155	4.35							
1,2-Dibromo-3-chloropropane	ug/kg	ND	125	125	110	102	88.0	81.6	10.0-151	7.55							
1,2-Dibromoethane (EDB)	ug/kg	ND	125	125	120	112	96.0	89.6	10.0-148	6.90							
Dibromomethane	ug/kg	ND	125	125	108	111	86.4	88.8	10.0-147	2.74							
1,2-Dichlorobenzene	ug/kg	ND	125	125	131	125	105	100	10.0-155	4.69							
1,3-Dichlorobenzene	ug/kg	ND	125	125	134	126	107	101	10.0-153	6.15							
1,4-Dichlorobenzene	ug/kg	ND	125	125	131	125	105	100	10.0-151	4.69							
Dichlorodifluoromethane	ug/kg	ND	125	125	77.9	71.4	62.3	57.1	10.0-160	8.71							
1,1-Dichloroethane	ug/kg	ND	125	125	119	118	95.2	94.4	10.0-147	0.844							

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92525140

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3628884-3 R3628884-4											
Parameter	Units	L1322965-01		MS	MSD	MS		MS	MSD	% Rec	Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
1,2-Dichloroethane	ug/kg	0.775	125	125	125	108	107	85.8	85.0	10.0-148	0.930
1,1-Dichloroethene	ug/kg	ND	125	125	125	141	129	113	103	10.0-155	8.89
cis-1,2-Dichloroethene	ug/kg	ND	125	125	125	124	119	99.2	95.2	10.0-149	4.12
trans-1,2-Dichloroethene	ug/kg	ND	125	125	125	131	124	105	99.2	10.0-150	5.49
1,2-Dichloropropane	ug/kg	ND	125	125	125	131	128	105	102	10.0-148	2.32
1,1-Dichloropropane	ug/kg	ND	125	125	125	131	126	105	101	10.0-153	3.89
1,3-Dichloropropane	ug/kg	ND	125	125	125	126	119	101	95.2	10.0-154	5.71
cis-1,3-Dichloropropane	ug/kg	ND	125	125	125	134	121	107	96.8	10.0-151	10.2
trans-1,3-Dichloropropane	ug/kg	ND	125	125	125	123	117	98.4	93.6	10.0-148	5.00
2,2-Dichloropropane	ug/kg	ND	125	125	125	91.9	87.7	73.5	70.2	10.0-138	4.68
Diisopropyl ether	ug/kg	ND	125	125	125	135	130	108	104	10.0-147	3.77
Ethylbenzene	ug/kg	ND	125	125	125	134	127	107	102	10.0-160	5.36
Hexachloro-1,3-butadiene	ug/kg	ND	125	125	125	112	105	89.6	84.0	10.0-160	6.45
2-Hexanone	ug/kg	ND	625	625	625	578	541	92.5	86.6	10.0-160	6.61
Isopropylbenzene (Cumene)	ug/kg	ND	125	125	125	134	125	107	100	10.0-155	6.95
p-Isopropyltoluene	ug/kg	ND	125	125	125	140	133	112	106	10.0-160	5.13
2-Butanone (MEK)	ug/kg	ND	625	625	625	527	536	84.3	85.8	10.0-160	1.69
Methylene Chloride	ug/kg	ND	125	125	125	51.0	46.8	40.8	37.4	10.0-141	8.59
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	625	625	625	629	588	101	94.1	10.0-160	6.74
Methyl-tert-butyl ether	ug/kg	ND	125	125	125	112	102	89.6	81.6	11.0-147	9.35
Naphthalene	ug/kg	ND	125	125	125	110	107	88.0	85.6	10.0-160	2.76
n-Propylbenzene	ug/kg	ND	125	125	125	147	136	118	109	10.0-158	7.77
Styrene	ug/kg	ND	125	125	125	132	123	106	98.4	10.0-160	7.06
1,1,1,2-Tetrachloroethane	ug/kg	ND	125	125	125	125	118	100	94.4	10.0-149	5.76
1,1,2,2-Tetrachloroethane	ug/kg	0.900	125	125	125	118	114	93.7	90.5	10.0-160	3.45
Tetrachloroethene	ug/kg	ND	125	125	125	137	123	110	98.4	10.0-156	10.8
Toluene	ug/kg	1.43	125	125	125	138	128	109	101	10.0-156	7.52
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	125	125	125	143	129	114	103	10.0-160	10.3
1,2,3-Trichlorobenzene	ug/kg	ND	125	125	125	122	120	97.6	96.0	10.0-160	1.65
1,2,4-Trichlorobenzene	ug/kg	ND	125	125	125	113	109	90.4	87.2	10.0-160	3.60
1,1,1-Trichloroethane	ug/kg	ND	125	125	125	132	125	106	100	10.0-144	5.45
1,1,2-Trichloroethane	ug/kg	ND	125	125	125	126	121	101	96.8	10.0-160	4.05
Trichloroethene	ug/kg	ND	125	125	125	142	136	114	109	10.0-156	4.32
Trichlorofluoromethane	ug/kg	ND	125	125	125	92.0	81.3	73.6	65.0	10.0-160	12.3
1,2,3-Trichloropropane	ug/kg	ND	125	125	125	121	122	96.8	97.6	10.0-156	0.823
1,2,3-Trimethylbenzene	ug/kg	ND	125	125	125	129	123	103	98.4	10.0-160	4.76
1,2,4-Trimethylbenzene	ug/kg	ND	125	125	125	134	128	107	102	10.0-160	4.58
1,3,5-Trimethylbenzene	ug/kg	ND	125	125	125	136	128	109	102	10.0-160	6.06
Vinyl acetate	ug/kg	ND	625	625	625	439	393	70.2	62.9	10.0-128	11.1
Vinyl chloride	ug/kg	ND	125	125	125	119	112	95.2	89.6	10.0-160	6.06
Xylene (Total)	ug/kg	1.35	375	375	375	399	374	106	99.4	10.0-160	6.47
o-Xylene	ug/kg	ND	125	125	125	132	123	106	98.4	10.0-156	7.06
m&p-Xylene	ug/kg	ND	250	250	250	267	251	107	100	10.0-156	6.18
Toluene-d8 (S)	%							104	104	75.0-131	
4-Bromofluorobenzene (S)	%							101	100	67.0-138	
1,2-Dichloroethane-d4 (S)	%							96.3	97.0	70.0-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92525140

QC Batch: 1630427

QC Batch Method: SM 2540 G

Analysis Method: SM 2540G

Analysis Description: Total Solids 2540 G-2011

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92525140001

METHOD BLANK: R3628315-1

Matrix: Solid

Associated Lab Samples: 92525140001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Solids	%	ND		03/06/21 09:59	

LABORATORY CONTROL SAMPLE: R3628315-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Solids	%	50.0	50.0	100	85.0-115	

SAMPLE DUPLICATE: R3628315-3

Parameter	Units	L1322731-01 Result	Dup Result	RPD	Qualifiers
Total Solids	%	84.7	84.0	0.725	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448

Pace Project No.: 92525140

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

C3 The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448

Pace Project No.: 92525140

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92525140001	MW-80 (20-22)	MADEPV	1629965	MADEP VPH	1629965
92525140001	MW-80 (20-22)	5035A	1630898	EPA 8260D	1630898
92525140001	MW-80 (20-22)	SM 2540 G	1630427	SM 2540G	1630427

REPORT OF LABORATORY ANALYSIS

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

Billing Information:

Company: **Apex Companies**

Address: **5900 North Woods B-s. Plany, Ste 6**

Report To: **Andrew Street**

Copy To:

Customer Project Name/Number: **2020-11-2448**

State: **NC** County/City: **Huntersville** Time Zone Collected: **ET**

Site Collection Info/Address: **CPC Huntersville Release**

Site/Facility ID #:

Purchase Order #:

Quote #:

Turnaround Date Required: **Standard**

Collected By (Print): **Kyle Taylor**

Collected By (Signature): **Kyle Taylor**

Sample Disposed: **Standard**

Dispose as appropriate: ☐ Return ☐ 2 Day ☐ 3 Day ☐ 4 Day ☐ 5 Day

Archive: ☐ Hold:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID

Matrix *

Comp / Grab

Collected (or Composite Start) Date

Composite End Date

Res Cl

of Ctns

Customer Remarks / Special Conditions / Possible Hazards:

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

Packing Material Used: **NONE**

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

Lab Tracking #: **2616142**

Samples received via: **Client**

FEDEX UPS Courier Pace Courier

Date/Time: **3-22-17**

Date/Time: **3-22-17**

Date/Time: **3-22-17**

Date/Time: **3-22-17**

Date/Time: **3-22-17**

Date/Time: **3-22-17**

Date/Time: **3-22-17**

Date/Time: **3-22-17**

Date/Time: **3-22-17**

Date/Time: **3-22-17**

Date/Time: **3-22-17**

Date/Time: **3-22-17**

LAB

W0#: 92525140

Co 92525140



LY

** 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 sulfite, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses

Lab Profile/line:

Lab Sample Receipt Check List:

Custody Seals Present/Intact Y ☒ NA
Custody Signatures Present Y ☒ NA
Collector Signature Present Y ☒ NA
Bottles Intact Y ☒ NA
Correct Bottles Y ☒ NA
Sufficient Volume Y ☒ NA
Samples Received on Ice Y ☒ NA
VOA - Headspace Acceptable Y ☒ NA
USDA Regulated Soils Y ☒ NA
Samples in Holding Time Y ☒ NA
Residual Chlorine Present Y ☒ NA
Cl Strips: Y ☒ NA
Sample pH Acceptable Y ☒ NA
pH Strips: Y ☒ NA
Sulfide Present Y ☒ NA
Lead Acetate Strips: Y ☒ NA

LAB USE ONLY:
Lab Sample # / Comments:

92525140

01

Lab Sample Temperature Info:

Temp Blank Received: Y ☒ NA
Therm ID#: **92525140**
Cooler 1 Temp Upon Receipt: **0.0** OC
Cooler 1 Therm Corr Factor: **0.0** OC
Cooler 1 Corrected Temp: **0.0** OC
Comments:

Temp Blank Received: Y ☒ NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: of:

March 11, 2021

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

RE: Project: 2020-L1-2248
Pace Project No.: 92525771

Dear Andrew Street:

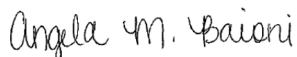
Enclosed are the analytical results for sample(s) received by the laboratory on March 04, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace National - Mt. Juliet

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
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2248

Pace Project No.: 92525771

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122

Alabama Certification #: 40660

Alaska Certification #: 17-026

Arizona Certification #: AZ0612

Arkansas Certification #: 88-0469

California Certification #: 2932

Canada Certification #: 1461.01

Colorado Certification #: TN00003

Connecticut Certification #: PH-0197

DOD Certification #: #1461.01

EPA# TN00003

Florida Certification #: E87487

Georgia DW Certification #: 923

Georgia Certification: NELAP

Idaho Certification #: TN00003

Illinois Certification #: 200008

Indiana Certification #: C-TN-01

Iowa Certification #: 364

Kansas Certification #: E-10277

Kentucky UST Certification #: 16

Kentucky Certification #: 90010

Louisiana Certification #: AI30792

Louisiana DW Certification #: LA180010

Maine Certification #: TN0002

Maryland Certification #: 324

Massachusetts Certification #: M-TN003

Michigan Certification #: 9958

Minnesota Certification #: 047-999-395

Mississippi Certification #: TN00003

Missouri Certification #: 340

Montana Certification #: CERT0086

Nebraska Certification #: NE-OS-15-05

Nevada Certification #: TN-03-2002-34

New Hampshire Certification #: 2975

New Jersey Certification #: TN002

New Mexico DW Certification

New York Certification #: 11742

North Carolina Aquatic Toxicity Certification #: 41

North Carolina Drinking Water Certification #: 21704

North Carolina Environmental Certificate #: 375

North Dakota Certification #: R-140

Ohio VAP Certification #: CL0069

Oklahoma Certification #: 9915

Oregon Certification #: TN200002

Pennsylvania Certification #: 68-02979

Rhode Island Certification #: LAO00356

South Carolina Certification #: 84004

South Dakota Certification

Tennessee DW/Chem/Micro Certification #: 2006

Texas Mold Certification #: LAB0152

Texas Certification #: T 104704245-17-14

USDA Soil Permit #: P330-15-00234

Utah Certification #: TN00003

Virginia Certification #: VT2006

Vermont Dept. of Health: ID# VT-2006

Virginia Certification #: 460132

Washington Certification #: C847

West Virginia Certification #: 233

Wisconsin Certification #: 998093910

Wyoming UST Certification #: via A2LA 2926.01

A2LA-ISO 17025 Certification #: 1461.01

A2LA-ISO 17025 Certification #: 1461.02

AIHA-LAP/LLC EMLAP Certification #:100789

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2248

Pace Project No.: 92525771

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92525771001	MW-81 (15'-17')	MADEP VPH	BMB	6	PAN
		EPA 8260D	DWR	71	PAN
		SM 2540G	CMK	1	PAN
92525771002	MW-82 (15'-17')	MADEP VPH	BMB	6	PAN
		EPA 8260D	DWR	71	PAN
		SM 2540G	CMK	1	PAN

PAN = Pace National - Mt. Juliet

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2248

Pace Project No.: 92525771

Sample: MW-81 (15'-17') **Lab ID: 92525771001** Collected: 03/03/21 14:00 Received: 03/04/21 07:00 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
MADEPV								
Analytical Method: MADEP VPH Preparation Method: MADEPV								
Pace National - Mt. Juliet								
Aliphatic (C05-C08)	ND	ug/kg	7430	1.14	03/03/21 14:00	03/06/21 23:56		
Aliphatic (C09-C12)	ND	ug/kg	7430	1.14	03/03/21 14:00	03/06/21 23:56		
Aromatic (C09-C10), Unadjusted	ND	ug/kg	7430	1.14	03/03/21 14:00	03/06/21 23:56	TPHC9C10A	
Total VPH	ND	ug/kg	7430	1.14	03/03/21 14:00	03/06/21 23:56	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	94.0	%	70.0-130	1.14	03/03/21 14:00	03/06/21 23:56	615-59-8FID	
2,5-Dibromotoluene (PID)	92.3	%	70.0-130	1.14	03/03/21 14:00	03/06/21 23:56	615-59-8PID	
VOA (GC/MS) 8260D								
Analytical Method: EPA 8260D Preparation Method: 5035A								
Pace National - Mt. Juliet								
Acetone	ND	ug/kg	71.9	1.1	03/03/21 14:00	03/06/21 16:13	67-64-1	
Benzene	ND	ug/kg	1.44	1.1	03/03/21 14:00	03/06/21 16:13	71-43-2	
Bromobenzene	ND	ug/kg	18.0	1.1	03/03/21 14:00	03/06/21 16:13	108-86-1	
Bromodichloromethane	ND	ug/kg	3.59	1.1	03/03/21 14:00	03/06/21 16:13	75-27-4	
Bromoform	ND	ug/kg	35.9	1.1	03/03/21 14:00	03/06/21 16:13	75-25-2	
Bromomethane	ND	ug/kg	18.0	1.1	03/03/21 14:00	03/06/21 16:13	74-83-9	
n-Butylbenzene	96.3	ug/kg	18.0	1.1	03/03/21 14:00	03/06/21 16:13	104-51-8	
sec-Butylbenzene	49.2	ug/kg	18.0	1.1	03/03/21 14:00	03/06/21 16:13	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.19	1.1	03/03/21 14:00	03/06/21 16:13	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.19	1.1	03/03/21 14:00	03/06/21 16:13	56-23-5	
Chlorobenzene	ND	ug/kg	3.59	1.1	03/03/21 14:00	03/06/21 16:13	108-90-7	
Dibromochloromethane	ND	ug/kg	3.59	1.1	03/03/21 14:00	03/06/21 16:13	124-48-1	
Chloroethane	ND	ug/kg	7.19	1.1	03/03/21 14:00	03/06/21 16:13	75-00-3	
Chloroform	ND	ug/kg	3.59	1.1	03/03/21 14:00	03/06/21 16:13	67-66-3	
Chloromethane	ND	ug/kg	18.0	1.1	03/03/21 14:00	03/06/21 16:13	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.59	1.1	03/03/21 14:00	03/06/21 16:13	95-49-8	
4-Chlorotoluene	212	ug/kg	7.19	1.1	03/03/21 14:00	03/06/21 16:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	35.9	1.1	03/03/21 14:00	03/06/21 16:13	96-12-8	C3
1,2-Dibromoethane (EDB)	ND	ug/kg	3.59	1.1	03/03/21 14:00	03/06/21 16:13	106-93-4	
Dibromomethane	ND	ug/kg	7.19	1.1	03/03/21 14:00	03/06/21 16:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.19	1.1	03/03/21 14:00	03/06/21 16:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.19	1.1	03/03/21 14:00	03/06/21 16:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.19	1.1	03/03/21 14:00	03/06/21 16:13	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.59	1.1	03/03/21 14:00	03/06/21 16:13	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.59	1.1	03/03/21 14:00	03/06/21 16:13	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.59	1.1	03/03/21 14:00	03/06/21 16:13	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.59	1.1	03/03/21 14:00	03/06/21 16:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.59	1.1	03/03/21 14:00	03/06/21 16:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.19	1.1	03/03/21 14:00	03/06/21 16:13	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.19	1.1	03/03/21 14:00	03/06/21 16:13	78-87-5	
1,1-Dichloropropene	ND	ug/kg	3.59	1.1	03/03/21 14:00	03/06/21 16:13	563-58-6	
1,3-Dichloropropane	ND	ug/kg	7.19	1.1	03/03/21 14:00	03/06/21 16:13	142-28-9	
cis-1,3-Dichloropropene	ND	ug/kg	3.59	1.1	03/03/21 14:00	03/06/21 16:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.19	1.1	03/03/21 14:00	03/06/21 16:13	10061-02-6	
2,2-Dichloropropane	ND	ug/kg	3.59	1.1	03/03/21 14:00	03/06/21 16:13	594-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2248

Pace Project No.: 92525771

Sample: MW-81 (15'-17') **Lab ID: 92525771001** Collected: 03/03/21 14:00 Received: 03/04/21 07:00 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
VOA (GC/MS) 8260D								
Analytical Method: EPA 8260D Preparation Method: 5035A								
Pace National - Mt. Juliet								
Diisopropyl ether	ND	ug/kg	1.44	1.1	03/03/21 14:00	03/06/21 16:13	108-20-3	
Ethylbenzene	9.39	ug/kg	3.59	1.1	03/03/21 14:00	03/06/21 16:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	35.9	1.1	03/03/21 14:00	03/06/21 16:13	87-68-3	C3
2-Hexanone	ND	ug/kg	35.9	1.1	03/03/21 14:00	03/06/21 16:13	591-78-6	
Isopropylbenzene (Cumene)	43.7	ug/kg	3.59	1.1	03/03/21 14:00	03/06/21 16:13	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.19	1.1	03/03/21 14:00	03/06/21 16:13	99-87-6	
2-Butanone (MEK)	ND	ug/kg	144	1.1	03/03/21 14:00	03/06/21 16:13	78-93-3	
Methylene Chloride	ND	ug/kg	35.9	1.1	03/03/21 14:00	03/06/21 16:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	35.9	1.1	03/03/21 14:00	03/06/21 16:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	1.44	1.1	03/03/21 14:00	03/06/21 16:13	1634-04-4	
Naphthalene	ND	ug/kg	18.0	1.1	03/03/21 14:00	03/06/21 16:13	91-20-3	C3
n-Propylbenzene	222	ug/kg	7.19	1.1	03/03/21 14:00	03/06/21 16:13	103-65-1	
Styrene	ND	ug/kg	18.0	1.1	03/03/21 14:00	03/06/21 16:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.59	1.1	03/03/21 14:00	03/06/21 16:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.59	1.1	03/03/21 14:00	03/06/21 16:13	79-34-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.59	1.1	03/03/21 14:00	03/06/21 16:13	76-13-1	
Tetrachloroethene	ND	ug/kg	3.59	1.1	03/03/21 14:00	03/06/21 16:13	127-18-4	
Toluene	ND	ug/kg	7.19	1.1	03/03/21 14:00	03/06/21 16:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	18.0	1.1	03/03/21 14:00	03/06/21 16:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	18.0	1.1	03/03/21 14:00	03/06/21 16:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.59	1.1	03/03/21 14:00	03/06/21 16:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.59	1.1	03/03/21 14:00	03/06/21 16:13	79-00-5	
Trichloroethene	ND	ug/kg	1.44	1.1	03/03/21 14:00	03/06/21 16:13	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.59	1.1	03/03/21 14:00	03/06/21 16:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	18.0	1.1	03/03/21 14:00	03/06/21 16:13	96-18-4	
1,2,4-Trimethylbenzene	29.2	ug/kg	7.19	1.1	03/03/21 14:00	03/06/21 16:13	95-63-6	
1,2,3-Trimethylbenzene	ND	ug/kg	7.19	1.1	03/03/21 14:00	03/06/21 16:13	526-73-8	
1,3,5-Trimethylbenzene	ND	ug/kg	7.19	1.1	03/03/21 14:00	03/06/21 16:13	108-67-8	
Vinyl acetate	ND	ug/kg	18.0	1.1	03/03/21 14:00	03/06/21 16:13	108-05-4	
Vinyl chloride	ND	ug/kg	3.59	1.1	03/03/21 14:00	03/06/21 16:13	75-01-4	
o-Xylene	ND	ug/kg	3.59	1.1	03/03/21 14:00	03/06/21 16:13	95-47-6	
m&p-Xylene	6.61	ug/kg	5.75	1.1	03/03/21 14:00	03/06/21 16:13	179601-23-1	
Xylene (Total)	ND	ug/kg	9.35	1.1	03/03/21 14:00	03/06/21 16:13	1330-20-7	
Surrogates								
Toluene-d8 (S)	107	%	75.0-131	1.1	03/03/21 14:00	03/06/21 16:13	2037-26-5	
4-Bromofluorobenzene (S)	96.8	%	67.0-138	1.1	03/03/21 14:00	03/06/21 16:13	460-00-4	
1,2-Dichloroethane-d4 (S)	89.4	%	70.0-130	1.1	03/03/21 14:00	03/06/21 16:13	17060-07-0	

Total Solids 2540 G-2011

Analytical Method: SM 2540G Preparation Method: SM 2540 G

Pace National - Mt. Juliet

Total Solids	86.1	%		1	03/09/21 13:10	03/09/21 13:21
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2248

Pace Project No.: 92525771

Sample: MW-82 (15'-17') **Lab ID: 92525771002** Collected: 03/03/21 16:20 Received: 03/04/21 07:00 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
MADEPV								
Analytical Method: MADEP VPH Preparation Method: MADEPV								
Pace National - Mt. Juliet								
Aliphatic (C05-C08)	ND	ug/kg	7270	1	03/03/21 16:20	03/07/21 00:30		ML, R1
Aliphatic (C09-C12)	ND	ug/kg	7270	1	03/03/21 16:20	03/07/21 00:30		ML, R1
Aromatic (C09-C10), Unadjusted	ND	ug/kg	7270	1	03/03/21 16:20	03/07/21 00:30	TPHC9C10A	ML, R1
Total VPH	ND	ug/kg	7270	1	03/03/21 16:20	03/07/21 00:30	VPH	ML, R1
Surrogates								
2,5-Dibromotoluene (FID)	93.9	%	70.0-130	1	03/03/21 16:20	03/07/21 00:30	615-59-8FID	
2,5-Dibromotoluene (PID)	93.0	%	70.0-130	1	03/03/21 16:20	03/07/21 00:30	615-59-8PID	

VOA (GC/MS) 8260D

Analytical Method: EPA 8260D Preparation Method: 5035A

Pace National - Mt. Juliet

Acetone	ND	ug/kg	90.5	1.29	03/03/21 16:20	03/06/21 16:58	67-64-1	
Benzene	ND	ug/kg	1.81	1.29	03/03/21 16:20	03/06/21 16:58	71-43-2	
Bromobenzene	ND	ug/kg	22.6	1.29	03/03/21 16:20	03/06/21 16:58	108-86-1	
Bromodichloromethane	ND	ug/kg	4.53	1.29	03/03/21 16:20	03/06/21 16:58	75-27-4	
Bromoform	ND	ug/kg	45.3	1.29	03/03/21 16:20	03/06/21 16:58	75-25-2	
Bromomethane	ND	ug/kg	22.6	1.29	03/03/21 16:20	03/06/21 16:58	74-83-9	
n-Butylbenzene	95.4	ug/kg	22.6	1.29	03/03/21 16:20	03/06/21 16:58	104-51-8	
sec-Butylbenzene	47.6	ug/kg	22.6	1.29	03/03/21 16:20	03/06/21 16:58	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.05	1.29	03/03/21 16:20	03/06/21 16:58	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.05	1.29	03/03/21 16:20	03/06/21 16:58	56-23-5	
Chlorobenzene	ND	ug/kg	4.53	1.29	03/03/21 16:20	03/06/21 16:58	108-90-7	
Dibromochloromethane	ND	ug/kg	4.53	1.29	03/03/21 16:20	03/06/21 16:58	124-48-1	
Chloroethane	ND	ug/kg	9.05	1.29	03/03/21 16:20	03/06/21 16:58	75-00-3	
Chloroform	ND	ug/kg	4.53	1.29	03/03/21 16:20	03/06/21 16:58	67-66-3	
Chloromethane	ND	ug/kg	22.6	1.29	03/03/21 16:20	03/06/21 16:58	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.53	1.29	03/03/21 16:20	03/06/21 16:58	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.05	1.29	03/03/21 16:20	03/06/21 16:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	45.3	1.29	03/03/21 16:20	03/06/21 16:58	96-12-8	C3
1,2-Dibromoethane (EDB)	ND	ug/kg	4.53	1.29	03/03/21 16:20	03/06/21 16:58	106-93-4	
Dibromomethane	ND	ug/kg	9.05	1.29	03/03/21 16:20	03/06/21 16:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.05	1.29	03/03/21 16:20	03/06/21 16:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.05	1.29	03/03/21 16:20	03/06/21 16:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.05	1.29	03/03/21 16:20	03/06/21 16:58	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.53	1.29	03/03/21 16:20	03/06/21 16:58	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.53	1.29	03/03/21 16:20	03/06/21 16:58	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.53	1.29	03/03/21 16:20	03/06/21 16:58	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.53	1.29	03/03/21 16:20	03/06/21 16:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.53	1.29	03/03/21 16:20	03/06/21 16:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.05	1.29	03/03/21 16:20	03/06/21 16:58	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.05	1.29	03/03/21 16:20	03/06/21 16:58	78-87-5	
1,1-Dichloropropene	ND	ug/kg	4.53	1.29	03/03/21 16:20	03/06/21 16:58	563-58-6	
1,3-Dichloropropane	ND	ug/kg	9.05	1.29	03/03/21 16:20	03/06/21 16:58	142-28-9	
cis-1,3-Dichloropropene	ND	ug/kg	4.53	1.29	03/03/21 16:20	03/06/21 16:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.05	1.29	03/03/21 16:20	03/06/21 16:58	10061-02-6	
2,2-Dichloropropane	ND	ug/kg	4.53	1.29	03/03/21 16:20	03/06/21 16:58	594-20-7	

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ANALYTICAL RESULTS

Project: 2020-L1-2248

Pace Project No.: 92525771

Sample: MW-82 (15'-17') **Lab ID: 92525771002** Collected: 03/03/21 16:20 Received: 03/04/21 07:00 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
VOA (GC/MS) 8260D		Analytical Method: EPA 8260D Preparation Method: 5035A Pace National - Mt. Juliet						
Diisopropyl ether	ND	ug/kg	1.81	1.29	03/03/21 16:20	03/06/21 16:58	108-20-3	
Ethylbenzene	6.20	ug/kg	4.53	1.29	03/03/21 16:20	03/06/21 16:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	45.3	1.29	03/03/21 16:20	03/06/21 16:58	87-68-3	C3
2-Hexanone	ND	ug/kg	45.3	1.29	03/03/21 16:20	03/06/21 16:58	591-78-6	
Isopropylbenzene (Cumene)	37.5	ug/kg	4.53	1.29	03/03/21 16:20	03/06/21 16:58	98-82-8	
p-Isopropyltoluene	18.4	ug/kg	9.05	1.29	03/03/21 16:20	03/06/21 16:58	99-87-6	
2-Butanone (MEK)	ND	ug/kg	181	1.29	03/03/21 16:20	03/06/21 16:58	78-93-3	
Methylene Chloride	ND	ug/kg	45.3	1.29	03/03/21 16:20	03/06/21 16:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	45.3	1.29	03/03/21 16:20	03/06/21 16:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	1.81	1.29	03/03/21 16:20	03/06/21 16:58	1634-04-4	
Naphthalene	ND	ug/kg	22.6	1.29	03/03/21 16:20	03/06/21 16:58	91-20-3	C3
n-Propylbenzene	170	ug/kg	9.05	1.29	03/03/21 16:20	03/06/21 16:58	103-65-1	
Styrene	ND	ug/kg	22.6	1.29	03/03/21 16:20	03/06/21 16:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.53	1.29	03/03/21 16:20	03/06/21 16:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.53	1.29	03/03/21 16:20	03/06/21 16:58	79-34-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.53	1.29	03/03/21 16:20	03/06/21 16:58	76-13-1	
Tetrachloroethene	ND	ug/kg	4.53	1.29	03/03/21 16:20	03/06/21 16:58	127-18-4	
Toluene	ND	ug/kg	9.05	1.29	03/03/21 16:20	03/06/21 16:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	22.6	1.29	03/03/21 16:20	03/06/21 16:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	22.6	1.29	03/03/21 16:20	03/06/21 16:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.53	1.29	03/03/21 16:20	03/06/21 16:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.53	1.29	03/03/21 16:20	03/06/21 16:58	79-00-5	
Trichloroethene	ND	ug/kg	1.81	1.29	03/03/21 16:20	03/06/21 16:58	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.53	1.29	03/03/21 16:20	03/06/21 16:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	22.6	1.29	03/03/21 16:20	03/06/21 16:58	96-18-4	
1,2,4-Trimethylbenzene	31.4	ug/kg	9.05	1.29	03/03/21 16:20	03/06/21 16:58	95-63-6	
1,2,3-Trimethylbenzene	10.8	ug/kg	9.05	1.29	03/03/21 16:20	03/06/21 16:58	526-73-8	
1,3,5-Trimethylbenzene	18.5	ug/kg	9.05	1.29	03/03/21 16:20	03/06/21 16:58	108-67-8	
Vinyl acetate	ND	ug/kg	22.6	1.29	03/03/21 16:20	03/06/21 16:58	108-05-4	
Vinyl chloride	ND	ug/kg	4.53	1.29	03/03/21 16:20	03/06/21 16:58	75-01-4	
o-Xylene	ND	ug/kg	4.53	1.29	03/03/21 16:20	03/06/21 16:58	95-47-6	
m&p-Xylene	ND	ug/kg	7.24	1.29	03/03/21 16:20	03/06/21 16:58	179601-23-1	
Xylene (Total)	ND	ug/kg	11.8	1.29	03/03/21 16:20	03/06/21 16:58	1330-20-7	
Surrogates								
Toluene-d8 (S)	104	%	75.0-131	1.29	03/03/21 16:20	03/06/21 16:58	2037-26-5	
4-Bromofluorobenzene (S)	102	%	67.0-138	1.29	03/03/21 16:20	03/06/21 16:58	460-00-4	
1,2-Dichloroethane-d4 (S)	93.4	%	70.0-130	1.29	03/03/21 16:20	03/06/21 16:58	17060-07-0	

Total Solids 2540 G-2011

Analytical Method: SM 2540G Preparation Method: SM 2540 G

Pace National - Mt. Juliet

Total Solids	81.5	%		1	03/09/21 13:10	03/09/21 13:21
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QUALITY CONTROL DATA

Project: 2020-L1-2248

Pace Project No.: 92525771

QC Batch: 1630643

Analysis Method: MADEP VPH

QC Batch Method: MADEPV

Analysis Description: MADEPV

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92525771001, 92525771002

METHOD BLANK: R3629469-3

Matrix: Solid

Associated Lab Samples: 92525771001, 92525771002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/kg	ND	5000	03/06/21 19:52	
Aliphatic (C09-C12)	ug/kg	ND	5000	03/06/21 19:52	
Aromatic (C09-C10),Unadjusted	ug/kg	ND	5000	03/06/21 19:52	
Total VPH	ug/kg	ND	5000	03/06/21 19:52	
2,5-Dibromotoluene (FID)	%	82	70.0-130	03/06/21 19:52	
2,5-Dibromotoluene (PID)	%	81	70.0-130	03/06/21 19:52	

LABORATORY CONTROL SAMPLE & LCSD: R3629469-1

R3629469-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/kg	60000	58500	66400	97.5	111	70.0-130	12.7	25	
Aliphatic (C09-C12)	ug/kg	70000	75100	86700	107	124	70.0-130	14.3	25	
Aromatic (C09-C10),Unadjusted	ug/kg	10000	11500	12400	115	124	70.0-130	7.53	25	
Total VPH	ug/kg	140000	145000	166000	104	119	70.0-130	13.5	25	
2,5-Dibromotoluene (FID)	%				85.6	96.9	70.0-130			
2,5-Dibromotoluene (PID)	%				85.5	97.2	70.0-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3629469-4

R3629469-5

Parameter	Units	92525771002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Aliphatic (C05-C08)	ug/kg	ND	87200	87200	35800	66000	41.0	75.7	70.0-130	59.4	ML,R1
Aliphatic (C09-C12)	ug/kg	ND	102000	102000	48600	106000	47.7	104	70.0-130	74.0	ML,R1
Aromatic (C09-C10),Unadjusted	ug/kg	ND	14500	14500	8800	17200	60.5	118	70.0-130	64.4	ML,R1
Total VPH	ug/kg	ND	204000	204000	93100	189000	45.7	92.9	70.0-130	68.0	ML,R1
2,5-Dibromotoluene (FID)	%						93.0	93.3	70.0-130		
2,5-Dibromotoluene (PID)	%						93.0	94.3	70.0-130		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2248

Pace Project No.: 92525771

QC Batch: 1630372

Analysis Method: EPA 8260D

QC Batch Method: 5035A

Analysis Description: VOA (GC/MS) 8260D

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92525771001, 92525771002

METHOD BLANK: R3628520-3

Matrix: Solid

Associated Lab Samples: 92525771001, 92525771002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acetone	ug/kg	ND	50.0	03/06/21 12:38	
Benzene	ug/kg	ND	1.00	03/06/21 12:38	
Bromobenzene	ug/kg	ND	12.5	03/06/21 12:38	
Bromodichloromethane	ug/kg	ND	2.50	03/06/21 12:38	
Bromoform	ug/kg	ND	25.0	03/06/21 12:38	
Bromomethane	ug/kg	ND	12.5	03/06/21 12:38	
n-Butylbenzene	ug/kg	ND	12.5	03/06/21 12:38	
sec-Butylbenzene	ug/kg	ND	12.5	03/06/21 12:38	
tert-Butylbenzene	ug/kg	ND	5.00	03/06/21 12:38	
Carbon tetrachloride	ug/kg	ND	5.00	03/06/21 12:38	
Chlorobenzene	ug/kg	ND	2.50	03/06/21 12:38	
Dibromochloromethane	ug/kg	ND	2.50	03/06/21 12:38	
Chloroethane	ug/kg	ND	5.00	03/06/21 12:38	
Chloroform	ug/kg	ND	2.50	03/06/21 12:38	
Chloromethane	ug/kg	ND	12.5	03/06/21 12:38	
2-Chlorotoluene	ug/kg	ND	2.50	03/06/21 12:38	
4-Chlorotoluene	ug/kg	ND	5.00	03/06/21 12:38	
1,2-Dibromo-3-chloropropane	ug/kg	ND	25.0	03/06/21 12:38	
1,2-Dibromoethane (EDB)	ug/kg	ND	2.50	03/06/21 12:38	
Dibromomethane	ug/kg	ND	5.00	03/06/21 12:38	
1,2-Dichlorobenzene	ug/kg	ND	5.00	03/06/21 12:38	
1,3-Dichlorobenzene	ug/kg	ND	5.00	03/06/21 12:38	
1,4-Dichlorobenzene	ug/kg	ND	5.00	03/06/21 12:38	
Dichlorodifluoromethane	ug/kg	ND	2.50	03/06/21 12:38	
1,1-Dichloroethane	ug/kg	ND	2.50	03/06/21 12:38	
1,2-Dichloroethane	ug/kg	ND	2.50	03/06/21 12:38	
1,1-Dichloroethene	ug/kg	ND	2.50	03/06/21 12:38	
cis-1,2-Dichloroethene	ug/kg	ND	2.50	03/06/21 12:38	
trans-1,2-Dichloroethene	ug/kg	ND	5.00	03/06/21 12:38	
1,2-Dichloropropane	ug/kg	ND	5.00	03/06/21 12:38	
1,1-Dichloropropene	ug/kg	ND	2.50	03/06/21 12:38	
1,3-Dichloropropane	ug/kg	ND	5.00	03/06/21 12:38	
cis-1,3-Dichloropropene	ug/kg	ND	2.50	03/06/21 12:38	
trans-1,3-Dichloropropene	ug/kg	ND	5.00	03/06/21 12:38	
2,2-Dichloropropane	ug/kg	ND	2.50	03/06/21 12:38	
Diisopropyl ether	ug/kg	ND	1.00	03/06/21 12:38	
Ethylbenzene	ug/kg	ND	2.50	03/06/21 12:38	
Hexachloro-1,3-butadiene	ug/kg	ND	25.0	03/06/21 12:38	
2-Hexanone	ug/kg	ND	25.0	03/06/21 12:38	
Isopropylbenzene (Cumene)	ug/kg	ND	2.50	03/06/21 12:38	

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QUALITY CONTROL DATA

Project: 2020-L1-2248

Pace Project No.: 92525771

METHOD BLANK: R3628520-3

Matrix: Solid

Associated Lab Samples: 92525771001, 92525771002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
p-Isopropyltoluene	ug/kg	ND	5.00	03/06/21 12:38	
2-Butanone (MEK)	ug/kg	ND	100	03/06/21 12:38	
Methylene Chloride	ug/kg	ND	25.0	03/06/21 12:38	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	03/06/21 12:38	
Methyl-tert-butyl ether	ug/kg	ND	1.00	03/06/21 12:38	
Naphthalene	ug/kg	ND	12.5	03/06/21 12:38	
n-Propylbenzene	ug/kg	ND	5.00	03/06/21 12:38	
Styrene	ug/kg	ND	12.5	03/06/21 12:38	
1,1,1,2-Tetrachloroethane	ug/kg	ND	2.50	03/06/21 12:38	
1,1,2,2-Tetrachloroethane	ug/kg	ND	2.50	03/06/21 12:38	
Tetrachloroethene	ug/kg	ND	2.50	03/06/21 12:38	
Toluene	ug/kg	ND	5.00	03/06/21 12:38	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	2.50	03/06/21 12:38	
1,2,3-Trichlorobenzene	ug/kg	ND	12.5	03/06/21 12:38	
1,2,4-Trichlorobenzene	ug/kg	ND	12.5	03/06/21 12:38	
1,1,1-Trichloroethane	ug/kg	ND	2.50	03/06/21 12:38	
1,1,2-Trichloroethane	ug/kg	ND	2.50	03/06/21 12:38	
Trichloroethene	ug/kg	ND	1.00	03/06/21 12:38	
Trichlorofluoromethane	ug/kg	ND	2.50	03/06/21 12:38	
1,2,3-Trichloropropane	ug/kg	ND	12.5	03/06/21 12:38	
1,2,3-Trimethylbenzene	ug/kg	ND	5.00	03/06/21 12:38	
1,2,4-Trimethylbenzene	ug/kg	ND	5.00	03/06/21 12:38	
1,3,5-Trimethylbenzene	ug/kg	ND	5.00	03/06/21 12:38	
Vinyl acetate	ug/kg	ND	12.5	03/06/21 12:38	
Vinyl chloride	ug/kg	ND	2.50	03/06/21 12:38	
Xylene (Total)	ug/kg	ND	6.50	03/06/21 12:38	
o-Xylene	ug/kg	ND	2.50	03/06/21 12:38	
m&p-Xylene	ug/kg	ND	4.00	03/06/21 12:38	
Toluene-d8 (S)	%	106	75.0-131	03/06/21 12:38	
4-Bromofluorobenzene (S)	%	93.1	67.0-138	03/06/21 12:38	
1,2-Dichloroethane-d4 (S)	%	92.3	70.0-130	03/06/21 12:38	

LABORATORY CONTROL SAMPLE & LCSD: R3628520-1

R3628520-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Acetone	ug/kg	625	576	531	92.2	85.0	10.0-160	8.13	31	
Benzene	ug/kg	125	116	109	92.8	87.2	70.0-123	6.22	20	
Bromobenzene	ug/kg	125	136	119	109	95.2	73.0-121	13.3	20	
Bromodichloromethane	ug/kg	125	108	107	86.4	85.6	73.0-121	0.930	20	
Bromoform	ug/kg	125	107	98.4	85.6	78.7	64.0-132	8.37	20	
Bromomethane	ug/kg	125	107	100	85.6	80.0	56.0-147	6.76	20	
n-Butylbenzene	ug/kg	125	111	99.9	88.8	79.9	68.0-135	10.5	20	
sec-Butylbenzene	ug/kg	125	131	119	105	95.2	74.0-130	9.60	20	
tert-Butylbenzene	ug/kg	125	130	119	104	95.2	75.0-127	8.84	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2248

Pace Project No.: 92525771

LABORATORY CONTROL SAMPLE & LCSD: R3628520-1			R3628520-2							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/kg	125	111	103	88.8	82.4	66.0-128	7.48	20	
Chlorobenzene	ug/kg	125	114	104	91.2	83.2	76.0-128	9.17	20	
Dibromochloromethane	ug/kg	125	108	102	86.4	81.6	74.0-127	5.71	20	
Chloroethane	ug/kg	125	120	115	96.0	92.0	61.0-134	4.26	20	
Chloroform	ug/kg	125	118	112	94.4	89.6	72.0-123	5.22	20	
Chloromethane	ug/kg	125	108	102	86.4	81.6	51.0-138	5.71	20	
2-Chlorotoluene	ug/kg	125	123	111	98.4	88.8	75.0-124	10.3	20	
4-Chlorotoluene	ug/kg	125	133	115	106	92.0	75.0-124	14.5	20	
1,2-Dibromo-3-chloropropane	ug/kg	125	86.7	88.2	69.4	70.6	59.0-130	1.72	20	
1,2-Dibromoethane (EDB)	ug/kg	125	123	120	98.4	96.0	74.0-128	2.47	20	
Dibromomethane	ug/kg	125	115	109	92.0	87.2	75.0-122	5.36	20	
1,2-Dichlorobenzene	ug/kg	125	105	100	84.0	80.0	76.0-124	4.88	20	
1,3-Dichlorobenzene	ug/kg	125	111	99.9	88.8	79.9	76.0-125	10.5	20	
1,4-Dichlorobenzene	ug/kg	125	111	103	88.8	82.4	77.0-121	7.48	20	
Dichlorodifluoromethane	ug/kg	125	101	94.4	80.8	75.5	43.0-156	6.76	20	
1,1-Dichloroethane	ug/kg	125	122	111	97.6	88.8	70.0-127	9.44	20	
1,2-Dichloroethane	ug/kg	125	115	109	92.0	87.2	65.0-131	5.36	20	
1,1-Dichloroethene	ug/kg	125	120	110	96.0	88.0	65.0-131	8.70	20	
cis-1,2-Dichloroethene	ug/kg	125	121	109	96.8	87.2	73.0-125	10.4	20	
trans-1,2-Dichloroethene	ug/kg	125	124	113	99.2	90.4	71.0-125	9.28	20	
1,2-Dichloropropane	ug/kg	125	124	121	99.2	96.8	74.0-125	2.45	20	
1,1-Dichloropropene	ug/kg	125	120	110	96.0	88.0	73.0-125	8.70	20	
1,3-Dichloropropane	ug/kg	125	120	115	96.0	92.0	80.0-125	4.26	20	
cis-1,3-Dichloropropene	ug/kg	125	114	111	91.2	88.8	76.0-127	2.67	20	
trans-1,3-Dichloropropene	ug/kg	125	119	117	95.2	93.6	73.0-127	1.69	20	
2,2-Dichloropropane	ug/kg	125	125	115	100	92.0	59.0-135	8.33	20	
Diisopropyl ether	ug/kg	125	125	120	100	96.0	60.0-136	4.08	20	
Ethylbenzene	ug/kg	125	117	110	93.6	88.0	74.0-126	6.17	20	
Hexachloro-1,3-butadiene	ug/kg	125	90.2	90.8	72.2	72.6	57.0-150	0.663	20	
2-Hexanone	ug/kg	625	585	569	93.6	91.0	54.0-147	2.77	20	
Isopropylbenzene (Cumene)	ug/kg	125	115	108	92.0	86.4	72.0-127	6.28	20	
p-Isopropyltoluene	ug/kg	125	127	114	102	91.2	72.0-133	10.8	20	
2-Butanone (MEK)	ug/kg	625	648	522	104	83.5	30.0-160	21.5	24	
Methylene Chloride	ug/kg	125	108	104	86.4	83.2	68.0-123	3.77	20	
4-Methyl-2-pentanone (MIBK)	ug/kg	625	690	673	110	108	56.0-143	2.49	20	
Methyl-tert-butyl ether	ug/kg	125	114	111	91.2	88.8	66.0-132	2.67	20	
Naphthalene	ug/kg	125	97.4	105	77.9	84.0	59.0-130	7.51	20	
n-Propylbenzene	ug/kg	125	136	123	109	98.4	74.0-126	10.0	20	
Styrene	ug/kg	125	105	99.2	84.0	79.4	72.0-127	5.68	20	
1,1,1,2-Tetrachloroethane	ug/kg	125	114	104	91.2	83.2	74.0-129	9.17	20	
1,1,2,2-Tetrachloroethane	ug/kg	125	127	119	102	95.2	68.0-128	6.50	20	
Tetrachloroethene	ug/kg	125	128	113	102	90.4	70.0-136	12.4	20	
Toluene	ug/kg	125	120	111	96.0	88.8	75.0-121	7.79	20	
1,1,2-Trichlorotrifluoroethane	ug/kg	125	105	95.6	84.0	76.5	61.0-139	9.37	20	
1,2,3-Trichlorobenzene	ug/kg	125	109	114	87.2	91.2	59.0-139	4.48	20	
1,2,4-Trichlorobenzene	ug/kg	125	110	103	88.0	82.4	62.0-137	6.57	20	
1,1,1-Trichloroethane	ug/kg	125	107	102	85.6	81.6	69.0-126	4.78	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2248

Pace Project No.: 92525771

LABORATORY CONTROL SAMPLE & LCSD: R3628520-1			R3628520-2							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,2-Trichloroethane	ug/kg	125	126	122	101	97.6	78.0-123	3.23	20	
Trichloroethene	ug/kg	125	123	112	98.4	89.6	76.0-126	9.36	20	
Trichlorofluoromethane	ug/kg	125	114	105	91.2	84.0	61.0-142	8.22	20	
1,2,3-Trichloropropane	ug/kg	125	120	113	96.0	90.4	67.0-129	6.01	20	
1,2,3-Trimethylbenzene	ug/kg	125	117	104	93.6	83.2	74.0-124	11.8	20	
1,2,4-Trimethylbenzene	ug/kg	125	119	104	95.2	83.2	70.0-126	13.5	20	
1,3,5-Trimethylbenzene	ug/kg	125	124	112	99.2	89.6	73.0-127	10.2	20	
Vinyl acetate	ug/kg	625	595	572	95.2	91.5	43.0-159	3.94	20	
Vinyl chloride	ug/kg	125	108	102	86.4	81.6	63.0-134	5.71	20	
Xylene (Total)	ug/kg	375	342	312	91.2	83.2	72.0-127	9.17	20	
o-Xylene	ug/kg	125	112	103	89.6	82.4	79.0-124	8.37	20	
m&p-Xylene	ug/kg	250	230	209	92.0	83.6	76.0-126	9.57	20	
Toluene-d8 (S)	%				102	104	75.0-131			
4-Bromofluorobenzene (S)	%				92.3	93.1	67.0-138			
1,2-Dichloroethane-d4 (S)	%				97.0	101	70.0-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2248

Pace Project No.: 92525771

QC Batch: 1631118

QC Batch Method: SM 2540 G

Analysis Method: SM 2540G

Analysis Description: Total Solids 2540 G-2011

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92525771001, 92525771002

METHOD BLANK: R3629343-1

Matrix: Solid

Associated Lab Samples: 92525771001, 92525771002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Solids	%	0.00100		03/09/21 13:21	

LABORATORY CONTROL SAMPLE: R3629343-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Solids	%	50.0	50.0	100	85.0-115	

SAMPLE DUPLICATE: R3629343-3

Parameter	Units	L1323384-01 Result	Dup Result	RPD	Qualifiers
Total Solids	%	94.1	93.6	0.524	

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QUALIFIERS

Project: 2020-L1-2248

Pace Project No.: 92525771

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

C3 The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.

ML Matrix spike recovery and/or matrix spike duplicate recovery was below laboratory control limits. Result may be biased low.

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2248

Pace Project No.: 92525771

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92525771001	MW-81 (15'-17')	MADEPV	1630643	MADEP VPH	1630643
92525771002	MW-82 (15'-17')	MADEPV	1630643	MADEP VPH	1630643
92525771001	MW-81 (15'-17')	5035A	1630372	EPA 8260D	1630372
92525771002	MW-82 (15'-17')	5035A	1630372	EPA 8260D	1630372
92525771001	MW-81 (15'-17')	SM 2540 G	1631118	SM 2540G	1631118
92525771002	MW-82 (15'-17')	SM 2540 G	1631118	SM 2540G	1631118

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

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

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

Project #

WO# : 92525771
PM: AMB Due Date: 03/11/21
CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA 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																													
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.

March 18, 2021

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

RE: Project: 2020-L1-2248
Pace Project No.: 92527131

Dear Andrew Street:

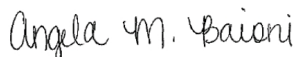
Enclosed are the analytical results for sample(s) received by the laboratory on March 11, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise 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 National - Mt. Juliet

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

Sincerely,



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

Enclosures

cc: J Culbreath, Colonial Pipeline Company
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
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2248

Pace Project No.: 92527131

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122

Alabama Certification #: 40660

Alaska Certification #: 17-026

Arizona Certification #: AZ0612

Arkansas Certification #: 88-0469

California Certification #: 2932

Canada Certification #: 1461.01

Colorado Certification #: TN00003

Connecticut Certification #: PH-0197

DOD Certification #: #1461.01

EPA# TN00003

Florida Certification #: E87487

Georgia DW Certification #: 923

Georgia Certification: NELAP

Idaho Certification #: TN00003

Illinois Certification #: 200008

Indiana Certification #: C-TN-01

Iowa Certification #: 364

Kansas Certification #: E-10277

Kentucky UST Certification #: 16

Kentucky Certification #: 90010

Louisiana Certification #: AI30792

Louisiana DW Certification #: LA180010

Maine Certification #: TN0002

Maryland Certification #: 324

Massachusetts Certification #: M-TN003

Michigan Certification #: 9958

Minnesota Certification #: 047-999-395

Mississippi Certification #: TN00003

Missouri Certification #: 340

Montana Certification #: CERT0086

Nebraska Certification #: NE-OS-15-05

Nevada Certification #: TN-03-2002-34

New Hampshire Certification #: 2975

New Jersey Certification #: TN002

New Mexico DW Certification

New York Certification #: 11742

North Carolina Aquatic Toxicity Certification #: 41

North Carolina Drinking Water Certification #: 21704

North Carolina Environmental Certificate #: 375

North Dakota Certification #: R-140

Ohio VAP Certification #: CL0069

Oklahoma Certification #: 9915

Oregon Certification #: TN200002

Pennsylvania Certification #: 68-02979

Rhode Island Certification #: LAO00356

South Carolina Certification #: 84004

South Dakota Certification

Tennessee DW/Chem/Micro Certification #: 2006

Texas Mold Certification #: LAB0152

Texas Certification #: T 104704245-17-14

USDA Soil Permit #: P330-15-00234

Utah Certification #: TN00003

Virginia Certification #: VT2006

Vermont Dept. of Health: ID# VT-2006

Virginia Certification #: 460132

Washington Certification #: C847

West Virginia Certification #: 233

Wisconsin Certification #: 998093910

Wyoming UST Certification #: via A2LA 2926.01

A2LA-ISO 17025 Certification #: 1461.01

A2LA-ISO 17025 Certification #: 1461.02

AIHA-LAP/LLC EMLAP Certification #:100789

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2248

Pace Project No.: 92527131

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92527131001	MW-83 (40-42)	MADEP VPH	BMB	6	PAN
		EPA 8260D	ADM	71	PAN
		SM 2540G	KDW	1	PAN
92527131002	MW-84 (20-22)	MADEP VPH	BMB	6	PAN
		EPA 8260D	ADM	71	PAN
		SM 2540G	KDW	1	PAN

PAN = Pace National - Mt. Juliet

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2248

Pace Project No.: 92527131

Sample: MW-83 (40-42) **Lab ID: 92527131001** Collected: 03/05/21 14:15 Received: 03/11/21 12:45 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
MADEPV								
Analytical Method: MADEP VPH Preparation Method: MADEPV								
Pace National - Mt. Juliet								
Aliphatic (C05-C08)	ND	ug/kg	6020	1	03/05/21 14:15	03/13/21 17:13		
Aliphatic (C09-C12)	ND	ug/kg	6020	1	03/05/21 14:15	03/13/21 17:13		
Aromatic (C09-C10), Unadjusted	ND	ug/kg	6020	1	03/05/21 14:15	03/13/21 17:13	TPHC9C10A	
Total VPH	ND	ug/kg	6020	1	03/05/21 14:15	03/13/21 17:13	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	92.3	%	70.0-130	1	03/05/21 14:15	03/13/21 17:13	615-59-8FID	
2,5-Dibromotoluene (PID)	87.8	%	70.0-130	1	03/05/21 14:15	03/13/21 17:13	615-59-8PID	

VOA (GC/MS) 8260D

Analytical Method: EPA 8260D Preparation Method: 5035A

Pace National - Mt. Juliet

Acetone	ND	ug/kg	60.3	1	03/05/21 14:15	03/14/21 00:22	67-64-1	
Benzene	ND	ug/kg	1.21	1	03/05/21 14:15	03/14/21 00:22	71-43-2	
Bromobenzene	ND	ug/kg	15.1	1	03/05/21 14:15	03/14/21 00:22	108-86-1	
Bromodichloromethane	ND	ug/kg	3.01	1	03/05/21 14:15	03/14/21 00:22	75-27-4	
Bromoform	ND	ug/kg	30.1	1	03/05/21 14:15	03/14/21 00:22	75-25-2	
Bromomethane	ND	ug/kg	15.1	1	03/05/21 14:15	03/14/21 00:22	74-83-9	
n-Butylbenzene	ND	ug/kg	15.1	1	03/05/21 14:15	03/14/21 00:22	104-51-8	
sec-Butylbenzene	ND	ug/kg	15.1	1	03/05/21 14:15	03/14/21 00:22	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.03	1	03/05/21 14:15	03/14/21 00:22	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.03	1	03/05/21 14:15	03/14/21 00:22	56-23-5	
Chlorobenzene	ND	ug/kg	3.01	1	03/05/21 14:15	03/14/21 00:22	108-90-7	
Dibromochloromethane	ND	ug/kg	3.01	1	03/05/21 14:15	03/14/21 00:22	124-48-1	
Chloroethane	ND	ug/kg	6.03	1	03/05/21 14:15	03/14/21 00:22	75-00-3	
Chloroform	ND	ug/kg	3.01	1	03/05/21 14:15	03/14/21 00:22	67-66-3	
Chloromethane	ND	ug/kg	15.1	1	03/05/21 14:15	03/14/21 00:22	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.01	1	03/05/21 14:15	03/14/21 00:22	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.03	1	03/05/21 14:15	03/14/21 00:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	30.1	1	03/05/21 14:15	03/14/21 00:22	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.01	1	03/05/21 14:15	03/14/21 00:22	106-93-4	
Dibromomethane	ND	ug/kg	6.03	1	03/05/21 14:15	03/14/21 00:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.03	1	03/05/21 14:15	03/14/21 00:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.03	1	03/05/21 14:15	03/14/21 00:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.03	1	03/05/21 14:15	03/14/21 00:22	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.01	1	03/05/21 14:15	03/14/21 00:22	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.01	1	03/05/21 14:15	03/14/21 00:22	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.01	1	03/05/21 14:15	03/14/21 00:22	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.01	1	03/05/21 14:15	03/14/21 00:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.01	1	03/05/21 14:15	03/14/21 00:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.03	1	03/05/21 14:15	03/14/21 00:22	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.03	1	03/05/21 14:15	03/14/21 00:22	78-87-5	
1,1-Dichloropropene	ND	ug/kg	3.01	1	03/05/21 14:15	03/14/21 00:22	563-58-6	
1,3-Dichloropropane	ND	ug/kg	6.03	1	03/05/21 14:15	03/14/21 00:22	142-28-9	
cis-1,3-Dichloropropene	ND	ug/kg	3.01	1	03/05/21 14:15	03/14/21 00:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.03	1	03/05/21 14:15	03/14/21 00:22	10061-02-6	
2,2-Dichloropropane	ND	ug/kg	3.01	1	03/05/21 14:15	03/14/21 00:22	594-20-7	C3

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2248

Pace Project No.: 92527131

Sample: MW-83 (40-42) **Lab ID: 92527131001** Collected: 03/05/21 14:15 Received: 03/11/21 12:45 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
VOA (GC/MS) 8260D								
Analytical Method: EPA 8260D Preparation Method: 5035A								
Pace National - Mt. Juliet								
Diisopropyl ether	ND	ug/kg	1.21	1	03/05/21 14:15	03/14/21 00:22	108-20-3	
Ethylbenzene	ND	ug/kg	3.01	1	03/05/21 14:15	03/14/21 00:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	30.1	1	03/05/21 14:15	03/14/21 00:22	87-68-3	C3
2-Hexanone	ND	ug/kg	30.1	1	03/05/21 14:15	03/14/21 00:22	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.01	1	03/05/21 14:15	03/14/21 00:22	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.03	1	03/05/21 14:15	03/14/21 00:22	99-87-6	
2-Butanone (MEK)	ND	ug/kg	121	1	03/05/21 14:15	03/14/21 00:22	78-93-3	
Methylene Chloride	ND	ug/kg	30.1	1	03/05/21 14:15	03/14/21 00:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	30.1	1	03/05/21 14:15	03/14/21 00:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	1.21	1	03/05/21 14:15	03/14/21 00:22	1634-04-4	
Naphthalene	ND	ug/kg	15.1	1	03/05/21 14:15	03/14/21 00:22	91-20-3	
n-Propylbenzene	ND	ug/kg	6.03	1	03/05/21 14:15	03/14/21 00:22	103-65-1	
Styrene	ND	ug/kg	15.1	1	03/05/21 14:15	03/14/21 00:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.01	1	03/05/21 14:15	03/14/21 00:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.01	1	03/05/21 14:15	03/14/21 00:22	79-34-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.01	1	03/05/21 14:15	03/14/21 00:22	76-13-1	
Tetrachloroethene	ND	ug/kg	3.01	1	03/05/21 14:15	03/14/21 00:22	127-18-4	
Toluene	ND	ug/kg	6.03	1	03/05/21 14:15	03/14/21 00:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	15.1	1	03/05/21 14:15	03/14/21 00:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	15.1	1	03/05/21 14:15	03/14/21 00:22	120-82-1	C3
1,1,1-Trichloroethane	ND	ug/kg	3.01	1	03/05/21 14:15	03/14/21 00:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.01	1	03/05/21 14:15	03/14/21 00:22	79-00-5	
Trichloroethene	ND	ug/kg	1.21	1	03/05/21 14:15	03/14/21 00:22	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.01	1	03/05/21 14:15	03/14/21 00:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	15.1	1	03/05/21 14:15	03/14/21 00:22	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.03	1	03/05/21 14:15	03/14/21 00:22	95-63-6	
1,2,3-Trimethylbenzene	ND	ug/kg	6.03	1	03/05/21 14:15	03/14/21 00:22	526-73-8	
1,3,5-Trimethylbenzene	ND	ug/kg	6.03	1	03/05/21 14:15	03/14/21 00:22	108-67-8	
Vinyl acetate	ND	ug/kg	15.1	1	03/05/21 14:15	03/14/21 00:22	108-05-4	
Vinyl chloride	ND	ug/kg	3.01	1	03/05/21 14:15	03/14/21 00:22	75-01-4	
o-Xylene	ND	ug/kg	3.01	1	03/05/21 14:15	03/14/21 00:22	95-47-6	
m&p-Xylene	ND	ug/kg	4.82	1	03/05/21 14:15	03/14/21 00:22	179601-23-1	
Xylene (Total)	ND	ug/kg	7.83	1	03/05/21 14:15	03/14/21 00:22	1330-20-7	
Surrogates								
Toluene-d8 (S)	104	%	75.0-131	1	03/05/21 14:15	03/14/21 00:22	2037-26-5	
4-Bromofluorobenzene (S)	101	%	67.0-138	1	03/05/21 14:15	03/14/21 00:22	460-00-4	
1,2-Dichloroethane-d4 (S)	97.8	%	70.0-130	1	03/05/21 14:15	03/14/21 00:22	17060-07-0	

Total Solids 2540 G-2011

Analytical Method: SM 2540G Preparation Method: SM 2540 G

Pace National - Mt. Juliet

Total Solids	90.9	%		1	03/15/21 11:40	03/15/21 11:49		
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2248

Pace Project No.: 92527131

Sample: MW-84 (20-22) **Lab ID: 92527131002** Collected: 03/06/21 11:00 Received: 03/11/21 12:45 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
MADEPV								
Analytical Method: MADEP VPH Preparation Method: MADEPV								
Pace National - Mt. Juliet								
Aliphatic (C05-C08)	ND	ug/kg	8340	1.14	03/06/21 11:00	03/13/21 17:46		
Aliphatic (C09-C12)	ND	ug/kg	8340	1.14	03/06/21 11:00	03/13/21 17:46		
Aromatic (C09-C10), Unadjusted	ND	ug/kg	8340	1.14	03/06/21 11:00	03/13/21 17:46	TPHC9C10A	
Total VPH	ND	ug/kg	8340	1.14	03/06/21 11:00	03/13/21 17:46	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	93.0	%	70.0-130	1.14	03/06/21 11:00	03/13/21 17:46	615-59-8FID	
2,5-Dibromotoluene (PID)	88.9	%	70.0-130	1.14	03/06/21 11:00	03/13/21 17:46	615-59-8PID	

VOA (GC/MS) 8260D

Analytical Method: EPA 8260D Preparation Method: 5035A

Pace National - Mt. Juliet

Acetone	ND	ug/kg	80.3	1.09	03/06/21 11:00	03/14/21 00:41	67-64-1	
Benzene	ND	ug/kg	1.61	1.09	03/06/21 11:00	03/14/21 00:41	71-43-2	
Bromobenzene	ND	ug/kg	20.0	1.09	03/06/21 11:00	03/14/21 00:41	108-86-1	
Bromodichloromethane	ND	ug/kg	4.02	1.09	03/06/21 11:00	03/14/21 00:41	75-27-4	
Bromoform	ND	ug/kg	40.2	1.09	03/06/21 11:00	03/14/21 00:41	75-25-2	
Bromomethane	ND	ug/kg	20.0	1.09	03/06/21 11:00	03/14/21 00:41	74-83-9	
n-Butylbenzene	ND	ug/kg	20.0	1.09	03/06/21 11:00	03/14/21 00:41	104-51-8	
sec-Butylbenzene	ND	ug/kg	20.0	1.09	03/06/21 11:00	03/14/21 00:41	135-98-8	
tert-Butylbenzene	ND	ug/kg	8.03	1.09	03/06/21 11:00	03/14/21 00:41	98-06-6	
Carbon tetrachloride	ND	ug/kg	8.03	1.09	03/06/21 11:00	03/14/21 00:41	56-23-5	
Chlorobenzene	ND	ug/kg	4.02	1.09	03/06/21 11:00	03/14/21 00:41	108-90-7	
Dibromochloromethane	ND	ug/kg	4.02	1.09	03/06/21 11:00	03/14/21 00:41	124-48-1	
Chloroethane	ND	ug/kg	8.03	1.09	03/06/21 11:00	03/14/21 00:41	75-00-3	
Chloroform	ND	ug/kg	4.02	1.09	03/06/21 11:00	03/14/21 00:41	67-66-3	
Chloromethane	ND	ug/kg	20.0	1.09	03/06/21 11:00	03/14/21 00:41	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.02	1.09	03/06/21 11:00	03/14/21 00:41	95-49-8	
4-Chlorotoluene	ND	ug/kg	8.03	1.09	03/06/21 11:00	03/14/21 00:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	40.2	1.09	03/06/21 11:00	03/14/21 00:41	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.02	1.09	03/06/21 11:00	03/14/21 00:41	106-93-4	
Dibromomethane	ND	ug/kg	8.03	1.09	03/06/21 11:00	03/14/21 00:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	8.03	1.09	03/06/21 11:00	03/14/21 00:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.03	1.09	03/06/21 11:00	03/14/21 00:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.03	1.09	03/06/21 11:00	03/14/21 00:41	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.02	1.09	03/06/21 11:00	03/14/21 00:41	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.02	1.09	03/06/21 11:00	03/14/21 00:41	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.02	1.09	03/06/21 11:00	03/14/21 00:41	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.02	1.09	03/06/21 11:00	03/14/21 00:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.02	1.09	03/06/21 11:00	03/14/21 00:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.03	1.09	03/06/21 11:00	03/14/21 00:41	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.03	1.09	03/06/21 11:00	03/14/21 00:41	78-87-5	
1,1-Dichloropropene	ND	ug/kg	4.02	1.09	03/06/21 11:00	03/14/21 00:41	563-58-6	
1,3-Dichloropropane	ND	ug/kg	8.03	1.09	03/06/21 11:00	03/14/21 00:41	142-28-9	
cis-1,3-Dichloropropene	ND	ug/kg	4.02	1.09	03/06/21 11:00	03/14/21 00:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.03	1.09	03/06/21 11:00	03/14/21 00:41	10061-02-6	
2,2-Dichloropropane	ND	ug/kg	4.02	1.09	03/06/21 11:00	03/14/21 00:41	594-20-7	C3

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2248

Pace Project No.: 92527131

Sample: MW-84 (20-22) **Lab ID: 92527131002** Collected: 03/06/21 11:00 Received: 03/11/21 12:45 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
VOA (GC/MS) 8260D		Analytical Method: EPA 8260D Preparation Method: 5035A Pace National - Mt. Juliet						
Diisopropyl ether	ND	ug/kg	1.61	1.09	03/06/21 11:00	03/14/21 00:41	108-20-3	
Ethylbenzene	ND	ug/kg	4.02	1.09	03/06/21 11:00	03/14/21 00:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	40.2	1.09	03/06/21 11:00	03/14/21 00:41	87-68-3	C3
2-Hexanone	ND	ug/kg	40.2	1.09	03/06/21 11:00	03/14/21 00:41	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.02	1.09	03/06/21 11:00	03/14/21 00:41	98-82-8	
p-Isopropyltoluene	ND	ug/kg	8.03	1.09	03/06/21 11:00	03/14/21 00:41	99-87-6	
2-Butanone (MEK)	ND	ug/kg	161	1.09	03/06/21 11:00	03/14/21 00:41	78-93-3	
Methylene Chloride	ND	ug/kg	40.2	1.09	03/06/21 11:00	03/14/21 00:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	40.2	1.09	03/06/21 11:00	03/14/21 00:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	1.61	1.09	03/06/21 11:00	03/14/21 00:41	1634-04-4	
Naphthalene	ND	ug/kg	20.0	1.09	03/06/21 11:00	03/14/21 00:41	91-20-3	
n-Propylbenzene	ND	ug/kg	8.03	1.09	03/06/21 11:00	03/14/21 00:41	103-65-1	
Styrene	ND	ug/kg	20.0	1.09	03/06/21 11:00	03/14/21 00:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.02	1.09	03/06/21 11:00	03/14/21 00:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.02	1.09	03/06/21 11:00	03/14/21 00:41	79-34-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.02	1.09	03/06/21 11:00	03/14/21 00:41	76-13-1	
Tetrachloroethene	ND	ug/kg	4.02	1.09	03/06/21 11:00	03/14/21 00:41	127-18-4	
Toluene	ND	ug/kg	8.03	1.09	03/06/21 11:00	03/14/21 00:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	20.0	1.09	03/06/21 11:00	03/14/21 00:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	20.0	1.09	03/06/21 11:00	03/14/21 00:41	120-82-1	C3
1,1,1-Trichloroethane	ND	ug/kg	4.02	1.09	03/06/21 11:00	03/14/21 00:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.02	1.09	03/06/21 11:00	03/14/21 00:41	79-00-5	
Trichloroethene	ND	ug/kg	1.61	1.09	03/06/21 11:00	03/14/21 00:41	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.02	1.09	03/06/21 11:00	03/14/21 00:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	20.0	1.09	03/06/21 11:00	03/14/21 00:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	8.03	1.09	03/06/21 11:00	03/14/21 00:41	95-63-6	
1,2,3-Trimethylbenzene	ND	ug/kg	8.03	1.09	03/06/21 11:00	03/14/21 00:41	526-73-8	
1,3,5-Trimethylbenzene	ND	ug/kg	8.03	1.09	03/06/21 11:00	03/14/21 00:41	108-67-8	
Vinyl acetate	ND	ug/kg	20.0	1.09	03/06/21 11:00	03/14/21 00:41	108-05-4	
Vinyl chloride	ND	ug/kg	4.02	1.09	03/06/21 11:00	03/14/21 00:41	75-01-4	
o-Xylene	ND	ug/kg	4.02	1.09	03/06/21 11:00	03/14/21 00:41	95-47-6	
m&p-Xylene	ND	ug/kg	6.42	1.09	03/06/21 11:00	03/14/21 00:41	179601-23-1	
Xylene (Total)	ND	ug/kg	10.4	1.09	03/06/21 11:00	03/14/21 00:41	1330-20-7	
Surrogates								
Toluene-d8 (S)	105	%	75.0-131	1.09	03/06/21 11:00	03/14/21 00:41	2037-26-5	
4-Bromofluorobenzene (S)	104	%	67.0-138	1.09	03/06/21 11:00	03/14/21 00:41	460-00-4	
1,2-Dichloroethane-d4 (S)	97.2	%	70.0-130	1.09	03/06/21 11:00	03/14/21 00:41	17060-07-0	

Total Solids 2540 G-2011

Analytical Method: SM 2540G Preparation Method: SM 2540 G

Pace National - Mt. Juliet

Total Solids	80.2	%		1	03/16/21 08:15	03/16/21 08:26
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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2248

Pace Project No.: 92527131

QC Batch: 1634106

Analysis Method: MADEP VPH

QC Batch Method: MADEPV

Analysis Description: MADEPV

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92527131001, 92527131002

METHOD BLANK: R3631415-3

Matrix: Solid

Associated Lab Samples: 92527131001, 92527131002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/kg	ND	5000	03/13/21 02:51	
Aliphatic (C09-C12)	ug/kg	ND	5000	03/13/21 02:51	
Aromatic (C09-C10),Unadjusted	ug/kg	ND	5000	03/13/21 02:51	
Total VPH	ug/kg	ND	5000	03/13/21 02:51	
2,5-Dibromotoluene (FID)	%	88.1	70.0-130	03/13/21 02:51	
2,5-Dibromotoluene (PID)	%	84.3	70.0-130	03/13/21 02:51	

LABORATORY CONTROL SAMPLE & LCSD: R3631415-1

R3631415-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/kg	60000	51500	50700	85.8	84.5	70.0-130	1.57	25	
Aliphatic (C09-C12)	ug/kg	70000	70100	67300	100	96.1	70.0-130	4.08	25	
Aromatic (C09-C10),Unadjusted	ug/kg	10000	9740	9060	97.4	90.6	70.0-130	7.23	25	
Total VPH	ug/kg	140000	131000	127000	93.6	90.7	70.0-130	3.10	25	
2,5-Dibromotoluene (FID)	%				102	97.3	70.0-130			
2,5-Dibromotoluene (PID)	%				99.9	95.0	70.0-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3631415-4

R3631415-5

Parameter	Units	L1325816-01 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Aliphatic (C05-C08)	ug/kg	ND	401000	401000	409000	402000	102	100	70.0-130	1.69	
Aliphatic (C09-C12)	ug/kg	ND	467000	467000	515000	470000	110	101	70.0-130	9.21	
Aromatic (C09-C10),Unadjusted	ug/kg	ND	66700	66700	66100	56700	99.0	85.0	70.0-130	15.2	
Total VPH	ug/kg	ND	934000	934000	990000	928000	106	99.4	70.0-130	6.44	
2,5-Dibromotoluene (FID)	%						91.9	92.8	70.0-130		
2,5-Dibromotoluene (PID)	%						90.5	90.8	70.0-130		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2248

Pace Project No.: 92527131

QC Batch: 1634280

Analysis Method: EPA 8260D

QC Batch Method: 5035A

Analysis Description: VOA (GC/MS) 8260D

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92527131001, 92527131002

METHOD BLANK: R3631250-3

Matrix: Solid

Associated Lab Samples: 92527131001, 92527131002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acetone	ug/kg	ND	50.0	03/13/21 23:35	
Benzene	ug/kg	ND	1.00	03/13/21 23:35	
Bromobenzene	ug/kg	ND	12.5	03/13/21 23:35	
Bromodichloromethane	ug/kg	ND	2.50	03/13/21 23:35	
Bromoform	ug/kg	ND	25.0	03/13/21 23:35	
Bromomethane	ug/kg	ND	12.5	03/13/21 23:35	
n-Butylbenzene	ug/kg	ND	12.5	03/13/21 23:35	
sec-Butylbenzene	ug/kg	ND	12.5	03/13/21 23:35	
tert-Butylbenzene	ug/kg	ND	5.00	03/13/21 23:35	
Carbon tetrachloride	ug/kg	ND	5.00	03/13/21 23:35	
Chlorobenzene	ug/kg	ND	2.50	03/13/21 23:35	
Dibromochloromethane	ug/kg	ND	2.50	03/13/21 23:35	
Chloroethane	ug/kg	ND	5.00	03/13/21 23:35	
Chloroform	ug/kg	ND	2.50	03/13/21 23:35	
Chloromethane	ug/kg	ND	12.5	03/13/21 23:35	
2-Chlorotoluene	ug/kg	ND	2.50	03/13/21 23:35	
4-Chlorotoluene	ug/kg	ND	5.00	03/13/21 23:35	
1,2-Dibromo-3-chloropropane	ug/kg	ND	25.0	03/13/21 23:35	
1,2-Dibromoethane (EDB)	ug/kg	ND	2.50	03/13/21 23:35	
Dibromomethane	ug/kg	ND	5.00	03/13/21 23:35	
1,2-Dichlorobenzene	ug/kg	ND	5.00	03/13/21 23:35	
1,3-Dichlorobenzene	ug/kg	ND	5.00	03/13/21 23:35	
1,4-Dichlorobenzene	ug/kg	ND	5.00	03/13/21 23:35	
Dichlorodifluoromethane	ug/kg	ND	2.50	03/13/21 23:35	
1,1-Dichloroethane	ug/kg	ND	2.50	03/13/21 23:35	
1,2-Dichloroethane	ug/kg	ND	2.50	03/13/21 23:35	
1,1-Dichloroethene	ug/kg	ND	2.50	03/13/21 23:35	
cis-1,2-Dichloroethene	ug/kg	ND	2.50	03/13/21 23:35	
trans-1,2-Dichloroethene	ug/kg	ND	5.00	03/13/21 23:35	
1,2-Dichloropropane	ug/kg	ND	5.00	03/13/21 23:35	
1,1-Dichloropropene	ug/kg	ND	2.50	03/13/21 23:35	
1,3-Dichloropropane	ug/kg	ND	5.00	03/13/21 23:35	
cis-1,3-Dichloropropene	ug/kg	ND	2.50	03/13/21 23:35	
trans-1,3-Dichloropropene	ug/kg	ND	5.00	03/13/21 23:35	
2,2-Dichloropropane	ug/kg	ND	2.50	03/13/21 23:35	
Diisopropyl ether	ug/kg	ND	1.00	03/13/21 23:35	
Ethylbenzene	ug/kg	ND	2.50	03/13/21 23:35	
Hexachloro-1,3-butadiene	ug/kg	ND	25.0	03/13/21 23:35	
2-Hexanone	ug/kg	ND	25.0	03/13/21 23:35	
Isopropylbenzene (Cumene)	ug/kg	ND	2.50	03/13/21 23:35	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2248

Pace Project No.: 92527131

METHOD BLANK: R3631250-3

Matrix: Solid

Associated Lab Samples: 92527131001, 92527131002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
p-Isopropyltoluene	ug/kg	ND	5.00	03/13/21 23:35	
2-Butanone (MEK)	ug/kg	ND	100	03/13/21 23:35	
Methylene Chloride	ug/kg	ND	25.0	03/13/21 23:35	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	03/13/21 23:35	
Methyl-tert-butyl ether	ug/kg	ND	1.00	03/13/21 23:35	
Naphthalene	ug/kg	ND	12.5	03/13/21 23:35	
n-Propylbenzene	ug/kg	ND	5.00	03/13/21 23:35	
Styrene	ug/kg	ND	12.5	03/13/21 23:35	
1,1,1,2-Tetrachloroethane	ug/kg	ND	2.50	03/13/21 23:35	
1,1,2,2-Tetrachloroethane	ug/kg	ND	2.50	03/13/21 23:35	
Tetrachloroethene	ug/kg	ND	2.50	03/13/21 23:35	
Toluene	ug/kg	ND	5.00	03/13/21 23:35	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	2.50	03/13/21 23:35	
1,2,3-Trichlorobenzene	ug/kg	ND	12.5	03/13/21 23:35	
1,2,4-Trichlorobenzene	ug/kg	ND	12.5	03/13/21 23:35	
1,1,1-Trichloroethane	ug/kg	ND	2.50	03/13/21 23:35	
1,1,2-Trichloroethane	ug/kg	ND	2.50	03/13/21 23:35	
Trichloroethene	ug/kg	ND	1.00	03/13/21 23:35	
Trichlorofluoromethane	ug/kg	ND	2.50	03/13/21 23:35	
1,2,3-Trichloropropane	ug/kg	ND	12.5	03/13/21 23:35	
1,2,3-Trimethylbenzene	ug/kg	ND	5.00	03/13/21 23:35	
1,2,4-Trimethylbenzene	ug/kg	ND	5.00	03/13/21 23:35	
1,3,5-Trimethylbenzene	ug/kg	ND	5.00	03/13/21 23:35	
Vinyl acetate	ug/kg	ND	12.5	03/13/21 23:35	
Vinyl chloride	ug/kg	ND	2.50	03/13/21 23:35	
Xylene (Total)	ug/kg	ND	6.50	03/13/21 23:35	
o-Xylene	ug/kg	ND	2.50	03/13/21 23:35	
m&p-Xylene	ug/kg	ND	4.00	03/13/21 23:35	
Toluene-d8 (S)	%	105	75.0-131	03/13/21 23:35	
4-Bromofluorobenzene (S)	%	102	67.0-138	03/13/21 23:35	
1,2-Dichloroethane-d4 (S)	%	95.3	70.0-130	03/13/21 23:35	

LABORATORY CONTROL SAMPLE & LCSD: R3631250-1

R3631250-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Acetone	ug/kg	625	709	686	113	110	10.0-160	3.30	31	
Benzene	ug/kg	125	112	115	89.6	92.0	70.0-123	2.64	20	
Bromobenzene	ug/kg	125	117	120	93.6	96.0	73.0-121	2.53	20	
Bromodichloromethane	ug/kg	125	112	116	89.6	92.8	73.0-121	3.51	20	
Bromoform	ug/kg	125	116	121	92.8	96.8	64.0-132	4.22	20	
Bromomethane	ug/kg	125	126	127	101	102	56.0-147	0.791	20	
n-Butylbenzene	ug/kg	125	104	110	83.2	88.0	68.0-135	5.61	20	
sec-Butylbenzene	ug/kg	125	112	118	89.6	94.4	74.0-130	5.22	20	
tert-Butylbenzene	ug/kg	125	110	114	88.0	91.2	75.0-127	3.57	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2248

Pace Project No.: 92527131

LABORATORY CONTROL SAMPLE & LCSD: R3631250-1			R3631250-2							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/kg	125	113	117	90.4	93.6	66.0-128	3.48	20	
Chlorobenzene	ug/kg	125	119	125	95.2	100	76.0-128	4.92	20	
Dibromochloromethane	ug/kg	125	113	119	90.4	95.2	74.0-127	5.17	20	
Chloroethane	ug/kg	125	119	134	95.2	107	61.0-134	11.9	20	
Chloroform	ug/kg	125	116	117	92.8	93.6	72.0-123	0.858	20	
Chloromethane	ug/kg	125	125	125	100	100	51.0-138	0.00	20	
2-Chlorotoluene	ug/kg	125	114	126	91.2	101	75.0-124	10.0	20	
4-Chlorotoluene	ug/kg	125	117	120	93.6	96.0	75.0-124	2.53	20	
1,2-Dibromo-3-chloropropane	ug/kg	125	118	117	94.4	93.6	59.0-130	0.851	20	
1,2-Dibromoethane (EDB)	ug/kg	125	112	116	89.6	92.8	74.0-128	3.51	20	
Dibromomethane	ug/kg	125	106	112	84.8	89.6	75.0-122	5.50	20	
1,2-Dichlorobenzene	ug/kg	125	117	124	93.6	99.2	76.0-124	5.81	20	
1,3-Dichlorobenzene	ug/kg	125	118	121	94.4	96.8	76.0-125	2.51	20	
1,4-Dichlorobenzene	ug/kg	125	116	118	92.8	94.4	77.0-121	1.71	20	
Dichlorodifluoromethane	ug/kg	125	106	102	84.8	81.6	43.0-156	3.85	20	
1,1-Dichloroethane	ug/kg	125	109	110	87.2	88.0	70.0-127	0.913	20	
1,2-Dichloroethane	ug/kg	125	108	111	86.4	88.8	65.0-131	2.74	20	
1,1-Dichloroethene	ug/kg	125	112	117	89.6	93.6	65.0-131	4.37	20	
cis-1,2-Dichloroethene	ug/kg	125	110	115	88.0	92.0	73.0-125	4.44	20	
trans-1,2-Dichloroethene	ug/kg	125	111	117	88.8	93.6	71.0-125	5.26	20	
1,2-Dichloropropane	ug/kg	125	123	121	98.4	96.8	74.0-125	1.64	20	
1,1-Dichloropropene	ug/kg	125	109	109	87.2	87.2	73.0-125	0.00	20	
1,3-Dichloropropane	ug/kg	125	116	122	92.8	97.6	80.0-125	5.04	20	
cis-1,3-Dichloropropene	ug/kg	125	112	116	89.6	92.8	76.0-127	3.51	20	
trans-1,3-Dichloropropene	ug/kg	125	113	117	90.4	93.6	73.0-127	3.48	20	
2,2-Dichloropropane	ug/kg	125	94.1	99.7	75.3	79.8	59.0-135	5.78	20	
Diisopropyl ether	ug/kg	125	123	128	98.4	102	60.0-136	3.98	20	
Ethylbenzene	ug/kg	125	118	120	94.4	96.0	74.0-126	1.68	20	
Hexachloro-1,3-butadiene	ug/kg	125	88.3	93.8	70.6	75.0	57.0-150	6.04	20	
2-Hexanone	ug/kg	625	601	620	96.2	99.2	54.0-147	3.11	20	
Isopropylbenzene (Cumene)	ug/kg	125	114	119	91.2	95.2	72.0-127	4.29	20	
p-Isopropyltoluene	ug/kg	125	111	117	88.8	93.6	72.0-133	5.26	20	
2-Butanone (MEK)	ug/kg	625	624	621	99.8	99.4	30.0-160	0.482	24	
Methylene Chloride	ug/kg	125	112	114	89.6	91.2	68.0-123	1.77	20	
4-Methyl-2-pentanone (MIBK)	ug/kg	625	651	678	104	108	56.0-143	4.06	20	
Methyl-tert-butyl ether	ug/kg	125	115	122	92.0	97.6	66.0-132	5.91	20	
Naphthalene	ug/kg	125	105	112	84.0	89.6	59.0-130	6.45	20	
n-Propylbenzene	ug/kg	125	114	117	91.2	93.6	74.0-126	2.60	20	
Styrene	ug/kg	125	117	122	93.6	97.6	72.0-127	4.18	20	
1,1,1,2-Tetrachloroethane	ug/kg	125	116	121	92.8	96.8	74.0-129	4.22	20	
1,1,2,2-Tetrachloroethane	ug/kg	125	109	114	87.2	91.2	68.0-128	4.48	20	
Tetrachloroethene	ug/kg	125	117	118	93.6	94.4	70.0-136	0.851	20	
Toluene	ug/kg	125	115	121	92.0	96.8	75.0-121	5.08	20	
1,1,2-Trichlorotrifluoroethane	ug/kg	125	120	124	96.0	99.2	61.0-139	3.28	20	
1,2,3-Trichlorobenzene	ug/kg	125	103	111	82.4	88.8	59.0-139	7.48	20	
1,2,4-Trichlorobenzene	ug/kg	125	95.9	105	76.7	84.0	62.0-137	9.06	20	
1,1,1-Trichloroethane	ug/kg	125	114	119	91.2	95.2	69.0-126	4.29	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2248

Pace Project No.: 92527131

LABORATORY CONTROL SAMPLE & LCSD: R3631250-1			R3631250-2							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,2-Trichloroethane	ug/kg	125	116	121	92.8	96.8	78.0-123	4.22	20	
Trichloroethene	ug/kg	125	125	126	100	101	76.0-126	0.797	20	
Trichlorofluoromethane	ug/kg	125	103	104	82.4	83.2	61.0-142	0.966	20	
1,2,3-Trichloropropane	ug/kg	125	115	126	92.0	101	67.0-129	9.13	20	
1,2,3-Trimethylbenzene	ug/kg	125	109	113	87.2	90.4	74.0-124	3.60	20	
1,2,4-Trimethylbenzene	ug/kg	125	113	114	90.4	91.2	70.0-126	0.881	20	
1,3,5-Trimethylbenzene	ug/kg	125	110	114	88.0	91.2	73.0-127	3.57	20	
Vinyl acetate	ug/kg	625	545	519	87.2	83.0	43.0-159	4.89	20	
Vinyl chloride	ug/kg	125	116	116	92.8	92.8	63.0-134	0.00	20	
Xylene (Total)	ug/kg	375	329	368	87.7	98.1	72.0-127	11.2	20	
o-Xylene	ug/kg	125	112	120	89.6	96.0	79.0-124	6.90	20	
m&p-Xylene	ug/kg	250	217	248	86.8	99.2	76.0-126	13.3	20	
Toluene-d8 (S)	%				103	105	75.0-131			
4-Bromofluorobenzene (S)	%				103	102	67.0-138			
1,2-Dichloroethane-d4 (S)	%				96.9	98.6	70.0-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3631250-4				R3631250-5								
Parameter	Units	L1326210-02		MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Qual
		Result	Conc.	Spike	Spike							
Bromobenzene	ug/kg	ND	104	104	104	117	120	113	115	10.0-156	2.53	R1
Acetone	ug/kg	ND	520	520	520	196	383	37.7	73.7	10.0-160	64.6	
n-Butylbenzene	ug/kg	5.83	104	104	104	111	117	101	107	10.0-160	5.26	
Benzene	ug/kg	1.89	104	104	104	112	117	106	111	10.0-149	4.37	
sec-Butylbenzene	ug/kg	3.17	104	104	104	120	125	112	117	10.0-159	4.08	
tert-Butylbenzene	ug/kg	ND	104	104	104	114	121	110	116	10.0-156	5.96	
Bromodichloromethane	ug/kg	ND	104	104	104	113	114	109	110	10.0-143	0.881	
Bromoform	ug/kg	ND	104	104	104	108	114	104	110	10.0-146	5.41	
Bromomethane	ug/kg	ND	104	104	104	91.6	90.9	88.1	87.4	10.0-149	0.767	
2-Chlorotoluene	ug/kg	ND	104	104	104	117	128	113	123	10.0-159	8.98	
4-Chlorotoluene	ug/kg	ND	104	104	104	118	125	113	120	10.0-155	5.76	
Carbon tetrachloride	ug/kg	ND	104	104	104	115	128	111	123	10.0-145	10.7	
Chlorobenzene	ug/kg	ND	104	104	104	117	124	113	119	10.0-152	5.81	
Dibromochloromethane	ug/kg	ND	104	104	104	106	112	102	108	10.0-146	5.50	
Dibromomethane	ug/kg	ND	104	104	104	112	113	108	109	10.0-147	0.889	
Chloroethane	ug/kg	ND	104	104	104	60.4	81.3	58.1	78.2	10.0-146	29.5	
Chloroform	ug/kg	ND	104	104	104	114	121	110	116	10.0-146	5.96	
Chloromethane	ug/kg	ND	104	104	104	144	131	138	126	10.0-159	9.45	
1,2-Dibromo-3-chloropropane	ug/kg	ND	104	104	104	92.5	89.1	88.9	85.7	10.0-151	3.74	
1,2-Dibromoethane (EDB)	ug/kg	ND	104	104	104	101	110	97.1	106	10.0-148	8.53	
1,2-Dichlorobenzene	ug/kg	ND	104	104	104	112	121	108	116	10.0-155	7.73	
1,3-Dichlorobenzene	ug/kg	ND	104	104	104	115	120	111	115	10.0-153	4.26	
1,4-Dichlorobenzene	ug/kg	ND	104	104	104	110	118	106	113	10.0-151	7.02	
1,1-Dichloropropene	ug/kg	ND	104	104	104	120	120	115	115	10.0-153	0.00	
1,3-Dichloropropane	ug/kg	ND	104	104	104	111	116	107	112	10.0-154	4.41	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2248

Pace Project No.: 92527131

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			R3631250-4		R3631250-5								
Parameter	Units	L1326210-02		MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Qual
		Result	Conc.	Spike	Spike								
Dichlorodifluoromethane	ug/kg	ND	104	104	104	131	125	126	120	10.0-160	4.69		
1,1-Dichloroethane	ug/kg	ND	104	104	104	109	113	105	109	10.0-147	3.60		
1,2-Dichloroethane	ug/kg	ND	104	104	104	105	111	101	107	10.0-148	5.56		
2,2-Dichloropropane	ug/kg	ND	104	104	104	66.2	80.7	63.7	77.6	10.0-138	19.7		
1,1-Dichloroethene	ug/kg	ND	104	104	104	103	110	99.0	106	10.0-155	6.57		
cis-1,2-Dichloroethene	ug/kg	ND	104	104	104	119	118	114	113	10.0-149	0.844		
Diisopropyl ether	ug/kg	ND	104	104	104	119	129	114	124	10.0-147	8.06		
trans-1,2-Dichloroethene	ug/kg	ND	104	104	104	108	124	104	119	10.0-150	13.8		
1,2-Dichloropropane	ug/kg	ND	104	104	104	118	122	113	117	10.0-148	3.33		
Hexachloro-1,3-butadiene	ug/kg	ND	104	104	104	106	108	102	104	10.0-160	1.87		
cis-1,3-Dichloropropene	ug/kg	ND	104	104	104	108	111	104	107	10.0-151	2.74		
trans-1,3-Dichloropropene	ug/kg	ND	104	104	104	105	113	101	109	10.0-148	7.34		
p-Isopropyltoluene	ug/kg	7.01	104	104	104	120	125	109	113	10.0-160	4.08		
Ethylbenzene	ug/kg	9.61	104	104	104	119	124	105	110	10.0-160	4.12		
2-Hexanone	ug/kg	13.3	520	520	520	503	523	94.2	98.0	10.0-160	3.90		
Naphthalene	ug/kg	36.4	104	104	104	91.8	101	53.3	62.1	10.0-160	9.54		
Isopropylbenzene (Cumene)	ug/kg	3.96	104	104	104	116	122	108	114	10.0-155	5.04		
n-Propylbenzene	ug/kg	6.56	104	104	104	117	124	106	113	10.0-158	5.81		
2-Butanone (MEK)	ug/kg	ND	520	520	520	408	465	78.5	89.4	10.0-160	13.1		
1,1,1,2-Tetrachloroethane	ug/kg	ND	104	104	104	114	118	110	113	10.0-149	3.45		
Methylene Chloride	ug/kg	ND	104	104	104	35.4	39.2	34.0	37.7	10.0-141	10.2		
4-Methyl-2-pentanone (MIBK)	ug/kg	49.6	520	520	520	523	550	91.0	96.2	10.0-160	5.03		
Methyl-tert-butyl ether	ug/kg	ND	104	104	104	92.7	85.6	89.1	82.3	11.0-147	7.96		
Styrene	ug/kg	ND	104	104	104	115	122	111	117	10.0-160	5.91		
1,1,2,2-Tetrachloroethane	ug/kg	ND	104	104	104	94.4	99.7	90.8	95.9	10.0-160	5.46		
1,2,3-Trichloropropane	ug/kg	ND	104	104	104	104	108	100	104	10.0-156	3.77		
Tetrachloroethene	ug/kg	ND	104	104	104	124	127	119	122	10.0-156	2.39		
1,2,3-Trimethylbenzene	ug/kg	20.3	104	104	104	108	115	84.3	91.1	10.0-160	6.28		
1,2,4-Trimethylbenzene	ug/kg	31.6	104	104	104	113	120	78.3	85.0	10.0-160	6.01		
Toluene	ug/kg	9.88	104	104	104	117	121	103	107	10.0-156	3.36		
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	104	104	104	67.6	132	65.0	127	10.0-160	64.5	R1	
1,3,5-Trimethylbenzene	ug/kg	17.7	104	104	104	113	119	91.6	97.4	10.0-160	5.17		
Vinyl acetate	ug/kg	ND	520	520	520	398	330	76.5	63.5	10.0-128	18.7		
1,2,3-Trichlorobenzene	ug/kg	ND	104	104	104	107	122	103	117	10.0-160	13.1		
1,2,4-Trichlorobenzene	ug/kg	ND	104	104	104	101	110	97.1	106	10.0-160	8.53		
1,1,1-Trichloroethane	ug/kg	ND	104	104	104	86.2	135	82.9	130	10.0-144	44.1	R1	
o-Xylene	ug/kg	11.9	104	104	104	111	123	95.3	107	10.0-156	10.3		
1,1,2-Trichloroethane	ug/kg	ND	104	104	104	109	116	105	112	10.0-160	6.22		
m&p-Xylene	ug/kg	32.1	208	208	208	237	234	98.5	97.1	10.0-156	1.27		
Trichloroethene	ug/kg	ND	104	104	104	127	133	122	128	10.0-156	4.62		
Trichlorofluoromethane	ug/kg	ND	104	104	104	43.7	63.2	42.0	60.8	10.0-160	36.5		
Vinyl chloride	ug/kg	ND	104	104	104	140	130	135	125	10.0-160	7.41		
Xylene (Total)	ug/kg	44.0	312	312	312	348	357	97.4	100	10.0-160	2.55		
Toluene-d8 (S)	%							101	103	75.0-131			
4-Bromofluorobenzene (S)	%							101	101	67.0-138			
1,2-Dichloroethane-d4 (S)	%							101	98.4	70.0-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2248

Pace Project No.: 92527131

QC Batch: 1634156

QC Batch Method: SM 2540 G

Analysis Method: SM 2540G

Analysis Description: Total Solids 2540 G-2011

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92527131001

METHOD BLANK: R3631073-1

Matrix: Solid

Associated Lab Samples: 92527131001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Solids	%	0.00100		03/15/21 11:49	

LABORATORY CONTROL SAMPLE: R3631073-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Solids	%	50.0	50.0	100	85.0-115	

SAMPLE DUPLICATE: R3631073-3

Parameter	Units	L1325970-02 Result	Dup Result	RPD	Qualifiers
Total Solids	%	87.0	86.4	0.772	

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QUALITY CONTROL DATA

Project: 2020-L1-2248

Pace Project No.: 92527131

QC Batch: 1634157

QC Batch Method: SM 2540 G

Analysis Method: SM 2540G

Analysis Description: Total Solids 2540 G-2011

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92527131002

METHOD BLANK: R3631676-1

Matrix: Solid

Associated Lab Samples: 92527131002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Solids	%	0.00100		03/16/21 08:26	

LABORATORY CONTROL SAMPLE: R3631676-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Solids	%	50.0	50.0	100	85.0-115	

SAMPLE DUPLICATE: R3631676-3

Parameter	Units	L1326196-02 Result	Dup Result	RPD	Qualifiers
Total Solids	%	78.4	78.2	0.252	

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QUALIFIERS

Project: 2020-L1-2248

Pace Project No.: 92527131

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

C3 The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2248

Pace Project No.: 92527131

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92527131001	MW-83 (40-42)	MADEPV	1634106	MADEP VPH	1634106
92527131002	MW-84 (20-22)	MADEPV	1634106	MADEP VPH	1634106
92527131001	MW-83 (40-42)	5035A	1634280	EPA 8260D	1634280
92527131002	MW-84 (20-22)	5035A	1634280	EPA 8260D	1634280
92527131001	MW-83 (40-42)	SM 2540 G	1634156	SM 2540G	1634156
92527131002	MW-84 (20-22)	SM 2540 G	1634157	SM 2540G	1634157

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Form with multiple sections: CHAIN-OF-CUSTODY Analytical Request Document, Laboratory Information, Sample Information, Analysis Results, and Shipping/Tracking details. Includes handwritten entries and various checkboxes.

Form with multiple sections: CHAIN-OF-CUSTODY Analytical Request Document, Laboratory Information, Sample Information, Analysis Results, and Shipping/Tracking details. Includes handwritten entries and various checkboxes.

April 08, 2021

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

RE: Project: CPC Huntersville (4/5/21)
Pace Project No.: 92531225

Dear Andrew Wreschnig:

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

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CERTIFICATIONS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531225

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531225

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531225001	MW-19	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531225002	MW-80	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531225003	MW-81	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531225004	MW-82	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531225005	FB-1-20210405	MADEP VPH	LMB	6	PASI-C
		SM 6200B	SAS	63	PASI-C
92531225006	Trip Blank	SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531225

Sample: MW-19		Lab ID: 92531225001		Collected: 04/05/21 15:10		Received: 04/05/21 16:30		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)	47300	ug/L	625	12.5		04/06/21 21:23		N2	
Aliphatic (C09-C12)	7550	ug/L	625	12.5		04/06/21 21:23		N2	
Aliphatic(C09-C12) Adjusted	6810	ug/L	625	12.5		04/06/21 21:23		N2	
Aromatic (C09-C10)	744	ug/L	625	12.5		04/06/21 21:23		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	92	%	70-130	12.5		04/06/21 21:23	460-00-4		
4-Bromofluorobenzene (PID) (S)	89	%	70-130	12.5		04/06/21 21:23	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/06/21 01:25	04/08/21 11:33	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	4560	ug/L	25.0	50		04/07/21 15:25	71-43-2		
Bromobenzene	ND	ug/L	25.0	50		04/07/21 15:25	108-86-1		
Bromochloromethane	ND	ug/L	25.0	50		04/07/21 15:25	74-97-5		
Bromodichloromethane	ND	ug/L	25.0	50		04/07/21 15:25	75-27-4		
Bromoform	ND	ug/L	25.0	50		04/07/21 15:25	75-25-2		
Bromomethane	ND	ug/L	250	50		04/07/21 15:25	74-83-9		
n-Butylbenzene	ND	ug/L	25.0	50		04/07/21 15:25	104-51-8		
sec-Butylbenzene	ND	ug/L	25.0	50		04/07/21 15:25	135-98-8		
tert-Butylbenzene	ND	ug/L	25.0	50		04/07/21 15:25	98-06-6		
Carbon tetrachloride	ND	ug/L	25.0	50		04/07/21 15:25	56-23-5		
Chlorobenzene	ND	ug/L	25.0	50		04/07/21 15:25	108-90-7		
Chloroethane	ND	ug/L	50.0	50		04/07/21 15:25	75-00-3		
Chloroform	ND	ug/L	25.0	50		04/07/21 15:25	67-66-3		
Chloromethane	ND	ug/L	50.0	50		04/07/21 15:25	74-87-3		
2-Chlorotoluene	ND	ug/L	25.0	50		04/07/21 15:25	95-49-8		
4-Chlorotoluene	ND	ug/L	25.0	50		04/07/21 15:25	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	50.0	50		04/07/21 15:25	96-12-8		
Dibromochloromethane	ND	ug/L	25.0	50		04/07/21 15:25	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	25.0	50		04/07/21 15:25	106-93-4		
Dibromomethane	ND	ug/L	25.0	50		04/07/21 15:25	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	25.0	50		04/07/21 15:25	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	25.0	50		04/07/21 15:25	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	25.0	50		04/07/21 15:25	106-46-7		
Dichlorodifluoromethane	ND	ug/L	25.0	50		04/07/21 15:25	75-71-8		
1,1-Dichloroethane	ND	ug/L	25.0	50		04/07/21 15:25	75-34-3		
1,2-Dichloroethane	ND	ug/L	25.0	50		04/07/21 15:25	107-06-2		
1,1-Dichloroethene	ND	ug/L	25.0	50		04/07/21 15:25	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	25.0	50		04/07/21 15:25	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	25.0	50		04/07/21 15:25	156-60-5		
1,2-Dichloropropane	ND	ug/L	25.0	50		04/07/21 15:25	78-87-5		
1,3-Dichloropropane	ND	ug/L	25.0	50		04/07/21 15:25	142-28-9		
2,2-Dichloropropane	ND	ug/L	25.0	50		04/07/21 15:25	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531225

Sample: MW-19		Lab ID: 92531225001		Collected: 04/05/21 15:10		Received: 04/05/21 16:30		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	25.0	50		04/07/21 15:25	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	25.0	50		04/07/21 15:25	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	25.0	50		04/07/21 15:25	10061-02-6		
Diisopropyl ether	445	ug/L	25.0	50		04/07/21 15:25	108-20-3		
Ethylbenzene	367	ug/L	25.0	50		04/07/21 15:25	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	100	50		04/07/21 15:25	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	25.0	50		04/07/21 15:25	98-82-8		
Methylene Chloride	ND	ug/L	100	50		04/07/21 15:25	75-09-2		
Methyl-tert-butyl ether	120	ug/L	25.0	50		04/07/21 15:25	1634-04-4		
Naphthalene	ND	ug/L	100	50		04/07/21 15:25	91-20-3		
n-Propylbenzene	ND	ug/L	25.0	50		04/07/21 15:25	103-65-1		
Styrene	ND	ug/L	25.0	50		04/07/21 15:25	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	25.0	50		04/07/21 15:25	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	25.0	50		04/07/21 15:25	79-34-5		
Tetrachloroethene	ND	ug/L	25.0	50		04/07/21 15:25	127-18-4		
Toluene	7000	ug/L	25.0	50		04/07/21 15:25	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	100	50		04/07/21 15:25	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	100	50		04/07/21 15:25	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	25.0	50		04/07/21 15:25	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	25.0	50		04/07/21 15:25	79-00-5		
Trichloroethene	ND	ug/L	25.0	50		04/07/21 15:25	79-01-6		
Trichlorofluoromethane	ND	ug/L	50.0	50		04/07/21 15:25	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	25.0	50		04/07/21 15:25	96-18-4		
1,2,4-Trimethylbenzene	297	ug/L	25.0	50		04/07/21 15:25	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	25.0	50		04/07/21 15:25	108-67-8		
Vinyl chloride	ND	ug/L	50.0	50		04/07/21 15:25	75-01-4		
m&p-Xylene	1980	ug/L	50.0	50		04/07/21 15:25	179601-23-1		
o-Xylene	1060	ug/L	25.0	50		04/07/21 15:25	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130	50		04/07/21 15:25	17060-07-0		
4-Bromofluorobenzene (S)	98	%	70-130	50		04/07/21 15:25	460-00-4		
Toluene-d8 (S)	101	%	70-130	50		04/07/21 15:25	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531225

Sample: MW-80		Lab ID: 92531225002		Collected: 04/05/21 10:05		Received: 04/05/21 16:30		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		04/06/21 05:12		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/06/21 05:12		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/06/21 05:12		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/06/21 05:12		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	93	%	70-130	1		04/06/21 05:12	460-00-4		
4-Bromofluorobenzene (PID) (S)	90	%	70-130	1		04/06/21 05:12	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/06/21 01:25	04/08/21 11:52	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/06/21 15:14	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/06/21 15:14	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/06/21 15:14	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/06/21 15:14	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/06/21 15:14	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/06/21 15:14	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/06/21 15:14	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/06/21 15:14	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/06/21 15:14	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/06/21 15:14	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/06/21 15:14	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/06/21 15:14	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/06/21 15:14	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/06/21 15:14	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 15:14	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 15:14	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/06/21 15:14	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/06/21 15:14	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/06/21 15:14	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/06/21 15:14	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 15:14	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 15:14	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 15:14	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/06/21 15:14	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/06/21 15:14	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/06/21 15:14	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/06/21 15:14	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 15:14	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 15:14	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 15:14	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/06/21 15:14	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 15:14	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531225

Sample: MW-80		Lab ID: 92531225002		Collected: 04/05/21 10:05		Received: 04/05/21 16:30		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		04/06/21 15:14	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 15:14	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 15:14	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/06/21 15:14	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/06/21 15:14	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/06/21 15:14	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/06/21 15:14	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/06/21 15:14	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/06/21 15:14	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/06/21 15:14	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/06/21 15:14	103-65-1		
Styrene	ND	ug/L	0.50	1		04/06/21 15:14	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 15:14	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 15:14	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/06/21 15:14	127-18-4		
Toluene	ND	ug/L	0.50	1		04/06/21 15:14	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 15:14	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 15:14	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/06/21 15:14	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/06/21 15:14	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/06/21 15:14	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/06/21 15:14	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/06/21 15:14	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 15:14	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 15:14	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/06/21 15:14	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/06/21 15:14	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/06/21 15:14	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		04/06/21 15:14	17060-07-0		
4-Bromofluorobenzene (S)	99	%	70-130	1		04/06/21 15:14	460-00-4		
Toluene-d8 (S)	103	%	70-130	1		04/06/21 15:14	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531225

Sample: MW-81		Lab ID: 92531225003		Collected: 04/05/21 11:45		Received: 04/05/21 16:30		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)	60.8	ug/L	50.0	1		04/06/21 05:41		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/06/21 05:41		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/06/21 05:41		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/06/21 05:41		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	94	%	70-130	1		04/06/21 05:41	460-00-4		
4-Bromofluorobenzene (PID) (S)	91	%	70-130	1		04/06/21 05:41	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/06/21 01:25	04/08/21 11:56	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/06/21 13:44	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/06/21 13:44	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/06/21 13:44	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/06/21 13:44	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/06/21 13:44	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/06/21 13:44	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/06/21 13:44	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/06/21 13:44	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/06/21 13:44	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/06/21 13:44	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/06/21 13:44	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/06/21 13:44	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/06/21 13:44	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/06/21 13:44	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 13:44	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 13:44	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/06/21 13:44	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/06/21 13:44	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/06/21 13:44	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/06/21 13:44	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 13:44	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 13:44	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 13:44	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/06/21 13:44	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/06/21 13:44	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/06/21 13:44	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/06/21 13:44	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 13:44	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 13:44	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 13:44	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/06/21 13:44	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 13:44	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531225

Sample: MW-81		Lab ID: 92531225003		Collected: 04/05/21 11:45		Received: 04/05/21 16:30		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		04/06/21 13:44	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 13:44	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 13:44	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/06/21 13:44	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/06/21 13:44	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/06/21 13:44	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/06/21 13:44	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/06/21 13:44	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/06/21 13:44	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/06/21 13:44	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/06/21 13:44	103-65-1		
Styrene	ND	ug/L	0.50	1		04/06/21 13:44	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 13:44	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 13:44	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/06/21 13:44	127-18-4		
Toluene	ND	ug/L	0.50	1		04/06/21 13:44	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 13:44	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 13:44	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/06/21 13:44	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/06/21 13:44	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/06/21 13:44	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/06/21 13:44	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/06/21 13:44	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 13:44	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 13:44	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/06/21 13:44	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/06/21 13:44	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/06/21 13:44	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		04/06/21 13:44	17060-07-0		
4-Bromofluorobenzene (S)	101	%	70-130	1		04/06/21 13:44	460-00-4		
Toluene-d8 (S)	99	%	70-130	1		04/06/21 13:44	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531225

Sample: MW-82		Lab ID: 92531225004		Collected: 04/05/21 13:25		Received: 04/05/21 16:30		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		04/06/21 06:09		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/06/21 06:09		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/06/21 06:09		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/06/21 06:09		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	93	%	70-130	1		04/06/21 06:09	460-00-4		
4-Bromofluorobenzene (PID) (S)	89	%	70-130	1		04/06/21 06:09	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/06/21 01:25	04/08/21 11:59	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/06/21 14:02	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/06/21 14:02	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/06/21 14:02	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/06/21 14:02	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/06/21 14:02	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/06/21 14:02	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/06/21 14:02	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/06/21 14:02	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/06/21 14:02	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/06/21 14:02	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/06/21 14:02	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/06/21 14:02	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/06/21 14:02	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/06/21 14:02	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 14:02	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 14:02	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/06/21 14:02	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/06/21 14:02	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/06/21 14:02	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/06/21 14:02	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 14:02	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 14:02	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 14:02	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/06/21 14:02	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/06/21 14:02	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/06/21 14:02	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/06/21 14:02	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 14:02	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 14:02	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 14:02	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/06/21 14:02	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 14:02	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531225

Sample: MW-82		Lab ID: 92531225004		Collected: 04/05/21 13:25		Received: 04/05/21 16:30		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		04/06/21 14:02	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 14:02	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 14:02	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/06/21 14:02	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/06/21 14:02	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/06/21 14:02	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/06/21 14:02	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/06/21 14:02	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/06/21 14:02	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/06/21 14:02	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/06/21 14:02	103-65-1		
Styrene	ND	ug/L	0.50	1		04/06/21 14:02	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 14:02	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 14:02	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/06/21 14:02	127-18-4		
Toluene	ND	ug/L	0.50	1		04/06/21 14:02	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 14:02	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 14:02	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/06/21 14:02	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/06/21 14:02	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/06/21 14:02	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/06/21 14:02	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/06/21 14:02	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 14:02	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 14:02	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/06/21 14:02	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/06/21 14:02	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/06/21 14:02	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		04/06/21 14:02	17060-07-0		
4-Bromofluorobenzene (S)	96	%	70-130	1		04/06/21 14:02	460-00-4		
Toluene-d8 (S)	103	%	70-130	1		04/06/21 14:02	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531225

Sample: FB-1-20210405		Lab ID: 92531225005		Collected: 04/05/21 15:00		Received: 04/05/21 16:30		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		04/06/21 04:16	N2	
	Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/06/21 04:16	N2	
	Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/06/21 04:16	N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/06/21 04:16	N2		
Surrogates									
4-Bromofluorobenzene (FID) (S)	93	%	70-130	1		04/06/21 04:16	460-00-4		
4-Bromofluorobenzene (PID) (S)	90	%	70-130	1		04/06/21 04:16	460-00-4		
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	1		04/06/21 11:55	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/06/21 11:55	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/06/21 11:55	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/06/21 11:55	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/06/21 11:55	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/06/21 11:55	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/06/21 11:55	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/06/21 11:55	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/06/21 11:55	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/06/21 11:55	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/06/21 11:55	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/06/21 11:55	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/06/21 11:55	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/06/21 11:55	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 11:55	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 11:55	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/06/21 11:55	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/06/21 11:55	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/06/21 11:55	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/06/21 11:55	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 11:55	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 11:55	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 11:55	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/06/21 11:55	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/06/21 11:55	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/06/21 11:55	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/06/21 11:55	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 11:55	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 11:55	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 11:55	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/06/21 11:55	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 11:55	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		04/06/21 11:55	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 11:55	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 11:55	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/06/21 11:55	108-20-3		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531225

Sample: FB-1-20210405		Lab ID: 92531225005		Collected: 04/05/21 15:00		Received: 04/05/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Ethylbenzene	ND	ug/L	0.50	1		04/06/21 11:55	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/06/21 11:55	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/06/21 11:55	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/06/21 11:55	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/06/21 11:55	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/06/21 11:55	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/06/21 11:55	103-65-1		
Styrene	ND	ug/L	0.50	1		04/06/21 11:55	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 11:55	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 11:55	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/06/21 11:55	127-18-4		
Toluene	ND	ug/L	0.50	1		04/06/21 11:55	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 11:55	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 11:55	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/06/21 11:55	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/06/21 11:55	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/06/21 11:55	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/06/21 11:55	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/06/21 11:55	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 11:55	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 11:55	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/06/21 11:55	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/06/21 11:55	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/06/21 11:55	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		04/06/21 11:55	17060-07-0		
4-Bromofluorobenzene (S)	94	%	70-130	1		04/06/21 11:55	460-00-4		
Toluene-d8 (S)	101	%	70-130	1		04/06/21 11:55	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531225

Sample: Trip Blank		Lab ID: 92531225006	Collected: 04/05/21 00:00	Received: 04/05/21 16:30	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		04/06/21 12:13	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		04/06/21 12:13	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		04/06/21 12:13	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		04/06/21 12:13	75-27-4	
Bromoform	ND	ug/L	0.50	1		04/06/21 12:13	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/06/21 12:13	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		04/06/21 12:13	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		04/06/21 12:13	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		04/06/21 12:13	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		04/06/21 12:13	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		04/06/21 12:13	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/06/21 12:13	75-00-3	
Chloroform	ND	ug/L	0.50	1		04/06/21 12:13	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/06/21 12:13	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 12:13	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 12:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/06/21 12:13	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		04/06/21 12:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/06/21 12:13	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		04/06/21 12:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 12:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 12:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 12:13	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/06/21 12:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		04/06/21 12:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		04/06/21 12:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		04/06/21 12:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 12:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 12:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 12:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		04/06/21 12:13	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 12:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		04/06/21 12:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 12:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 12:13	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/06/21 12:13	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/06/21 12:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/06/21 12:13	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/06/21 12:13	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/06/21 12:13	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/06/21 12:13	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/06/21 12:13	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/06/21 12:13	103-65-1	
Styrene	ND	ug/L	0.50	1		04/06/21 12:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 12:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 12:13	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531225

Sample: Trip Blank		Lab ID: 92531225006		Collected: 04/05/21 00:00		Received: 04/05/21 16:30		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			04/06/21 12:13	127-18-4	
Toluene	ND	ug/L	0.50	1			04/06/21 12:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1			04/06/21 12:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1			04/06/21 12:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1			04/06/21 12:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1			04/06/21 12:13	79-00-5	
Trichloroethene	ND	ug/L	0.50	1			04/06/21 12:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1			04/06/21 12:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1			04/06/21 12:13	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1			04/06/21 12:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1			04/06/21 12:13	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1			04/06/21 12:13	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1			04/06/21 12:13	179601-23-1	
o-Xylene	ND	ug/L	0.50	1			04/06/21 12:13	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130	1			04/06/21 12:13	17060-07-0	
4-Bromofluorobenzene (S)	90	%	70-130	1			04/06/21 12:13	460-00-4	
Toluene-d8 (S)	102	%	70-130	1			04/06/21 12:13	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531225

QC Batch:	611503	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92531225002, 92531225003, 92531225004, 92531225005

METHOD BLANK: 3219205 Matrix: Water

Associated Lab Samples: 92531225002, 92531225003, 92531225004, 92531225005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/05/21 14:57	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/05/21 14:57	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/05/21 14:57	N2
4-Bromofluorobenzene (FID) (S)	%	97	70-130	04/05/21 14:57	
4-Bromofluorobenzene (PID) (S)	%	94	70-130	04/05/21 14:57	

LABORATORY CONTROL SAMPLE & LCSD: 3219206

LABORATORY CONTROL SAMPLE & LCSD: 3219206			3219207							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	288	252	96	84	70-130	13	25	N2
Aliphatic (C09-C12)	ug/L	300	328	269	109	90	70-130	20	25	N2
Aromatic (C09-C10)	ug/L	100	101	87.0	101	87	70-130	15	25	N2
4-Bromofluorobenzene (FID) (S)	%				97	95	70-130			
4-Bromofluorobenzene (PID) (S)	%				92	90	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531225

QC Batch:	611760	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92531225001

METHOD BLANK: 3220233 Matrix: Water

Associated Lab Samples: 92531225001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/06/21 15:39	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/06/21 15:39	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/06/21 15:39	N2
4-Bromofluorobenzene (FID) (S)	%	92	70-130	04/06/21 15:39	
4-Bromofluorobenzene (PID) (S)	%	89	70-130	04/06/21 15:39	

LABORATORY CONTROL SAMPLE & LCSD: 3220234

Parameter	Units	3220235								
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	291	278	97	93	70-130	5	25	N2
Aliphatic (C09-C12)	ug/L	300	341	330	114	110	70-130	3	25	N2
Aromatic (C09-C10)	ug/L	100	96.8	94.5	97	95	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				95	94	70-130			
4-Bromofluorobenzene (PID) (S)	%				90	89	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531225

QC Batch: 611594

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92531225001, 92531225002, 92531225003, 92531225004

METHOD BLANK: 3219640

Matrix: Water

Associated Lab Samples: 92531225001, 92531225002, 92531225003, 92531225004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/08/21 11:27	

LABORATORY CONTROL SAMPLE: 3219641

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	487	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3219642 3219643

Parameter	Units	92531225001 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	500	494	99	98	75-125	1	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531225

QC Batch:	611675	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92531225002, 92531225003, 92531225004, 92531225005, 92531225006

METHOD BLANK: 3219796

Matrix: Water

Associated Lab Samples: 92531225002, 92531225003, 92531225004, 92531225005, 92531225006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/06/21 10:43	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/06/21 10:43	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/06/21 10:43	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/06/21 10:43	
1,1-Dichloroethane	ug/L	ND	0.50	04/06/21 10:43	
1,1-Dichloroethene	ug/L	ND	0.50	04/06/21 10:43	
1,1-Dichloropropene	ug/L	ND	0.50	04/06/21 10:43	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/06/21 10:43	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/06/21 10:43	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/06/21 10:43	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/06/21 10:43	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/06/21 10:43	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/06/21 10:43	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/06/21 10:43	
1,2-Dichloroethane	ug/L	ND	0.50	04/06/21 10:43	
1,2-Dichloropropane	ug/L	ND	0.50	04/06/21 10:43	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/06/21 10:43	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/06/21 10:43	
1,3-Dichloropropane	ug/L	ND	0.50	04/06/21 10:43	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/06/21 10:43	
2,2-Dichloropropane	ug/L	ND	0.50	04/06/21 10:43	
2-Chlorotoluene	ug/L	ND	0.50	04/06/21 10:43	
4-Chlorotoluene	ug/L	ND	0.50	04/06/21 10:43	
Benzene	ug/L	ND	0.50	04/06/21 10:43	
Bromobenzene	ug/L	ND	0.50	04/06/21 10:43	
Bromochloromethane	ug/L	ND	0.50	04/06/21 10:43	
Bromodichloromethane	ug/L	ND	0.50	04/06/21 10:43	
Bromoform	ug/L	ND	0.50	04/06/21 10:43	
Bromomethane	ug/L	ND	5.0	04/06/21 10:43	
Carbon tetrachloride	ug/L	ND	0.50	04/06/21 10:43	
Chlorobenzene	ug/L	ND	0.50	04/06/21 10:43	
Chloroethane	ug/L	ND	1.0	04/06/21 10:43	
Chloroform	ug/L	ND	0.50	04/06/21 10:43	
Chloromethane	ug/L	ND	1.0	04/06/21 10:43	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/06/21 10:43	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/06/21 10:43	
Dibromochloromethane	ug/L	ND	0.50	04/06/21 10:43	
Dibromomethane	ug/L	ND	0.50	04/06/21 10:43	
Dichlorodifluoromethane	ug/L	ND	0.50	04/06/21 10:43	
Diisopropyl ether	ug/L	ND	0.50	04/06/21 10:43	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531225

METHOD BLANK: 3219796

Matrix: Water

Associated Lab Samples: 92531225002, 92531225003, 92531225004, 92531225005, 92531225006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/06/21 10:43	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/06/21 10:43	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/06/21 10:43	
m&p-Xylene	ug/L	ND	1.0	04/06/21 10:43	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/06/21 10:43	
Methylene Chloride	ug/L	ND	2.0	04/06/21 10:43	
n-Butylbenzene	ug/L	ND	0.50	04/06/21 10:43	
n-Propylbenzene	ug/L	ND	0.50	04/06/21 10:43	
Naphthalene	ug/L	ND	2.0	04/06/21 10:43	
o-Xylene	ug/L	ND	0.50	04/06/21 10:43	
sec-Butylbenzene	ug/L	ND	0.50	04/06/21 10:43	
Styrene	ug/L	ND	0.50	04/06/21 10:43	
tert-Butylbenzene	ug/L	ND	0.50	04/06/21 10:43	
Tetrachloroethene	ug/L	ND	0.50	04/06/21 10:43	
Toluene	ug/L	ND	0.50	04/06/21 10:43	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/06/21 10:43	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/06/21 10:43	
Trichloroethene	ug/L	ND	0.50	04/06/21 10:43	
Trichlorofluoromethane	ug/L	ND	1.0	04/06/21 10:43	
Vinyl chloride	ug/L	ND	1.0	04/06/21 10:43	
1,2-Dichloroethane-d4 (S)	%	99	70-130	04/06/21 10:43	
4-Bromofluorobenzene (S)	%	98	70-130	04/06/21 10:43	
Toluene-d8 (S)	%	104	70-130	04/06/21 10:43	

LABORATORY CONTROL SAMPLE: 3219797

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.6	103	60-140	
1,1,1-Trichloroethane	ug/L	50	50.9	102	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	51.0	102	60-140	
1,1,2-Trichloroethane	ug/L	50	50.7	101	60-140	
1,1-Dichloroethane	ug/L	50	51.2	102	60-140	
1,1-Dichloroethene	ug/L	50	53.9	108	60-140	
1,1-Dichloropropene	ug/L	50	51.1	102	60-140	
1,2,3-Trichlorobenzene	ug/L	50	50.4	101	60-140	
1,2,3-Trichloropropane	ug/L	50	49.4	99	60-140	
1,2,4-Trichlorobenzene	ug/L	50	50.1	100	60-140	
1,2,4-Trimethylbenzene	ug/L	50	50.8	102	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	51.7	103	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	49.7	99	60-140	
1,2-Dichlorobenzene	ug/L	50	48.6	97	60-140	
1,2-Dichloroethane	ug/L	50	44.4	89	60-140	
1,2-Dichloropropane	ug/L	50	52.2	104	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.9	102	60-140	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531225

LABORATORY CONTROL SAMPLE: 3219797

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	50.3	101	60-140	
1,3-Dichloropropane	ug/L	50	50.2	100	60-140	
1,4-Dichlorobenzene	ug/L	50	50.7	101	60-140	
2,2-Dichloropropane	ug/L	50	53.2	106	60-140	
2-Chlorotoluene	ug/L	50	50.6	101	60-140	
4-Chlorotoluene	ug/L	50	48.6	97	60-140	
Benzene	ug/L	50	50.9	102	60-140	
Bromobenzene	ug/L	50	48.9	98	60-140	
Bromochloromethane	ug/L	50	51.2	102	60-140	
Bromodichloromethane	ug/L	50	52.5	105	60-140	
Bromoform	ug/L	50	53.4	107	60-140	
Bromomethane	ug/L	50	47.3	95	60-140	
Carbon tetrachloride	ug/L	50	53.0	106	60-140	
Chlorobenzene	ug/L	50	50.8	102	60-140	
Chloroethane	ug/L	50	41.7	83	60-140	
Chloroform	ug/L	50	44.7	89	60-140	
Chloromethane	ug/L	50	48.9	98	60-140	
cis-1,2-Dichloroethene	ug/L	50	51.3	103	60-140	
cis-1,3-Dichloropropene	ug/L	50	53.9	108	60-140	
Dibromochloromethane	ug/L	50	53.5	107	60-140	
Dibromomethane	ug/L	50	50.5	101	60-140	
Dichlorodifluoromethane	ug/L	50	47.2	94	60-140	
Diisopropyl ether	ug/L	50	46.5	93	60-140	
Ethylbenzene	ug/L	50	50.8	102	60-140	
Hexachloro-1,3-butadiene	ug/L	50	51.1	102	60-140	
Isopropylbenzene (Cumene)	ug/L	50	54.2	108	60-140	
m&p-Xylene	ug/L	100	104	104	60-140	
Methyl-tert-butyl ether	ug/L	50	46.3	93	60-140	
Methylene Chloride	ug/L	50	46.8	94	60-140	
n-Butylbenzene	ug/L	50	51.8	104	60-140	
n-Propylbenzene	ug/L	50	49.4	99	60-140	
Naphthalene	ug/L	50	49.4	99	60-140	
o-Xylene	ug/L	50	50.8	102	60-140	
sec-Butylbenzene	ug/L	50	50.1	100	60-140	
Styrene	ug/L	50	53.7	107	60-140	
tert-Butylbenzene	ug/L	50	42.9	86	60-140	
Tetrachloroethene	ug/L	50	51.8	104	60-140	
Toluene	ug/L	50	50.3	101	60-140	
trans-1,2-Dichloroethene	ug/L	50	51.9	104	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.5	107	60-140	
Trichloroethene	ug/L	50	50.5	101	60-140	
Trichlorofluoromethane	ug/L	50	43.2	86	60-140	
Vinyl chloride	ug/L	50	50.3	101	60-140	
1,2-Dichloroethane-d4 (S)	%			93	70-130	
4-Bromofluorobenzene (S)	%			105	70-130	
Toluene-d8 (S)	%			102	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531225

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3219798 3219799											
Parameter	Units	92531085002		MS	MSD	MS	MSD	MS	MSD	% Rec	RPD
		Result	Conc.	Spike	Spike						Qual
1,1,1,2-Tetrachloroethane	ug/L	<62.2	4000	4000	4350	4390	109	110	60-140	1	
1,1,1-Trichloroethane	ug/L	<66.4	4000	4000	4410	4670	110	117	60-140	6	
1,1,2,2-Tetrachloroethane	ug/L	<45.0	4000	4000	4230	4190	106	105	60-140	1	
1,1,2-Trichloroethane	ug/L	<65.0	4000	4000	4360	4490	109	112	60-140	3	
1,1-Dichloroethane	ug/L	<73.4	4000	4000	4380	4490	109	112	60-140	3	
1,1-Dichloroethene	ug/L	<69.6	4000	4000	4750	4760	119	119	60-140	0	
1,1-Dichloropropene	ug/L	<85.4	4000	4000	4480	4600	112	115	60-140	3	
1,2,3-Trichlorobenzene	ug/L	<161	4000	4000	3920	4220	98	106	60-140	7	
1,2,3-Trichloropropane	ug/L	<52.2	4000	4000	4150	4050	104	101	60-140	2	
1,2,4-Trichlorobenzene	ug/L	<128	4000	4000	3900	4180	98	104	60-140	7	
1,2,4-Trimethylbenzene	ug/L	2730	4000	4000	7040	7140	108	110	60-140	1	
1,2-Dibromo-3-chloropropane	ug/L	<68.0	4000	4000	3990	4320	100	108	60-140	8	
1,2-Dibromoethane (EDB)	ug/L	673	4000	4000	5080	5020	110	109	60-140	1	
1,2-Dichlorobenzene	ug/L	<67.8	4000	4000	4140	4120	103	103	60-140	0	
1,2-Dichloroethane	ug/L	195	4000	4000	4030	4110	96	98	60-140	2	
1,2-Dichloropropane	ug/L	<71.0	4000	4000	4510	4470	113	112	60-140	1	
1,3,5-Trimethylbenzene	ug/L	<66.4	4000	4000	5090	5240	127	131	60-140	3	
1,3-Dichlorobenzene	ug/L	<68.0	4000	4000	4200	4330	105	108	60-140	3	
1,3-Dichloropropane	ug/L	<56.8	4000	4000	4350	4310	109	108	60-140	1	
1,4-Dichlorobenzene	ug/L	<66.6	4000	4000	4280	4340	107	108	60-140	1	
2,2-Dichloropropane	ug/L	<77.6	4000	4000	4110	4130	103	103	60-140	0	
2-Chlorotoluene	ug/L	<64.2	4000	4000	4520	4500	113	113	60-140	0	
4-Chlorotoluene	ug/L	<64.8	4000	4000	4170	4290	104	107	60-140	3	
Benzene	ug/L	15300	4000	4000	19900	19300	116	100	60-140	3	
Bromobenzene	ug/L	<58.0	4000	4000	4250	4360	106	109	60-140	3	
Bromochloromethane	ug/L	<93.6	4000	4000	4310	4390	108	110	60-140	2	
Bromodichloromethane	ug/L	<61.4	4000	4000	4430	4430	111	111	60-140	0	
Bromoform	ug/L	<68.2	4000	4000	4380	4250	110	106	60-140	3	
Bromomethane	ug/L	<332	4000	4000	4860	4690	122	117	60-140	4	
Carbon tetrachloride	ug/L	<66.6	4000	4000	4630	4670	116	117	60-140	1	
Chlorobenzene	ug/L	<56.8	4000	4000	4430	4380	111	110	60-140	1	
Chloroethane	ug/L	<130	4000	4000	4970	4800	124	120	60-140	3	
Chloroform	ug/L	<70.6	4000	4000	3810	3860	95	97	60-140	1	
Chloromethane	ug/L	<108	4000	4000	3970	4100	99	102	60-140	3	
cis-1,2-Dichloroethene	ug/L	<76.8	4000	4000	4420	4570	110	114	60-140	3	
cis-1,3-Dichloropropene	ug/L	<73.0	4000	4000	4410	4400	110	110	60-140	0	
Dibromochloromethane	ug/L	<71.8	4000	4000	4580	4530	115	113	60-140	1	
Dibromomethane	ug/L	<78.8	4000	4000	4300	4230	108	106	60-140	2	
Dichlorodifluoromethane	ug/L	<69.2	4000	4000	3560	3680	89	92	60-140	3	
Diisopropyl ether	ug/L	<61.6	4000	4000	3970	4110	98	102	60-140	4	
Ethylbenzene	ug/L	2220	4000	4000	6600	6590	109	109	60-140	0	
Hexachloro-1,3-butadiene	ug/L	<306	4000	4000	4040	4180	101	105	60-140	4	
Isopropylbenzene (Cumene)	ug/L	106	4000	4000	4690	4720	115	115	60-140	1	
m&p-Xylene	ug/L	10100	8000	8000	19100	18800	113	110	60-140	1	
Methyl-tert-butyl ether	ug/L	<84.4	4000	4000	3920	4060	97	100	60-140	3	
Methylene Chloride	ug/L	<390	4000	4000	4150	4190	104	105	60-140	1	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531225

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3219798 3219799											
Parameter	Units	92531085002		MS	MSD	3219798		MS	MSD	3219799	
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	% Rec	Qual
n-Butylbenzene	ug/L	<98.0	4000	4000	4000	4210	4170	105	104	60-140	1
n-Propylbenzene	ug/L	<68.0	4000	4000	4000	4550	4640	114	116	60-140	2
Naphthalene	ug/L	990	4000	4000	4000	4650	5050	91	101	60-140	8
o-Xylene	ug/L	4930	4000	4000	4000	9870	9280	123	109	60-140	6
sec-Butylbenzene	ug/L	<80.0	4000	4000	4000	4350	4450	109	111	60-140	2
Styrene	ug/L	75.4J	4000	4000	4000	4790	4600	118	113	60-140	4
tert-Butylbenzene	ug/L	<64.6	4000	4000	4000	3700	3820	93	95	60-140	3
Tetrachloroethene	ug/L	<58.4	4000	4000	4000	4370	4440	109	111	60-140	2
Toluene	ug/L	28400	4000	4000	4000	32700	33200	109	121	60-140	1
trans-1,2-Dichloroethene	ug/L	<79.2	4000	4000	4000	4470	4610	112	115	60-140	3
trans-1,3-Dichloropropene	ug/L	<72.6	4000	4000	4000	4360	4590	109	115	60-140	5
Trichloroethene	ug/L	<76.6	4000	4000	4000	4490	4410	112	110	60-140	2
Trichlorofluoromethane	ug/L	<59.6	4000	4000	4000	4500	4490	113	112	60-140	0
Vinyl chloride	ug/L	<77.2	4000	4000	4000	4110	4170	103	104	60-140	2
1,2-Dichloroethane-d4 (S)	%							98	102	70-130	
4-Bromofluorobenzene (S)	%							102	101	70-130	
Toluene-d8 (S)	%							100	105	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)
Pace Project No.: 92531225

QC Batch: 611970	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531225001

METHOD BLANK: 3221179 Matrix: Water

Associated Lab Samples: 92531225001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/07/21 11:30	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/07/21 11:30	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/07/21 11:30	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
1,3-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
2,2-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
2-Chlorotoluene	ug/L	ND	0.50	04/07/21 11:30	
4-Chlorotoluene	ug/L	ND	0.50	04/07/21 11:30	
Benzene	ug/L	ND	0.50	04/07/21 11:30	
Bromobenzene	ug/L	ND	0.50	04/07/21 11:30	
Bromochloromethane	ug/L	ND	0.50	04/07/21 11:30	
Bromodichloromethane	ug/L	ND	0.50	04/07/21 11:30	
Bromoform	ug/L	ND	0.50	04/07/21 11:30	
Bromomethane	ug/L	ND	5.0	04/07/21 11:30	
Carbon tetrachloride	ug/L	ND	0.50	04/07/21 11:30	
Chlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
Chloroethane	ug/L	ND	1.0	04/07/21 11:30	
Chloroform	ug/L	ND	0.50	04/07/21 11:30	
Chloromethane	ug/L	ND	1.0	04/07/21 11:30	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
Dibromochloromethane	ug/L	ND	0.50	04/07/21 11:30	
Dibromomethane	ug/L	ND	0.50	04/07/21 11:30	
Dichlorodifluoromethane	ug/L	ND	0.50	04/07/21 11:30	
Diisopropyl ether	ug/L	ND	0.50	04/07/21 11:30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531225

METHOD BLANK: 3221179

Matrix: Water

Associated Lab Samples: 92531225001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/07/21 11:30	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/07/21 11:30	
m&p-Xylene	ug/L	ND	1.0	04/07/21 11:30	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/07/21 11:30	
Methylene Chloride	ug/L	ND	2.0	04/07/21 11:30	
n-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
n-Propylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Naphthalene	ug/L	ND	2.0	04/07/21 11:30	
o-Xylene	ug/L	ND	0.50	04/07/21 11:30	
sec-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Styrene	ug/L	ND	0.50	04/07/21 11:30	
tert-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Tetrachloroethene	ug/L	ND	0.50	04/07/21 11:30	
Toluene	ug/L	ND	0.50	04/07/21 11:30	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
Trichloroethene	ug/L	ND	0.50	04/07/21 11:30	
Trichlorofluoromethane	ug/L	ND	1.0	04/07/21 11:30	
Vinyl chloride	ug/L	ND	1.0	04/07/21 11:30	
1,2-Dichloroethane-d4 (S)	%	102	70-130	04/07/21 11:30	
4-Bromofluorobenzene (S)	%	96	70-130	04/07/21 11:30	
Toluene-d8 (S)	%	102	70-130	04/07/21 11:30	

LABORATORY CONTROL SAMPLE: 3221180

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	52.3	105	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	50.0	100	60-140	
1,1,2-Trichloroethane	ug/L	50	51.1	102	60-140	
1,1-Dichloroethane	ug/L	50	52.8	106	60-140	
1,1-Dichloroethene	ug/L	50	57.0	114	60-140	
1,1-Dichloropropene	ug/L	50	52.5	105	60-140	
1,2,3-Trichlorobenzene	ug/L	50	52.4	105	60-140	
1,2,3-Trichloropropane	ug/L	50	48.3	97	60-140	
1,2,4-Trichlorobenzene	ug/L	50	52.2	104	60-140	
1,2,4-Trimethylbenzene	ug/L	50	52.2	104	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	52.3	105	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.1	100	60-140	
1,2-Dichlorobenzene	ug/L	50	50.7	101	60-140	
1,2-Dichloroethane	ug/L	50	46.1	92	60-140	
1,2-Dichloropropane	ug/L	50	52.2	104	60-140	
1,3,5-Trimethylbenzene	ug/L	50	52.7	105	60-140	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531225

LABORATORY CONTROL SAMPLE: 3221180

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	51.9	104	60-140	
1,3-Dichloropropane	ug/L	50	51.3	103	60-140	
1,4-Dichlorobenzene	ug/L	50	52.3	105	60-140	
2,2-Dichloropropane	ug/L	50	54.4	109	60-140	
2-Chlorotoluene	ug/L	50	52.5	105	60-140	
4-Chlorotoluene	ug/L	50	50.4	101	60-140	
Benzene	ug/L	50	50.5	101	60-140	
Bromobenzene	ug/L	50	50.7	101	60-140	
Bromochloromethane	ug/L	50	51.4	103	60-140	
Bromodichloromethane	ug/L	50	52.3	105	60-140	
Bromoform	ug/L	50	53.4	107	60-140	
Bromomethane	ug/L	50	51.5	103	60-140	
Carbon tetrachloride	ug/L	50	53.4	107	60-140	
Chlorobenzene	ug/L	50	51.7	103	60-140	
Chloroethane	ug/L	50	44.3	89	60-140	
Chloroform	ug/L	50	44.7	89	60-140	
Chloromethane	ug/L	50	48.3	97	60-140	
cis-1,2-Dichloroethene	ug/L	50	52.6	105	60-140	
cis-1,3-Dichloropropene	ug/L	50	54.0	108	60-140	
Dibromochloromethane	ug/L	50	54.7	109	60-140	
Dibromomethane	ug/L	50	49.7	99	60-140	
Dichlorodifluoromethane	ug/L	50	46.6	93	60-140	
Diisopropyl ether	ug/L	50	47.6	95	60-140	
Ethylbenzene	ug/L	50	51.3	103	60-140	
Hexachloro-1,3-butadiene	ug/L	50	54.0	108	60-140	
Isopropylbenzene (Cumene)	ug/L	50	54.7	109	60-140	
m&p-Xylene	ug/L	100	105	105	60-140	
Methyl-tert-butyl ether	ug/L	50	46.6	93	60-140	
Methylene Chloride	ug/L	50	48.6	97	60-140	
n-Butylbenzene	ug/L	50	53.1	106	60-140	
n-Propylbenzene	ug/L	50	51.4	103	60-140	
Naphthalene	ug/L	50	49.8	100	60-140	
o-Xylene	ug/L	50	50.9	102	60-140	
sec-Butylbenzene	ug/L	50	51.8	104	60-140	
Styrene	ug/L	50	54.3	109	60-140	
tert-Butylbenzene	ug/L	50	44.4	89	60-140	
Tetrachloroethene	ug/L	50	51.9	104	60-140	
Toluene	ug/L	50	50.8	102	60-140	
trans-1,2-Dichloroethene	ug/L	50	53.7	107	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.8	108	60-140	
Trichloroethene	ug/L	50	51.8	104	60-140	
Trichlorofluoromethane	ug/L	50	43.3	87	60-140	
Vinyl chloride	ug/L	50	50.7	101	60-140	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			100	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531225

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221181 3221182											
Parameter	Units	92531403001 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	ND	20	20	21.5	21.0	107	105	60-140	2	
1,1,1-Trichloroethane	ug/L	ND	20	20	21.8	22.0	109	110	60-140	1	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.9	20.6	104	103	60-140	1	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.7	21.3	103	107	60-140	3	
1,1-Dichloroethane	ug/L	ND	20	20	21.9	22.0	110	110	60-140	0	
1,1-Dichloroethene	ug/L	ND	20	20	23.0	23.5	115	118	60-140	2	
1,1-Dichloropropene	ug/L	ND	20	20	22.0	21.6	110	108	60-140	2	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.3	21.2	106	106	60-140	0	
1,2,3-Trichloropropane	ug/L	ND	20	20	20.2	19.7	101	99	60-140	2	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20.2	19.9	101	100	60-140	1	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	21.2	20.6	106	103	60-140	3	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20.9	21.3	105	106	60-140	2	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	21.1	20.8	106	104	60-140	2	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.0	19.6	100	98	60-140	2	
1,2-Dichloroethane	ug/L	ND	20	20	18.6	19.1	93	95	60-140	2	
1,2-Dichloropropane	ug/L	ND	20	20	21.3	21.9	106	109	60-140	3	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	21.8	21.0	109	105	60-140	4	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.3	20.0	102	100	60-140	2	
1,3-Dichloropropane	ug/L	ND	20	20	21.3	20.8	107	104	60-140	3	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.7	20.3	103	102	60-140	2	
2,2-Dichloropropane	ug/L	ND	20	20	21.6	21.6	108	108	60-140	0	
2-Chlorotoluene	ug/L	ND	20	20	21.2	20.8	106	104	60-140	2	
4-Chlorotoluene	ug/L	ND	20	20	20.1	19.8	101	99	60-140	2	
Benzene	ug/L	ND	20	20	20.8	21.7	104	109	60-140	4	
Bromobenzene	ug/L	ND	20	20	21.1	20.7	106	103	60-140	2	
Bromochloromethane	ug/L	ND	20	20	21.0	21.5	105	107	60-140	2	
Bromodichloromethane	ug/L	ND	20	20	20.9	21.6	105	108	60-140	3	
Bromoform	ug/L	ND	20	20	20.8	20.7	104	103	60-140	1	
Bromomethane	ug/L	ND	20	20	23.7	24.4	118	122	60-140	3	
Carbon tetrachloride	ug/L	ND	20	20	22.2	22.5	111	113	60-140	1	
Chlorobenzene	ug/L	ND	20	20	21.3	21.1	107	105	60-140	1	
Chloroethane	ug/L	ND	20	20	24.1	23.5	121	118	60-140	3	
Chloroform	ug/L	7.9	20	20	26.6	26.6	93	93	60-140	0	
Chloromethane	ug/L	ND	20	20	19.8	20.4	99	102	60-140	3	
cis-1,2-Dichloroethene	ug/L	ND	20	20	21.6	21.8	108	109	60-140	1	
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.2	22.5	106	113	60-140	6	
Dibromochloromethane	ug/L	ND	20	20	22.4	21.8	112	109	60-140	2	
Dibromomethane	ug/L	ND	20	20	20.7	21.2	104	106	60-140	2	
Dichlorodifluoromethane	ug/L	ND	20	20	19.9	20.2	100	101	60-140	1	
Diisopropyl ether	ug/L	ND	20	20	19.3	19.1	97	95	60-140	1	
Ethylbenzene	ug/L	ND	20	20	21.3	20.9	106	105	60-140	2	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	22.4	22.3	112	112	60-140	0	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	22.5	22.0	112	110	60-140	2	
m&p-Xylene	ug/L	ND	40	40	43.3	42.2	108	105	60-140	2	
Methyl-tert-butyl ether	ug/L	ND	20	20	18.9	19.3	94	96	60-140	2	
Methylene Chloride	ug/L	ND	20	20	20.0	20.0	100	100	60-140	0	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531225

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221181				3221182							
Parameter	92531403001		MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.							
n-Butylbenzene	ug/L	ND	20	20	21.4	20.9	107	104	60-140	2	
n-Propylbenzene	ug/L	ND	20	20	21.4	21.0	107	105	60-140	2	
Naphthalene	ug/L	ND	20	20	20.1	20.2	101	101	60-140	0	
o-Xylene	ug/L	ND	20	20	21.0	20.7	105	104	60-140	2	
sec-Butylbenzene	ug/L	ND	20	20	21.8	21.2	109	106	60-140	3	
Styrene	ug/L	ND	20	20	21.0	20.7	105	104	60-140	1	
tert-Butylbenzene	ug/L	ND	20	20	18.9	18.3	94	91	60-140	3	
Tetrachloroethene	ug/L	ND	20	20	21.9	21.0	109	105	60-140	4	
Toluene	ug/L	ND	20	20	21.1	21.6	106	108	60-140	2	
trans-1,2-Dichloroethene	ug/L	ND	20	20	22.0	22.2	110	111	60-140	1	
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.1	21.4	106	107	60-140	1	
Trichloroethene	ug/L	ND	20	20	21.6	21.6	108	108	60-140	0	
Trichlorofluoromethane	ug/L	ND	20	20	22.3	21.7	112	108	60-140	3	
Vinyl chloride	ug/L	ND	20	20	20.9	20.8	104	104	60-140	0	
1,2-Dichloroethane-d4 (S)	%						98	102	70-130		
4-Bromofluorobenzene (S)	%						100	101	70-130		
Toluene-d8 (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

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QUALIFIERS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531225

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531225

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531225001	MW-19	MADEP VPH	611760		
92531225002	MW-80	MADEP VPH	611503		
92531225003	MW-81	MADEP VPH	611503		
92531225004	MW-82	MADEP VPH	611503		
92531225005	FB-1-20210405	MADEP VPH	611503		
92531225001	MW-19	EPA 3010A	611594	EPA 6010D	611623
92531225002	MW-80	EPA 3010A	611594	EPA 6010D	611623
92531225003	MW-81	EPA 3010A	611594	EPA 6010D	611623
92531225004	MW-82	EPA 3010A	611594	EPA 6010D	611623
92531225001	MW-19	SM 6200B	611970		
92531225002	MW-80	SM 6200B	611675		
92531225003	MW-81	SM 6200B	611675		
92531225004	MW-82	SM 6200B	611675		
92531225005	FB-1-20210405	SM 6200B	611675		
92531225006	Trip Blank	SM 6200B	611675		

REPORT OF LABORATORY ANALYSIS

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Laboratory receiving samples:

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

Sample Condition
Upon Receipt

Client Name:

AECOM

Project #:

WO# : 92531225



92531225

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

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

Date/Initials Person Examining Contents: *MS 4-5-21*

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

Thermometer:

☒ IR Gun ID: *92T064*

Type of Ice:

☒ Wet ☐ Blue ☐ None

Biological Tissue Frozen?

☐ Yes ☐ No ☒ N/A

Cooler Temp: *4.6* 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): *4.6*

USDA Regulated Soil (☒ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?

☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

			Comments/Discrepancy:
Chain of Custody Present?	☒ Yes ☐ No ☐ N/A	1.	
Samples Arrived within Hold Time?	☒ Yes ☐ No ☐ N/A	2.	
Short Hold Time Analysis (<72 hr.)?	☐ Yes ☒ No ☐ N/A	3.	
Rush Turn Around Time Requested?	☐ Yes ☒ No ☐ N/A	4.	
Sufficient Volume?	☒ Yes ☐ No ☐ N/A	5.	
Correct Containers Used?	☒ Yes ☐ No ☐ N/A	6.	
-Pace Containers Used?	☒ Yes ☐ No ☐ N/A		
Containers Intact?	☒ Yes ☐ No ☐ N/A	7.	
Dissolved analysis: Samples Field Filtered?	☐ Yes ☒ No ☐ N/A	8.	
Sample Labels Match COC?	☒ Yes ☐ No ☐ N/A	9.	
-Includes Date/Time/ID/Analysis Matrix: <i>WT</i>			
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# : 92531225

PM: NMG

Due Date: 04/12/21

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																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.

April 08, 2021

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

RE: Project: CPC Huntersville (4/5/21)
Pace Project No.: 92531227

Dear Andrew Wreschnig:

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

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CERTIFICATIONS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531227

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531227

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531227001	MW-42	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531227002	MW-66	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531227003	MW-67	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531227004	MW-68	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531227005	Trip Blank	SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531227

Sample: MW-42		Lab ID: 92531227001		Collected: 04/05/21 15:00		Received: 04/05/21 16:30		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		04/06/21 06:38		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/06/21 06:38		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/06/21 06:38		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/06/21 06:38		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130	1		04/06/21 06:38	460-00-4		
4-Bromofluorobenzene (PID) (S)	99	%	70-130	1		04/06/21 06:38	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/06/21 01:25	04/08/21 12:02	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/06/21 14:20	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/06/21 14:20	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/06/21 14:20	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/06/21 14:20	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/06/21 14:20	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/06/21 14:20	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/06/21 14:20	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/06/21 14:20	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/06/21 14:20	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/06/21 14:20	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/06/21 14:20	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/06/21 14:20	75-00-3		
Chloroform	4.0	ug/L	0.50	1		04/06/21 14:20	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/06/21 14:20	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 14:20	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 14:20	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/06/21 14:20	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/06/21 14:20	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/06/21 14:20	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/06/21 14:20	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 14:20	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 14:20	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 14:20	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/06/21 14:20	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/06/21 14:20	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/06/21 14:20	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/06/21 14:20	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 14:20	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 14:20	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 14:20	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/06/21 14:20	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 14:20	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531227

Sample: MW-42		Lab ID: 92531227001	Collected: 04/05/21 15:00	Received: 04/05/21 16:30	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		04/06/21 14:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 14:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 14:20	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/06/21 14:20	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/06/21 14:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/06/21 14:20	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/06/21 14:20	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/06/21 14:20	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/06/21 14:20	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/06/21 14:20	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/06/21 14:20	103-65-1	
Styrene	ND	ug/L	0.50	1		04/06/21 14:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 14:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 14:20	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		04/06/21 14:20	127-18-4	
Toluene	ND	ug/L	0.50	1		04/06/21 14:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 14:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 14:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/06/21 14:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/06/21 14:20	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		04/06/21 14:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/06/21 14:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/06/21 14:20	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 14:20	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 14:20	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		04/06/21 14:20	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		04/06/21 14:20	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		04/06/21 14:20	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		04/06/21 14:20	17060-07-0	
4-Bromofluorobenzene (S)	91	%	70-130	1		04/06/21 14:20	460-00-4	
Toluene-d8 (S)	101	%	70-130	1		04/06/21 14:20	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531227

Sample: MW-66		Lab ID: 92531227002		Collected: 04/05/21 14:55		Received: 04/05/21 16:30		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		04/06/21 07:06		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/06/21 07:06		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/06/21 07:06		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/06/21 07:06		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	94	%	70-130	1		04/06/21 07:06	460-00-4		
4-Bromofluorobenzene (PID) (S)	91	%	70-130	1		04/06/21 07:06	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/06/21 01:25	04/08/21 12:05	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/06/21 14:38	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/06/21 14:38	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/06/21 14:38	74-97-5		
Bromodichloromethane	1.4	ug/L	0.50	1		04/06/21 14:38	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/06/21 14:38	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/06/21 14:38	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/06/21 14:38	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/06/21 14:38	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/06/21 14:38	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/06/21 14:38	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/06/21 14:38	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/06/21 14:38	75-00-3		
Chloroform	5.3	ug/L	0.50	1		04/06/21 14:38	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/06/21 14:38	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 14:38	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 14:38	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/06/21 14:38	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/06/21 14:38	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/06/21 14:38	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/06/21 14:38	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 14:38	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 14:38	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 14:38	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/06/21 14:38	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/06/21 14:38	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/06/21 14:38	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/06/21 14:38	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 14:38	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 14:38	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 14:38	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/06/21 14:38	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 14:38	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531227

Sample: MW-66		Lab ID: 92531227002		Collected: 04/05/21 14:55		Received: 04/05/21 16:30		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		04/06/21 14:38	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 14:38	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 14:38	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/06/21 14:38	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/06/21 14:38	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/06/21 14:38	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/06/21 14:38	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/06/21 14:38	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/06/21 14:38	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/06/21 14:38	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/06/21 14:38	103-65-1		
Styrene	ND	ug/L	0.50	1		04/06/21 14:38	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 14:38	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 14:38	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/06/21 14:38	127-18-4		
Toluene	ND	ug/L	0.50	1		04/06/21 14:38	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 14:38	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 14:38	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/06/21 14:38	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/06/21 14:38	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/06/21 14:38	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/06/21 14:38	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/06/21 14:38	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 14:38	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 14:38	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/06/21 14:38	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/06/21 14:38	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/06/21 14:38	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		04/06/21 14:38	17060-07-0		
4-Bromofluorobenzene (S)	96	%	70-130	1		04/06/21 14:38	460-00-4		
Toluene-d8 (S)	100	%	70-130	1		04/06/21 14:38	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531227

Sample: MW-67		Lab ID: 92531227003		Collected: 04/05/21 10:30		Received: 04/05/21 16:30		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		04/06/21 07:34		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/06/21 07:34		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/06/21 07:34		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/06/21 07:34		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	91	%	70-130	1		04/06/21 07:34	460-00-4		
4-Bromofluorobenzene (PID) (S)	88	%	70-130	1		04/06/21 07:34	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	04/06/21 01:25	04/08/21 12:09	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/06/21 22:44	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/06/21 22:44	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/06/21 22:44	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/06/21 22:44	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/06/21 22:44	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/06/21 22:44	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/06/21 22:44	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/06/21 22:44	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/06/21 22:44	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/06/21 22:44	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/06/21 22:44	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/06/21 22:44	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/06/21 22:44	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/06/21 22:44	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 22:44	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 22:44	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/06/21 22:44	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/06/21 22:44	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/06/21 22:44	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/06/21 22:44	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 22:44	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 22:44	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 22:44	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/06/21 22:44	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/06/21 22:44	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/06/21 22:44	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/06/21 22:44	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 22:44	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 22:44	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 22:44	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/06/21 22:44	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 22:44	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531227

Sample: MW-67		Lab ID: 92531227003		Collected: 04/05/21 10:30		Received: 04/05/21 16:30		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		04/06/21 22:44	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 22:44	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 22:44	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/06/21 22:44	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/06/21 22:44	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/06/21 22:44	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/06/21 22:44	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/06/21 22:44	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/06/21 22:44	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/06/21 22:44	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/06/21 22:44	103-65-1		
Styrene	ND	ug/L	0.50	1		04/06/21 22:44	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 22:44	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 22:44	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/06/21 22:44	127-18-4		
Toluene	3.1	ug/L	0.50	1		04/06/21 22:44	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 22:44	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 22:44	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/06/21 22:44	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/06/21 22:44	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/06/21 22:44	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/06/21 22:44	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/06/21 22:44	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 22:44	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 22:44	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/06/21 22:44	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/06/21 22:44	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/06/21 22:44	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		04/06/21 22:44	17060-07-0		
4-Bromofluorobenzene (S)	96	%	70-130	1		04/06/21 22:44	460-00-4		
Toluene-d8 (S)	103	%	70-130	1		04/06/21 22:44	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531227

Sample: MW-68		Lab ID: 92531227004		Collected: 04/05/21 14:55		Received: 04/05/21 16:30		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		04/06/21 08:03		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/06/21 08:03		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/06/21 08:03		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/06/21 08:03		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	94	%	70-130	1		04/06/21 08:03	460-00-4		
4-Bromofluorobenzene (PID) (S)	91	%	70-130	1		04/06/21 08:03	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	1	04/06/21 01:25	04/08/21 12:12	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/06/21 14:56	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/06/21 14:56	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/06/21 14:56	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/06/21 14:56	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/06/21 14:56	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/06/21 14:56	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/06/21 14:56	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/06/21 14:56	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/06/21 14:56	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/06/21 14:56	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/06/21 14:56	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/06/21 14:56	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/06/21 14:56	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/06/21 14:56	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 14:56	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 14:56	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/06/21 14:56	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/06/21 14:56	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/06/21 14:56	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/06/21 14:56	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 14:56	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 14:56	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 14:56	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/06/21 14:56	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/06/21 14:56	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/06/21 14:56	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/06/21 14:56	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 14:56	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 14:56	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 14:56	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/06/21 14:56	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 14:56	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531227

Sample: MW-68		Lab ID: 92531227004		Collected: 04/05/21 14:55		Received: 04/05/21 16:30		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		04/06/21 14:56	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 14:56	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 14:56	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/06/21 14:56	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/06/21 14:56	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/06/21 14:56	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/06/21 14:56	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/06/21 14:56	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/06/21 14:56	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/06/21 14:56	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/06/21 14:56	103-65-1		
Styrene	ND	ug/L	0.50	1		04/06/21 14:56	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 14:56	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 14:56	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/06/21 14:56	127-18-4		
Toluene	ND	ug/L	0.50	1		04/06/21 14:56	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 14:56	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 14:56	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/06/21 14:56	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/06/21 14:56	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/06/21 14:56	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/06/21 14:56	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/06/21 14:56	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 14:56	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 14:56	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/06/21 14:56	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/06/21 14:56	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/06/21 14:56	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		04/06/21 14:56	17060-07-0		
4-Bromofluorobenzene (S)	97	%	70-130	1		04/06/21 14:56	460-00-4		
Toluene-d8 (S)	103	%	70-130	1		04/06/21 14:56	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531227

Sample: Trip Blank		Lab ID: 92531227005	Collected: 04/05/21 00:00	Received: 04/05/21 16:30	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		04/06/21 12:31	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		04/06/21 12:31	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		04/06/21 12:31	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		04/06/21 12:31	75-27-4	
Bromoform	ND	ug/L	0.50	1		04/06/21 12:31	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/06/21 12:31	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		04/06/21 12:31	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		04/06/21 12:31	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		04/06/21 12:31	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		04/06/21 12:31	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		04/06/21 12:31	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/06/21 12:31	75-00-3	
Chloroform	ND	ug/L	0.50	1		04/06/21 12:31	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/06/21 12:31	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 12:31	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 12:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/06/21 12:31	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		04/06/21 12:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/06/21 12:31	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		04/06/21 12:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 12:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 12:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 12:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/06/21 12:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		04/06/21 12:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		04/06/21 12:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		04/06/21 12:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 12:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 12:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 12:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		04/06/21 12:31	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 12:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		04/06/21 12:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 12:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 12:31	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/06/21 12:31	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/06/21 12:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/06/21 12:31	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/06/21 12:31	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/06/21 12:31	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/06/21 12:31	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/06/21 12:31	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/06/21 12:31	103-65-1	
Styrene	ND	ug/L	0.50	1		04/06/21 12:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 12:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 12:31	79-34-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531227

Sample: Trip Blank		Lab ID: 92531227005		Collected: 04/05/21 00:00		Received: 04/05/21 16:30		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		04/06/21 12:31	127-18-4		
Toluene	ND	ug/L	0.50	1		04/06/21 12:31	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 12:31	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 12:31	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/06/21 12:31	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/06/21 12:31	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/06/21 12:31	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/06/21 12:31	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/06/21 12:31	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 12:31	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 12:31	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/06/21 12:31	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/06/21 12:31	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/06/21 12:31	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		04/06/21 12:31	17060-07-0		
4-Bromofluorobenzene (S)	98	%	70-130	1		04/06/21 12:31	460-00-4		
Toluene-d8 (S)	102	%	70-130	1		04/06/21 12:31	2037-26-5		

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531227

QC Batch:	611503	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples: 92531227001, 92531227002, 92531227003, 92531227004			

METHOD BLANK: 3219205 Matrix: Water

Associated Lab Samples: 92531227001, 92531227002, 92531227003, 92531227004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/05/21 14:57	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/05/21 14:57	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/05/21 14:57	N2
4-Bromofluorobenzene (FID) (S)	%	97	70-130	04/05/21 14:57	
4-Bromofluorobenzene (PID) (S)	%	94	70-130	04/05/21 14:57	

LABORATORY CONTROL SAMPLE & LCSD: 3219206

Parameter	Units	3219207								
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	288	252	96	84	70-130	13	25	N2
Aliphatic (C09-C12)	ug/L	300	328	269	109	90	70-130	20	25	N2
Aromatic (C09-C10)	ug/L	100	101	87.0	101	87	70-130	15	25	N2
4-Bromofluorobenzene (FID) (S)	%				97	95	70-130			
4-Bromofluorobenzene (PID) (S)	%				92	90	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531227

QC Batch: 611594

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92531227001, 92531227002, 92531227003, 92531227004

METHOD BLANK: 3219640

Matrix: Water

Associated Lab Samples: 92531227001, 92531227002, 92531227003, 92531227004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/08/21 11:27	

LABORATORY CONTROL SAMPLE: 3219641

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	487	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3219642 3219643

Parameter	Units	92531225001 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	500	494	99	98	75-125	1	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531227

QC Batch:	611675	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92531227001, 92531227002, 92531227004, 92531227005

METHOD BLANK: 3219796 Matrix: Water

Associated Lab Samples: 92531227001, 92531227002, 92531227004, 92531227005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/06/21 10:43	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/06/21 10:43	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/06/21 10:43	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/06/21 10:43	
1,1-Dichloroethane	ug/L	ND	0.50	04/06/21 10:43	
1,1-Dichloroethene	ug/L	ND	0.50	04/06/21 10:43	
1,1-Dichloropropene	ug/L	ND	0.50	04/06/21 10:43	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/06/21 10:43	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/06/21 10:43	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/06/21 10:43	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/06/21 10:43	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/06/21 10:43	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/06/21 10:43	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/06/21 10:43	
1,2-Dichloroethane	ug/L	ND	0.50	04/06/21 10:43	
1,2-Dichloropropane	ug/L	ND	0.50	04/06/21 10:43	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/06/21 10:43	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/06/21 10:43	
1,3-Dichloropropane	ug/L	ND	0.50	04/06/21 10:43	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/06/21 10:43	
2,2-Dichloropropane	ug/L	ND	0.50	04/06/21 10:43	
2-Chlorotoluene	ug/L	ND	0.50	04/06/21 10:43	
4-Chlorotoluene	ug/L	ND	0.50	04/06/21 10:43	
Benzene	ug/L	ND	0.50	04/06/21 10:43	
Bromobenzene	ug/L	ND	0.50	04/06/21 10:43	
Bromochloromethane	ug/L	ND	0.50	04/06/21 10:43	
Bromodichloromethane	ug/L	ND	0.50	04/06/21 10:43	
Bromoform	ug/L	ND	0.50	04/06/21 10:43	
Bromomethane	ug/L	ND	5.0	04/06/21 10:43	
Carbon tetrachloride	ug/L	ND	0.50	04/06/21 10:43	
Chlorobenzene	ug/L	ND	0.50	04/06/21 10:43	
Chloroethane	ug/L	ND	1.0	04/06/21 10:43	
Chloroform	ug/L	ND	0.50	04/06/21 10:43	
Chloromethane	ug/L	ND	1.0	04/06/21 10:43	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/06/21 10:43	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/06/21 10:43	
Dibromochloromethane	ug/L	ND	0.50	04/06/21 10:43	
Dibromomethane	ug/L	ND	0.50	04/06/21 10:43	
Dichlorodifluoromethane	ug/L	ND	0.50	04/06/21 10:43	
Diisopropyl ether	ug/L	ND	0.50	04/06/21 10:43	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531227

METHOD BLANK: 3219796

Matrix: Water

Associated Lab Samples: 92531227001, 92531227002, 92531227004, 92531227005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/06/21 10:43	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/06/21 10:43	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/06/21 10:43	
m&p-Xylene	ug/L	ND	1.0	04/06/21 10:43	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/06/21 10:43	
Methylene Chloride	ug/L	ND	2.0	04/06/21 10:43	
n-Butylbenzene	ug/L	ND	0.50	04/06/21 10:43	
n-Propylbenzene	ug/L	ND	0.50	04/06/21 10:43	
Naphthalene	ug/L	ND	2.0	04/06/21 10:43	
o-Xylene	ug/L	ND	0.50	04/06/21 10:43	
sec-Butylbenzene	ug/L	ND	0.50	04/06/21 10:43	
Styrene	ug/L	ND	0.50	04/06/21 10:43	
tert-Butylbenzene	ug/L	ND	0.50	04/06/21 10:43	
Tetrachloroethene	ug/L	ND	0.50	04/06/21 10:43	
Toluene	ug/L	ND	0.50	04/06/21 10:43	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/06/21 10:43	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/06/21 10:43	
Trichloroethene	ug/L	ND	0.50	04/06/21 10:43	
Trichlorofluoromethane	ug/L	ND	1.0	04/06/21 10:43	
Vinyl chloride	ug/L	ND	1.0	04/06/21 10:43	
1,2-Dichloroethane-d4 (S)	%	99	70-130	04/06/21 10:43	
4-Bromofluorobenzene (S)	%	98	70-130	04/06/21 10:43	
Toluene-d8 (S)	%	104	70-130	04/06/21 10:43	

LABORATORY CONTROL SAMPLE: 3219797

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.6	103	60-140	
1,1,1-Trichloroethane	ug/L	50	50.9	102	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	51.0	102	60-140	
1,1,2-Trichloroethane	ug/L	50	50.7	101	60-140	
1,1-Dichloroethane	ug/L	50	51.2	102	60-140	
1,1-Dichloroethene	ug/L	50	53.9	108	60-140	
1,1-Dichloropropene	ug/L	50	51.1	102	60-140	
1,2,3-Trichlorobenzene	ug/L	50	50.4	101	60-140	
1,2,3-Trichloropropane	ug/L	50	49.4	99	60-140	
1,2,4-Trichlorobenzene	ug/L	50	50.1	100	60-140	
1,2,4-Trimethylbenzene	ug/L	50	50.8	102	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	51.7	103	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	49.7	99	60-140	
1,2-Dichlorobenzene	ug/L	50	48.6	97	60-140	
1,2-Dichloroethane	ug/L	50	44.4	89	60-140	
1,2-Dichloropropane	ug/L	50	52.2	104	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.9	102	60-140	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531227

LABORATORY CONTROL SAMPLE: 3219797

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	50.3	101	60-140	
1,3-Dichloropropane	ug/L	50	50.2	100	60-140	
1,4-Dichlorobenzene	ug/L	50	50.7	101	60-140	
2,2-Dichloropropane	ug/L	50	53.2	106	60-140	
2-Chlorotoluene	ug/L	50	50.6	101	60-140	
4-Chlorotoluene	ug/L	50	48.6	97	60-140	
Benzene	ug/L	50	50.9	102	60-140	
Bromobenzene	ug/L	50	48.9	98	60-140	
Bromochloromethane	ug/L	50	51.2	102	60-140	
Bromodichloromethane	ug/L	50	52.5	105	60-140	
Bromoform	ug/L	50	53.4	107	60-140	
Bromomethane	ug/L	50	47.3	95	60-140	
Carbon tetrachloride	ug/L	50	53.0	106	60-140	
Chlorobenzene	ug/L	50	50.8	102	60-140	
Chloroethane	ug/L	50	41.7	83	60-140	
Chloroform	ug/L	50	44.7	89	60-140	
Chloromethane	ug/L	50	48.9	98	60-140	
cis-1,2-Dichloroethene	ug/L	50	51.3	103	60-140	
cis-1,3-Dichloropropene	ug/L	50	53.9	108	60-140	
Dibromochloromethane	ug/L	50	53.5	107	60-140	
Dibromomethane	ug/L	50	50.5	101	60-140	
Dichlorodifluoromethane	ug/L	50	47.2	94	60-140	
Diisopropyl ether	ug/L	50	46.5	93	60-140	
Ethylbenzene	ug/L	50	50.8	102	60-140	
Hexachloro-1,3-butadiene	ug/L	50	51.1	102	60-140	
Isopropylbenzene (Cumene)	ug/L	50	54.2	108	60-140	
m&p-Xylene	ug/L	100	104	104	60-140	
Methyl-tert-butyl ether	ug/L	50	46.3	93	60-140	
Methylene Chloride	ug/L	50	46.8	94	60-140	
n-Butylbenzene	ug/L	50	51.8	104	60-140	
n-Propylbenzene	ug/L	50	49.4	99	60-140	
Naphthalene	ug/L	50	49.4	99	60-140	
o-Xylene	ug/L	50	50.8	102	60-140	
sec-Butylbenzene	ug/L	50	50.1	100	60-140	
Styrene	ug/L	50	53.7	107	60-140	
tert-Butylbenzene	ug/L	50	42.9	86	60-140	
Tetrachloroethene	ug/L	50	51.8	104	60-140	
Toluene	ug/L	50	50.3	101	60-140	
trans-1,2-Dichloroethene	ug/L	50	51.9	104	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.5	107	60-140	
Trichloroethene	ug/L	50	50.5	101	60-140	
Trichlorofluoromethane	ug/L	50	43.2	86	60-140	
Vinyl chloride	ug/L	50	50.3	101	60-140	
1,2-Dichloroethane-d4 (S)	%			93	70-130	
4-Bromofluorobenzene (S)	%			105	70-130	
Toluene-d8 (S)	%			102	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531227

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3219798 3219799											
Parameter	Units	92531085002		MS	MSD	MS		MSD	% Rec		Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	Result	% Rec	Limits	
1,1,1,2-Tetrachloroethane	ug/L	<62.2	4000	4000	4000	4350	4390	109	110	60-140	1
1,1,1-Trichloroethane	ug/L	<66.4	4000	4000	4000	4410	4670	110	117	60-140	6
1,1,2,2-Tetrachloroethane	ug/L	<45.0	4000	4000	4000	4230	4190	106	105	60-140	1
1,1,2-Trichloroethane	ug/L	<65.0	4000	4000	4000	4360	4490	109	112	60-140	3
1,1-Dichloroethane	ug/L	<73.4	4000	4000	4000	4380	4490	109	112	60-140	3
1,1-Dichloroethene	ug/L	<69.6	4000	4000	4000	4750	4760	119	119	60-140	0
1,1-Dichloropropene	ug/L	<85.4	4000	4000	4000	4480	4600	112	115	60-140	3
1,2,3-Trichlorobenzene	ug/L	<161	4000	4000	4000	3920	4220	98	106	60-140	7
1,2,3-Trichloropropane	ug/L	<52.2	4000	4000	4000	4150	4050	104	101	60-140	2
1,2,4-Trichlorobenzene	ug/L	<128	4000	4000	4000	3900	4180	98	104	60-140	7
1,2,4-Trimethylbenzene	ug/L	2730	4000	4000	4000	7040	7140	108	110	60-140	1
1,2-Dibromo-3-chloropropane	ug/L	<68.0	4000	4000	4000	3990	4320	100	108	60-140	8
1,2-Dibromoethane (EDB)	ug/L	673	4000	4000	4000	5080	5020	110	109	60-140	1
1,2-Dichlorobenzene	ug/L	<67.8	4000	4000	4000	4140	4120	103	103	60-140	0
1,2-Dichloroethane	ug/L	195	4000	4000	4000	4030	4110	96	98	60-140	2
1,2-Dichloropropane	ug/L	<71.0	4000	4000	4000	4510	4470	113	112	60-140	1
1,3,5-Trimethylbenzene	ug/L	<66.4	4000	4000	4000	5090	5240	127	131	60-140	3
1,3-Dichlorobenzene	ug/L	<68.0	4000	4000	4000	4200	4330	105	108	60-140	3
1,3-Dichloropropane	ug/L	<56.8	4000	4000	4000	4350	4310	109	108	60-140	1
1,4-Dichlorobenzene	ug/L	<66.6	4000	4000	4000	4280	4340	107	108	60-140	1
2,2-Dichloropropane	ug/L	<77.6	4000	4000	4000	4110	4130	103	103	60-140	0
2-Chlorotoluene	ug/L	<64.2	4000	4000	4000	4520	4500	113	113	60-140	0
4-Chlorotoluene	ug/L	<64.8	4000	4000	4000	4170	4290	104	107	60-140	3
Benzene	ug/L	15300	4000	4000	4000	19900	19300	116	100	60-140	3
Bromobenzene	ug/L	<58.0	4000	4000	4000	4250	4360	106	109	60-140	3
Bromochloromethane	ug/L	<93.6	4000	4000	4000	4310	4390	108	110	60-140	2
Bromodichloromethane	ug/L	<61.4	4000	4000	4000	4430	4430	111	111	60-140	0
Bromoform	ug/L	<68.2	4000	4000	4000	4380	4250	110	106	60-140	3
Bromomethane	ug/L	<332	4000	4000	4000	4860	4690	122	117	60-140	4
Carbon tetrachloride	ug/L	<66.6	4000	4000	4000	4630	4670	116	117	60-140	1
Chlorobenzene	ug/L	<56.8	4000	4000	4000	4430	4380	111	110	60-140	1
Chloroethane	ug/L	<130	4000	4000	4000	4970	4800	124	120	60-140	3
Chloroform	ug/L	<70.6	4000	4000	4000	3810	3860	95	97	60-140	1
Chloromethane	ug/L	<108	4000	4000	4000	3970	4100	99	102	60-140	3
cis-1,2-Dichloroethene	ug/L	<76.8	4000	4000	4000	4420	4570	110	114	60-140	3
cis-1,3-Dichloropropene	ug/L	<73.0	4000	4000	4000	4410	4400	110	110	60-140	0
Dibromochloromethane	ug/L	<71.8	4000	4000	4000	4580	4530	115	113	60-140	1
Dibromomethane	ug/L	<78.8	4000	4000	4000	4300	4230	108	106	60-140	2
Dichlorodifluoromethane	ug/L	<69.2	4000	4000	4000	3560	3680	89	92	60-140	3
Diisopropyl ether	ug/L	<61.6	4000	4000	4000	3970	4110	98	102	60-140	4
Ethylbenzene	ug/L	2220	4000	4000	4000	6600	6590	109	109	60-140	0
Hexachloro-1,3-butadiene	ug/L	<306	4000	4000	4000	4040	4180	101	105	60-140	4
Isopropylbenzene (Cumene)	ug/L	106	4000	4000	4000	4690	4720	115	115	60-140	1
m&p-Xylene	ug/L	10100	8000	8000	8000	19100	18800	113	110	60-140	1
Methyl-tert-butyl ether	ug/L	<84.4	4000	4000	4000	3920	4060	97	100	60-140	3
Methylene Chloride	ug/L	<390	4000	4000	4000	4150	4190	104	105	60-140	1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531227

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3219798 3219799											
Parameter	Units	92531085002		MS	MSD	3219799		MS	MSD	% Rec	Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
n-Butylbenzene	ug/L	<98.0	4000	4000	4000	4210	4170	105	104	60-140	1
n-Propylbenzene	ug/L	<68.0	4000	4000	4000	4550	4640	114	116	60-140	2
Naphthalene	ug/L	990	4000	4000	4000	4650	5050	91	101	60-140	8
o-Xylene	ug/L	4930	4000	4000	4000	9870	9280	123	109	60-140	6
sec-Butylbenzene	ug/L	<80.0	4000	4000	4000	4350	4450	109	111	60-140	2
Styrene	ug/L	75.4J	4000	4000	4000	4790	4600	118	113	60-140	4
tert-Butylbenzene	ug/L	<64.6	4000	4000	4000	3700	3820	93	95	60-140	3
Tetrachloroethene	ug/L	<58.4	4000	4000	4000	4370	4440	109	111	60-140	2
Toluene	ug/L	28400	4000	4000	4000	32700	33200	109	121	60-140	1
trans-1,2-Dichloroethene	ug/L	<79.2	4000	4000	4000	4470	4610	112	115	60-140	3
trans-1,3-Dichloropropene	ug/L	<72.6	4000	4000	4000	4360	4590	109	115	60-140	5
Trichloroethene	ug/L	<76.6	4000	4000	4000	4490	4410	112	110	60-140	2
Trichlorofluoromethane	ug/L	<59.6	4000	4000	4000	4500	4490	113	112	60-140	0
Vinyl chloride	ug/L	<77.2	4000	4000	4000	4110	4170	103	104	60-140	2
1,2-Dichloroethane-d4 (S)	%							98	102	70-130	
4-Bromofluorobenzene (S)	%							102	101	70-130	
Toluene-d8 (S)	%							100	105	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531227

QC Batch: 611676

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531227003

METHOD BLANK: 3219802

Matrix: Water

Associated Lab Samples: 92531227003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/06/21 20:38	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/06/21 20:38	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/06/21 20:38	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/06/21 20:38	
1,1-Dichloroethane	ug/L	ND	0.50	04/06/21 20:38	
1,1-Dichloroethene	ug/L	ND	0.50	04/06/21 20:38	
1,1-Dichloropropene	ug/L	ND	0.50	04/06/21 20:38	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/06/21 20:38	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/06/21 20:38	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/06/21 20:38	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/06/21 20:38	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/06/21 20:38	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/06/21 20:38	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/06/21 20:38	
1,2-Dichloroethane	ug/L	ND	0.50	04/06/21 20:38	
1,2-Dichloropropane	ug/L	ND	0.50	04/06/21 20:38	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/06/21 20:38	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/06/21 20:38	
1,3-Dichloropropane	ug/L	ND	0.50	04/06/21 20:38	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/06/21 20:38	
2,2-Dichloropropane	ug/L	ND	0.50	04/06/21 20:38	
2-Chlorotoluene	ug/L	ND	0.50	04/06/21 20:38	
4-Chlorotoluene	ug/L	ND	0.50	04/06/21 20:38	
Benzene	ug/L	ND	0.50	04/06/21 20:38	
Bromobenzene	ug/L	ND	0.50	04/06/21 20:38	
Bromochloromethane	ug/L	ND	0.50	04/06/21 20:38	
Bromodichloromethane	ug/L	ND	0.50	04/06/21 20:38	
Bromoform	ug/L	ND	0.50	04/06/21 20:38	
Bromomethane	ug/L	ND	5.0	04/06/21 20:38	
Carbon tetrachloride	ug/L	ND	0.50	04/06/21 20:38	
Chlorobenzene	ug/L	ND	0.50	04/06/21 20:38	
Chloroethane	ug/L	ND	1.0	04/06/21 20:38	
Chloroform	ug/L	ND	0.50	04/06/21 20:38	
Chloromethane	ug/L	ND	1.0	04/06/21 20:38	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/06/21 20:38	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/06/21 20:38	
Dibromochloromethane	ug/L	ND	0.50	04/06/21 20:38	
Dibromomethane	ug/L	ND	0.50	04/06/21 20:38	
Dichlorodifluoromethane	ug/L	ND	0.50	04/06/21 20:38	
Diisopropyl ether	ug/L	ND	0.50	04/06/21 20:38	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)
Pace Project No.: 92531227

METHOD BLANK: 3219802

Matrix: Water

Associated Lab Samples: 92531227003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/06/21 20:38	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/06/21 20:38	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/06/21 20:38	
m&p-Xylene	ug/L	ND	1.0	04/06/21 20:38	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/06/21 20:38	
Methylene Chloride	ug/L	ND	2.0	04/06/21 20:38	
n-Butylbenzene	ug/L	ND	0.50	04/06/21 20:38	
n-Propylbenzene	ug/L	ND	0.50	04/06/21 20:38	
Naphthalene	ug/L	ND	2.0	04/06/21 20:38	
o-Xylene	ug/L	ND	0.50	04/06/21 20:38	
sec-Butylbenzene	ug/L	ND	0.50	04/06/21 20:38	
Styrene	ug/L	ND	0.50	04/06/21 20:38	
tert-Butylbenzene	ug/L	ND	0.50	04/06/21 20:38	
Tetrachloroethene	ug/L	ND	0.50	04/06/21 20:38	
Toluene	ug/L	ND	0.50	04/06/21 20:38	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/06/21 20:38	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/06/21 20:38	
Trichloroethene	ug/L	ND	0.50	04/06/21 20:38	
Trichlorofluoromethane	ug/L	ND	1.0	04/06/21 20:38	
Vinyl chloride	ug/L	ND	1.0	04/06/21 20:38	
1,2-Dichloroethane-d4 (S)	%	96	70-130	04/06/21 20:38	
4-Bromofluorobenzene (S)	%	97	70-130	04/06/21 20:38	
Toluene-d8 (S)	%	107	70-130	04/06/21 20:38	

LABORATORY CONTROL SAMPLE: 3219803

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.9	98	60-140	
1,1,1-Trichloroethane	ug/L	50	48.5	97	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.1	98	60-140	
1,1,2-Trichloroethane	ug/L	50	48.6	97	60-140	
1,1-Dichloroethane	ug/L	50	49.2	98	60-140	
1,1-Dichloroethene	ug/L	50	51.2	102	60-140	
1,1-Dichloropropene	ug/L	50	47.4	95	60-140	
1,2,3-Trichlorobenzene	ug/L	50	47.4	95	60-140	
1,2,3-Trichloropropane	ug/L	50	47.8	96	60-140	
1,2,4-Trichlorobenzene	ug/L	50	46.4	93	60-140	
1,2,4-Trimethylbenzene	ug/L	50	46.9	94	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	49.9	100	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	48.2	96	60-140	
1,2-Dichlorobenzene	ug/L	50	47.3	95	60-140	
1,2-Dichloroethane	ug/L	50	43.0	86	60-140	
1,2-Dichloropropane	ug/L	50	49.5	99	60-140	
1,3,5-Trimethylbenzene	ug/L	50	48.0	96	60-140	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531227

LABORATORY CONTROL SAMPLE: 3219803

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	48.6	97	60-140	
1,4-Dichlorobenzene	ug/L	50	48.4	97	60-140	
2,2-Dichloropropane	ug/L	50	44.8	90	60-140	
2-Chlorotoluene	ug/L	50	48.1	96	60-140	
4-Chlorotoluene	ug/L	50	46.6	93	60-140	
Benzene	ug/L	50	49.0	98	60-140	
Bromobenzene	ug/L	50	47.1	94	60-140	
Bromochloromethane	ug/L	50	49.5	99	60-140	
Bromodichloromethane	ug/L	50	49.5	99	60-140	
Bromoform	ug/L	50	51.3	103	60-140	
Bromomethane	ug/L	50	48.3	97	60-140	
Carbon tetrachloride	ug/L	50	48.6	97	60-140	
Chlorobenzene	ug/L	50	47.9	96	60-140	
Chloroethane	ug/L	50	41.5	83	60-140	
Chloroform	ug/L	50	43.0	86	60-140	
Chloromethane	ug/L	50	47.1	94	60-140	
cis-1,2-Dichloroethene	ug/L	50	48.9	98	60-140	
cis-1,3-Dichloropropene	ug/L	50	48.4	97	60-140	
Dibromochloromethane	ug/L	50	52.3	105	60-140	
Dibromomethane	ug/L	50	47.5	95	60-140	
Dichlorodifluoromethane	ug/L	50	43.3	87	60-140	
Diisopropyl ether	ug/L	50	44.5	89	60-140	
Ethylbenzene	ug/L	50	47.4	95	60-140	
Hexachloro-1,3-butadiene	ug/L	50	44.5	89	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.4	101	60-140	
m&p-Xylene	ug/L	100	97.3	97	60-140	
Methyl-tert-butyl ether	ug/L	50	44.8	90	60-140	
Methylene Chloride	ug/L	50	45.2	90	60-140	
n-Butylbenzene	ug/L	50	46.2	92	60-140	
n-Propylbenzene	ug/L	50	46.7	93	60-140	
Naphthalene	ug/L	50	48.0	96	60-140	
o-Xylene	ug/L	50	47.9	96	60-140	
sec-Butylbenzene	ug/L	50	47.1	94	60-140	
Styrene	ug/L	50	50.4	101	60-140	
tert-Butylbenzene	ug/L	50	40.6	81	60-140	
Tetrachloroethene	ug/L	50	47.2	94	60-140	
Toluene	ug/L	50	47.4	95	60-140	
trans-1,2-Dichloroethene	ug/L	50	49.3	99	60-140	
trans-1,3-Dichloropropene	ug/L	50	49.3	99	60-140	
Trichloroethene	ug/L	50	47.8	96	60-140	
Trichlorofluoromethane	ug/L	50	41.8	84	60-140	
Vinyl chloride	ug/L	50	47.5	95	60-140	
1,2-Dichloroethane-d4 (S)	%			91	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Toluene-d8 (S)	%			101	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531227

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3219804 3219805											
Parameter	Units	92531231003		MS	MSD	3219805		MS	MSD	% Rec	% Rec
		Result	Conc.	Spike	Spike	Result	Conc.	Result	Conc.		
										Limits	RPD
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20	19.2	21.1	96	106	60-140	10
1,1,1-Trichloroethane	ug/L	ND	20	20	20	19.9	21.4	99	107	60-140	7
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20	19.2	21.1	96	105	60-140	9
1,1,2-Trichloroethane	ug/L	ND	20	20	20	18.6	20.8	93	104	60-140	11
1,1-Dichloroethane	ug/L	ND	20	20	20	20.2	21.1	101	105	60-140	4
1,1-Dichloroethene	ug/L	ND	20	20	20	21.5	22.3	107	112	60-140	4
1,1-Dichloropropene	ug/L	ND	20	20	20	20.2	21.2	101	106	60-140	5
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20	21.1	21.8	105	109	60-140	4
1,2,3-Trichloropropane	ug/L	ND	20	20	20	18.3	20.3	92	101	60-140	10
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20	20.8	21.5	104	107	60-140	3
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20	19.7	21.7	99	108	60-140	9
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20	20.8	23.3	104	116	60-140	11
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20	19.1	20.8	96	104	60-140	8
1,2-Dichlorobenzene	ug/L	ND	20	20	20	18.5	20.6	93	103	60-140	11
1,2-Dichloroethane	ug/L	ND	20	20	20	17.3	18.6	86	93	60-140	8
1,2-Dichloropropane	ug/L	ND	20	20	20	19.5	21.4	98	107	60-140	9
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20	19.9	22.0	100	110	60-140	10
1,3-Dichlorobenzene	ug/L	ND	20	20	20	18.8	20.7	94	104	60-140	10
1,3-Dichloropropane	ug/L	ND	20	20	20	19.3	21.1	96	106	60-140	9
1,4-Dichlorobenzene	ug/L	ND	20	20	20	19.0	21.1	95	105	60-140	10
2,2-Dichloropropane	ug/L	ND	20	20	20	21.1	22.2	106	111	60-140	5
2-Chlorotoluene	ug/L	ND	20	20	20	19.5	21.8	97	109	60-140	11
4-Chlorotoluene	ug/L	ND	20	20	20	18.8	20.5	94	103	60-140	9
Benzene	ug/L	ND	20	20	20	19.1	21.0	95	105	60-140	10
Bromobenzene	ug/L	ND	20	20	20	19.1	21.2	95	106	60-140	10
Bromochloromethane	ug/L	ND	20	20	20	19.3	20.5	96	103	60-140	6
Bromodichloromethane	ug/L	ND	20	20	20	19.3	21.4	96	107	60-140	10
Bromoforn	ug/L	ND	20	20	20	19.4	20.9	97	104	60-140	7
Bromomethane	ug/L	ND	20	20	20	20.4	21.7	102	108	60-140	6
Carbon tetrachloride	ug/L	ND	20	20	20	20.1	21.9	101	109	60-140	8
Chlorobenzene	ug/L	ND	20	20	20	19.3	21.0	96	105	60-140	9
Chloroethane	ug/L	ND	20	20	20	20.3	21.2	102	106	60-140	4
Chloroform	ug/L	ND	20	20	20	17.3	18.4	87	92	60-140	6
Chloromethane	ug/L	ND	20	20	20	19.2	19.5	96	97	60-140	1
cis-1,2-Dichloroethene	ug/L	ND	20	20	20	20.1	21.6	101	108	60-140	7
cis-1,3-Dichloropropene	ug/L	ND	20	20	20	19.7	21.5	98	108	60-140	9
Dibromochloromethane	ug/L	ND	20	20	20	19.9	22.0	99	110	60-140	10
Dibromomethane	ug/L	ND	20	20	20	18.8	20.3	94	101	60-140	7
Dichlorodifluoromethane	ug/L	ND	20	20	20	13.6	13.9	68	70	60-140	2
Diisopropyl ether	ug/L	ND	20	20	20	17.8	19.3	89	96	60-140	8
Ethylbenzene	ug/L	ND	20	20	20	19.4	20.9	97	105	60-140	8
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20	22.5	23.3	112	117	60-140	4
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20	20.5	22.1	102	110	60-140	7
m&p-Xylene	ug/L	ND	40	40	40	39.3	42.9	98	107	60-140	9
Methyl-tert-butyl ether	ug/L	ND	20	20	20	17.9	19.0	89	95	60-140	6
Methylene Chloride	ug/L	ND	20	20	20	18.8	20.0	94	100	60-140	6

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531227

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3219804				3219805								
Parameter	92531231003		MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.								
n-Butylbenzene	ug/L	ND	20	20	20.4	22.1	102	111	60-140	8		
n-Propylbenzene	ug/L	ND	20	20	19.7	21.7	98	108	60-140	10		
Naphthalene	ug/L	ND	20	20	20.1	21.4	101	107	60-140	6		
o-Xylene	ug/L	ND	20	20	19.2	20.7	96	103	60-140	7		
sec-Butylbenzene	ug/L	ND	20	20	20.0	22.0	100	110	60-140	10		
Styrene	ug/L	ND	20	20	19.0	21.1	95	105	60-140	10		
tert-Butylbenzene	ug/L	ND	20	20	17.1	19.1	86	95	60-140	11		
Tetrachloroethene	ug/L	ND	20	20	20.2	21.2	101	106	60-140	5		
Toluene	ug/L	1.6	20	20	20.1	23.6	93	110	60-140	16		
trans-1,2-Dichloroethene	ug/L	ND	20	20	20.5	21.9	103	109	60-140	6		
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.6	21.8	98	109	60-140	10		
Trichloroethene	ug/L	ND	20	20	19.1	20.9	95	104	60-140	9		
Trichlorofluoromethane	ug/L	ND	20	20	18.3	19.7	92	98	60-140	7		
Vinyl chloride	ug/L	ND	20	20	18.2	19.0	91	95	60-140	4		
1,2-Dichloroethane-d4 (S)	%						102	101	70-130			
4-Bromofluorobenzene (S)	%						101	100	70-130			
Toluene-d8 (S)	%						99	101	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531227

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531227

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531227001	MW-42	MADEP VPH	611503		
92531227002	MW-66	MADEP VPH	611503		
92531227003	MW-67	MADEP VPH	611503		
92531227004	MW-68	MADEP VPH	611503		
92531227001	MW-42	EPA 3010A	611594	EPA 6010D	611623
92531227002	MW-66	EPA 3010A	611594	EPA 6010D	611623
92531227003	MW-67	EPA 3010A	611594	EPA 6010D	611623
92531227004	MW-68	EPA 3010A	611594	EPA 6010D	611623
92531227001	MW-42	SM 6200B	611675		
92531227002	MW-66	SM 6200B	611675		
92531227003	MW-67	SM 6200B	611676		
92531227004	MW-68	SM 6200B	611675		
92531227005	Trip Blank	SM 6200B	611675		

REPORT OF LABORATORY ANALYSIS

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Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐Sample Condition
Upon Receipt

Client Name:

AECOM

Project #

WO#: 92531227



92531227

Courier:

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

Custody Seal Present?

☐ Yes☒ No

Seals Intact?

☐ Yes☒ No

Date/Initials Person Examining Contents:

MS 4-5-21

Packing Material:

☐ Bubble Wrap☒ Bubble Bags☐ None☐ Other

Thermometer:

☒ IR Gun ID:

9210064

Type of Ice:

☒ Wet☐ Blue☐ None

Biological Tissue Frozen?

☐ Yes☐ No☒ N/A

Cooler Temp:

5.3

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):

5.3

USDA Regulated Soil (☐ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?

☐ Yes ☐ NoDid 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/AContainers 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: 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#: 92531227

PM: NMG

Due Date: 04/12/21

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 Na2SO3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-S03S kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1																67													
2																67													
3																67													
4																67													
5																2													
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 09, 2021

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

RE: Project: CPC Huntersville (4/5/21)
Pace Project No.: 92531231

Dear Andrew Wreschnig:

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

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CERTIFICATIONS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531231

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531231

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531231001	MW-14D	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531231002	MW-62	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531231003	MW-73	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531231004	MW-86	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531231005	Trip Blank	SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531231

Sample: MW-14D		Lab ID: 92531231001		Collected: 04/05/21 13:45		Received: 04/05/21 16:30		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		04/06/21 17:04		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/06/21 17:04		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/06/21 17:04		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/06/21 17:04		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	94	%	70-130	1		04/06/21 17:04	460-00-4		
4-Bromofluorobenzene (PID) (S)	91	%	70-130	1		04/06/21 17:04	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	143	ug/L	5.0	1	04/06/21 01:25	04/08/21 17:34	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/07/21 13:36	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/07/21 13:36	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/07/21 13:36	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/07/21 13:36	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/07/21 13:36	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/07/21 13:36	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/07/21 13:36	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/07/21 13:36	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/07/21 13:36	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/07/21 13:36	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/07/21 13:36	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/07/21 13:36	75-00-3		
Chloroform	0.97	ug/L	0.50	1		04/07/21 13:36	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/07/21 13:36	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 13:36	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 13:36	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/07/21 13:36	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/07/21 13:36	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/07/21 13:36	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/07/21 13:36	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 13:36	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 13:36	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 13:36	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/07/21 13:36	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/07/21 13:36	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/07/21 13:36	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/07/21 13:36	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 13:36	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 13:36	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 13:36	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/07/21 13:36	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 13:36	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531231

Sample: MW-14D		Lab ID: 92531231001	Collected: 04/05/21 13:45	Received: 04/05/21 16:30	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		04/07/21 13:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 13:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 13:36	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/07/21 13:36	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/07/21 13:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/07/21 13:36	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/07/21 13:36	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/07/21 13:36	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/07/21 13:36	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/07/21 13:36	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/07/21 13:36	103-65-1	
Styrene	ND	ug/L	0.50	1		04/07/21 13:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 13:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 13:36	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		04/07/21 13:36	127-18-4	
Toluene	ND	ug/L	0.50	1		04/07/21 13:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 13:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 13:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/07/21 13:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/07/21 13:36	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		04/07/21 13:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/07/21 13:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/07/21 13:36	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 13:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 13:36	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		04/07/21 13:36	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		04/07/21 13:36	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		04/07/21 13:36	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		04/07/21 13:36	17060-07-0	
4-Bromofluorobenzene (S)	102	%	70-130	1		04/07/21 13:36	460-00-4	
Toluene-d8 (S)	102	%	70-130	1		04/07/21 13:36	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531231

Sample: MW-62		Lab ID: 92531231002		Collected: 04/05/21 11:40		Received: 04/05/21 16:30		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		04/06/21 17:33		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/06/21 17:33		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/06/21 17:33		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/06/21 17:33		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	90	%	70-130	1		04/06/21 17:33	460-00-4		
4-Bromofluorobenzene (PID) (S)	87	%	70-130	1		04/06/21 17:33	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	26.0	ug/L	5.0	1	04/06/21 01:25	04/08/21 17:37	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/06/21 23:56	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/06/21 23:56	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/06/21 23:56	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/06/21 23:56	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/06/21 23:56	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/06/21 23:56	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/06/21 23:56	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/06/21 23:56	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/06/21 23:56	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/06/21 23:56	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/06/21 23:56	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/06/21 23:56	75-00-3		
Chloroform	2.3	ug/L	0.50	1		04/06/21 23:56	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/06/21 23:56	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 23:56	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 23:56	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/06/21 23:56	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/06/21 23:56	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/06/21 23:56	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/06/21 23:56	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 23:56	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 23:56	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 23:56	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/06/21 23:56	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/06/21 23:56	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/06/21 23:56	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/06/21 23:56	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 23:56	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 23:56	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 23:56	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/06/21 23:56	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 23:56	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531231

Sample: MW-62		Lab ID: 92531231002	Collected: 04/05/21 11:40	Received: 04/05/21 16:30	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		04/06/21 23:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 23:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 23:56	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/06/21 23:56	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/06/21 23:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/06/21 23:56	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/06/21 23:56	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/06/21 23:56	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/06/21 23:56	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/06/21 23:56	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/06/21 23:56	103-65-1	
Styrene	ND	ug/L	0.50	1		04/06/21 23:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 23:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 23:56	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		04/06/21 23:56	127-18-4	
Toluene	ND	ug/L	0.50	1		04/06/21 23:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 23:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 23:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/06/21 23:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/06/21 23:56	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		04/06/21 23:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/06/21 23:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/06/21 23:56	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 23:56	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 23:56	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		04/06/21 23:56	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		04/06/21 23:56	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		04/06/21 23:56	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		04/06/21 23:56	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130	1		04/06/21 23:56	460-00-4	
Toluene-d8 (S)	100	%	70-130	1		04/06/21 23:56	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531231

Sample: MW-73		Lab ID: 92531231003		Collected: 04/05/21 09:50		Received: 04/05/21 16:30		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		04/06/21 18:01		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/06/21 18:01		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/06/21 18:01		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/06/21 18:01		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130	1		04/06/21 18:01	460-00-4		
4-Bromofluorobenzene (PID) (S)	93	%	70-130	1		04/06/21 18:01	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	8.5	ug/L	5.0	1	04/06/21 01:25	04/08/21 17:40	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/07/21 00:32	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/07/21 00:32	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/07/21 00:32	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/07/21 00:32	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/07/21 00:32	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/07/21 00:32	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/07/21 00:32	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/07/21 00:32	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/07/21 00:32	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/07/21 00:32	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/07/21 00:32	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/07/21 00:32	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/07/21 00:32	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/07/21 00:32	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 00:32	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 00:32	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/07/21 00:32	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/07/21 00:32	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/07/21 00:32	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/07/21 00:32	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 00:32	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 00:32	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 00:32	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/07/21 00:32	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/07/21 00:32	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/07/21 00:32	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/07/21 00:32	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 00:32	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 00:32	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 00:32	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/07/21 00:32	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 00:32	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531231

Sample: MW-73		Lab ID: 92531231003		Collected: 04/05/21 09:50		Received: 04/05/21 16:30		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		04/07/21 00:32	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 00:32	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 00:32	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/07/21 00:32	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/07/21 00:32	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/07/21 00:32	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/07/21 00:32	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/07/21 00:32	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/07/21 00:32	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/07/21 00:32	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/07/21 00:32	103-65-1		
Styrene	ND	ug/L	0.50	1		04/07/21 00:32	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 00:32	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 00:32	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/07/21 00:32	127-18-4		
Toluene	1.6	ug/L	0.50	1		04/07/21 00:32	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 00:32	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 00:32	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/07/21 00:32	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/07/21 00:32	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/07/21 00:32	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/07/21 00:32	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/07/21 00:32	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 00:32	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 00:32	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/07/21 00:32	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/07/21 00:32	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/07/21 00:32	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		04/07/21 00:32	17060-07-0		
4-Bromofluorobenzene (S)	94	%	70-130	1		04/07/21 00:32	460-00-4		
Toluene-d8 (S)	101	%	70-130	1		04/07/21 00:32	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531231

Sample: MW-86		Lab ID: 92531231004		Collected: 04/05/21 15:10		Received: 04/05/21 16:30		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		04/06/21 18:30	N2	
	Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/06/21 18:30	N2	
	Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/06/21 18:30	N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/06/21 18:30	N2		
Surrogates									
4-Bromofluorobenzene (FID) (S)	94	%	70-130	1		04/06/21 18:30	460-00-4		
4-Bromofluorobenzene (PID) (S)	91	%	70-130	1		04/06/21 18:30	460-00-4		
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	175	ug/L	5.0	1	04/06/21 01:25	04/08/21 17:43	7439-92-1		
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	1		04/07/21 00:14	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/07/21 00:14	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/07/21 00:14	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/07/21 00:14	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/07/21 00:14	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/07/21 00:14	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/07/21 00:14	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/07/21 00:14	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/07/21 00:14	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/07/21 00:14	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/07/21 00:14	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/07/21 00:14	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/07/21 00:14	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/07/21 00:14	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 00:14	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 00:14	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/07/21 00:14	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/07/21 00:14	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/07/21 00:14	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/07/21 00:14	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 00:14	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 00:14	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 00:14	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/07/21 00:14	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/07/21 00:14	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/07/21 00:14	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/07/21 00:14	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 00:14	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 00:14	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 00:14	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/07/21 00:14	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 00:14	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531231

Sample: MW-86		Lab ID: 92531231004		Collected: 04/05/21 15:10		Received: 04/05/21 16:30		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		04/07/21 00:14	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 00:14	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 00:14	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/07/21 00:14	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/07/21 00:14	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/07/21 00:14	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/07/21 00:14	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/07/21 00:14	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/07/21 00:14	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/07/21 00:14	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/07/21 00:14	103-65-1		
Styrene	ND	ug/L	0.50	1		04/07/21 00:14	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 00:14	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 00:14	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/07/21 00:14	127-18-4		
Toluene	ND	ug/L	0.50	1		04/07/21 00:14	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 00:14	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 00:14	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/07/21 00:14	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/07/21 00:14	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/07/21 00:14	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/07/21 00:14	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/07/21 00:14	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 00:14	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 00:14	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/07/21 00:14	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/07/21 00:14	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/07/21 00:14	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		04/07/21 00:14	17060-07-0		
4-Bromofluorobenzene (S)	103	%	70-130	1		04/07/21 00:14	460-00-4		
Toluene-d8 (S)	101	%	70-130	1		04/07/21 00:14	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531231

Sample: Trip Blank		Lab ID: 92531231005	Collected: 04/05/21 00:00	Received: 04/05/21 16:30	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		04/06/21 13:07	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		04/06/21 13:07	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		04/06/21 13:07	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		04/06/21 13:07	75-27-4	
Bromoform	ND	ug/L	0.50	1		04/06/21 13:07	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/06/21 13:07	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		04/06/21 13:07	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		04/06/21 13:07	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		04/06/21 13:07	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		04/06/21 13:07	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		04/06/21 13:07	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/06/21 13:07	75-00-3	
Chloroform	ND	ug/L	0.50	1		04/06/21 13:07	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/06/21 13:07	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 13:07	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 13:07	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/06/21 13:07	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		04/06/21 13:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/06/21 13:07	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		04/06/21 13:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 13:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 13:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 13:07	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/06/21 13:07	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		04/06/21 13:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		04/06/21 13:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		04/06/21 13:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 13:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 13:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 13:07	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		04/06/21 13:07	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 13:07	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		04/06/21 13:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 13:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 13:07	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/06/21 13:07	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/06/21 13:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/06/21 13:07	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/06/21 13:07	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/06/21 13:07	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/06/21 13:07	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/06/21 13:07	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/06/21 13:07	103-65-1	
Styrene	ND	ug/L	0.50	1		04/06/21 13:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 13:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 13:07	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531231

Sample: Trip Blank		Lab ID: 92531231005		Collected: 04/05/21 00:00		Received: 04/05/21 16:30		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			04/06/21 13:07	127-18-4	
Toluene	ND	ug/L	0.50	1			04/06/21 13:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1			04/06/21 13:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1			04/06/21 13:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1			04/06/21 13:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1			04/06/21 13:07	79-00-5	
Trichloroethene	ND	ug/L	0.50	1			04/06/21 13:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1			04/06/21 13:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1			04/06/21 13:07	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1			04/06/21 13:07	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1			04/06/21 13:07	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1			04/06/21 13:07	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1			04/06/21 13:07	179601-23-1	
o-Xylene	ND	ug/L	0.50	1			04/06/21 13:07	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130	1			04/06/21 13:07	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130	1			04/06/21 13:07	460-00-4	
Toluene-d8 (S)	105	%	70-130	1			04/06/21 13:07	2037-26-5	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531231

QC Batch:	611760	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92531231001, 92531231002, 92531231003, 92531231004

METHOD BLANK: 3220233 Matrix: Water
Associated Lab Samples: 92531231001, 92531231002, 92531231003, 92531231004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/06/21 15:39	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/06/21 15:39	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/06/21 15:39	N2
4-Bromofluorobenzene (FID) (S)	%	92	70-130	04/06/21 15:39	
4-Bromofluorobenzene (PID) (S)	%	89	70-130	04/06/21 15:39	

LABORATORY CONTROL SAMPLE & LCSD: 3220234

LABORATORY CONTROL SAMPLE & LCSD: 3220234			3220235							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	291	278	97	93	70-130	5	25	N2
Aliphatic (C09-C12)	ug/L	300	341	330	114	110	70-130	3	25	N2
Aromatic (C09-C10)	ug/L	100	96.8	94.5	97	95	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				95	94	70-130			
4-Bromofluorobenzene (PID) (S)	%				90	89	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531231

QC Batch: 611595

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92531231001, 92531231002, 92531231003, 92531231004

METHOD BLANK: 3219644

Matrix: Water

Associated Lab Samples: 92531231001, 92531231002, 92531231003, 92531231004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/08/21 17:14	

LABORATORY CONTROL SAMPLE: 3219645

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	493	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3219646 3219647

Parameter	Units	92531181001 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	477	481	95	96	75-125	1	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)
Pace Project No.: 92531231

QC Batch:	611675	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92531231005

METHOD BLANK: 3219796 Matrix: Water

Associated Lab Samples: 92531231005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/06/21 10:43	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/06/21 10:43	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/06/21 10:43	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/06/21 10:43	
1,1-Dichloroethane	ug/L	ND	0.50	04/06/21 10:43	
1,1-Dichloroethene	ug/L	ND	0.50	04/06/21 10:43	
1,1-Dichloropropene	ug/L	ND	0.50	04/06/21 10:43	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/06/21 10:43	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/06/21 10:43	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/06/21 10:43	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/06/21 10:43	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/06/21 10:43	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/06/21 10:43	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/06/21 10:43	
1,2-Dichloroethane	ug/L	ND	0.50	04/06/21 10:43	
1,2-Dichloropropane	ug/L	ND	0.50	04/06/21 10:43	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/06/21 10:43	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/06/21 10:43	
1,3-Dichloropropane	ug/L	ND	0.50	04/06/21 10:43	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/06/21 10:43	
2,2-Dichloropropane	ug/L	ND	0.50	04/06/21 10:43	
2-Chlorotoluene	ug/L	ND	0.50	04/06/21 10:43	
4-Chlorotoluene	ug/L	ND	0.50	04/06/21 10:43	
Benzene	ug/L	ND	0.50	04/06/21 10:43	
Bromobenzene	ug/L	ND	0.50	04/06/21 10:43	
Bromochloromethane	ug/L	ND	0.50	04/06/21 10:43	
Bromodichloromethane	ug/L	ND	0.50	04/06/21 10:43	
Bromoform	ug/L	ND	0.50	04/06/21 10:43	
Bromomethane	ug/L	ND	5.0	04/06/21 10:43	
Carbon tetrachloride	ug/L	ND	0.50	04/06/21 10:43	
Chlorobenzene	ug/L	ND	0.50	04/06/21 10:43	
Chloroethane	ug/L	ND	1.0	04/06/21 10:43	
Chloroform	ug/L	ND	0.50	04/06/21 10:43	
Chloromethane	ug/L	ND	1.0	04/06/21 10:43	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/06/21 10:43	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/06/21 10:43	
Dibromochloromethane	ug/L	ND	0.50	04/06/21 10:43	
Dibromomethane	ug/L	ND	0.50	04/06/21 10:43	
Dichlorodifluoromethane	ug/L	ND	0.50	04/06/21 10:43	
Diisopropyl ether	ug/L	ND	0.50	04/06/21 10:43	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531231

METHOD BLANK: 3219796

Matrix: Water

Associated Lab Samples: 92531231005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/06/21 10:43	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/06/21 10:43	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/06/21 10:43	
m&p-Xylene	ug/L	ND	1.0	04/06/21 10:43	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/06/21 10:43	
Methylene Chloride	ug/L	ND	2.0	04/06/21 10:43	
n-Butylbenzene	ug/L	ND	0.50	04/06/21 10:43	
n-Propylbenzene	ug/L	ND	0.50	04/06/21 10:43	
Naphthalene	ug/L	ND	2.0	04/06/21 10:43	
o-Xylene	ug/L	ND	0.50	04/06/21 10:43	
sec-Butylbenzene	ug/L	ND	0.50	04/06/21 10:43	
Styrene	ug/L	ND	0.50	04/06/21 10:43	
tert-Butylbenzene	ug/L	ND	0.50	04/06/21 10:43	
Tetrachloroethene	ug/L	ND	0.50	04/06/21 10:43	
Toluene	ug/L	ND	0.50	04/06/21 10:43	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/06/21 10:43	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/06/21 10:43	
Trichloroethene	ug/L	ND	0.50	04/06/21 10:43	
Trichlorofluoromethane	ug/L	ND	1.0	04/06/21 10:43	
Vinyl chloride	ug/L	ND	1.0	04/06/21 10:43	
1,2-Dichloroethane-d4 (S)	%	99	70-130	04/06/21 10:43	
4-Bromofluorobenzene (S)	%	98	70-130	04/06/21 10:43	
Toluene-d8 (S)	%	104	70-130	04/06/21 10:43	

LABORATORY CONTROL SAMPLE: 3219797

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.6	103	60-140	
1,1,1-Trichloroethane	ug/L	50	50.9	102	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	51.0	102	60-140	
1,1,2-Trichloroethane	ug/L	50	50.7	101	60-140	
1,1-Dichloroethane	ug/L	50	51.2	102	60-140	
1,1-Dichloroethene	ug/L	50	53.9	108	60-140	
1,1-Dichloropropene	ug/L	50	51.1	102	60-140	
1,2,3-Trichlorobenzene	ug/L	50	50.4	101	60-140	
1,2,3-Trichloropropane	ug/L	50	49.4	99	60-140	
1,2,4-Trichlorobenzene	ug/L	50	50.1	100	60-140	
1,2,4-Trimethylbenzene	ug/L	50	50.8	102	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	51.7	103	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	49.7	99	60-140	
1,2-Dichlorobenzene	ug/L	50	48.6	97	60-140	
1,2-Dichloroethane	ug/L	50	44.4	89	60-140	
1,2-Dichloropropane	ug/L	50	52.2	104	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.9	102	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531231

LABORATORY CONTROL SAMPLE: 3219797

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	50.3	101	60-140	
1,3-Dichloropropane	ug/L	50	50.2	100	60-140	
1,4-Dichlorobenzene	ug/L	50	50.7	101	60-140	
2,2-Dichloropropane	ug/L	50	53.2	106	60-140	
2-Chlorotoluene	ug/L	50	50.6	101	60-140	
4-Chlorotoluene	ug/L	50	48.6	97	60-140	
Benzene	ug/L	50	50.9	102	60-140	
Bromobenzene	ug/L	50	48.9	98	60-140	
Bromochloromethane	ug/L	50	51.2	102	60-140	
Bromodichloromethane	ug/L	50	52.5	105	60-140	
Bromoform	ug/L	50	53.4	107	60-140	
Bromomethane	ug/L	50	47.3	95	60-140	
Carbon tetrachloride	ug/L	50	53.0	106	60-140	
Chlorobenzene	ug/L	50	50.8	102	60-140	
Chloroethane	ug/L	50	41.7	83	60-140	
Chloroform	ug/L	50	44.7	89	60-140	
Chloromethane	ug/L	50	48.9	98	60-140	
cis-1,2-Dichloroethene	ug/L	50	51.3	103	60-140	
cis-1,3-Dichloropropene	ug/L	50	53.9	108	60-140	
Dibromochloromethane	ug/L	50	53.5	107	60-140	
Dibromomethane	ug/L	50	50.5	101	60-140	
Dichlorodifluoromethane	ug/L	50	47.2	94	60-140	
Diisopropyl ether	ug/L	50	46.5	93	60-140	
Ethylbenzene	ug/L	50	50.8	102	60-140	
Hexachloro-1,3-butadiene	ug/L	50	51.1	102	60-140	
Isopropylbenzene (Cumene)	ug/L	50	54.2	108	60-140	
m&p-Xylene	ug/L	100	104	104	60-140	
Methyl-tert-butyl ether	ug/L	50	46.3	93	60-140	
Methylene Chloride	ug/L	50	46.8	94	60-140	
n-Butylbenzene	ug/L	50	51.8	104	60-140	
n-Propylbenzene	ug/L	50	49.4	99	60-140	
Naphthalene	ug/L	50	49.4	99	60-140	
o-Xylene	ug/L	50	50.8	102	60-140	
sec-Butylbenzene	ug/L	50	50.1	100	60-140	
Styrene	ug/L	50	53.7	107	60-140	
tert-Butylbenzene	ug/L	50	42.9	86	60-140	
Tetrachloroethene	ug/L	50	51.8	104	60-140	
Toluene	ug/L	50	50.3	101	60-140	
trans-1,2-Dichloroethene	ug/L	50	51.9	104	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.5	107	60-140	
Trichloroethene	ug/L	50	50.5	101	60-140	
Trichlorofluoromethane	ug/L	50	43.2	86	60-140	
Vinyl chloride	ug/L	50	50.3	101	60-140	
1,2-Dichloroethane-d4 (S)	%			93	70-130	
4-Bromofluorobenzene (S)	%			105	70-130	
Toluene-d8 (S)	%			102	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531231

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3219798 3219799											
Parameter	Units	92531085002		MS	MSD	MS		MSD	% Rec		Qual
		Result	Conc.	Spike	Spike	Result	Result	Result	% Rec	Limits	
1,1,1,2-Tetrachloroethane	ug/L	<62.2	4000	4000	4000	4350	4390	4390	109	110	1
1,1,1-Trichloroethane	ug/L	<66.4	4000	4000	4000	4410	4670	4670	110	117	6
1,1,2,2-Tetrachloroethane	ug/L	<45.0	4000	4000	4000	4230	4190	4190	106	105	1
1,1,2-Trichloroethane	ug/L	<65.0	4000	4000	4000	4360	4490	4490	109	112	3
1,1-Dichloroethane	ug/L	<73.4	4000	4000	4000	4380	4490	4490	109	112	3
1,1-Dichloroethene	ug/L	<69.6	4000	4000	4000	4750	4760	4760	119	119	0
1,1-Dichloropropene	ug/L	<85.4	4000	4000	4000	4480	4600	4600	112	115	3
1,2,3-Trichlorobenzene	ug/L	<161	4000	4000	4000	3920	4220	4220	98	106	7
1,2,3-Trichloropropane	ug/L	<52.2	4000	4000	4000	4150	4050	4050	104	101	2
1,2,4-Trichlorobenzene	ug/L	<128	4000	4000	4000	3900	4180	4180	98	104	7
1,2,4-Trimethylbenzene	ug/L	2730	4000	4000	4000	7040	7140	7140	108	110	1
1,2-Dibromo-3-chloropropane	ug/L	<68.0	4000	4000	4000	3990	4320	4320	100	108	8
1,2-Dibromoethane (EDB)	ug/L	673	4000	4000	4000	5080	5020	5020	110	109	1
1,2-Dichlorobenzene	ug/L	<67.8	4000	4000	4000	4140	4120	4120	103	103	0
1,2-Dichloroethane	ug/L	195	4000	4000	4000	4030	4110	4110	96	98	2
1,2-Dichloropropane	ug/L	<71.0	4000	4000	4000	4510	4470	4470	113	112	1
1,3,5-Trimethylbenzene	ug/L	<66.4	4000	4000	4000	5090	5240	5240	127	131	3
1,3-Dichlorobenzene	ug/L	<68.0	4000	4000	4000	4200	4330	4330	105	108	3
1,3-Dichloropropane	ug/L	<56.8	4000	4000	4000	4350	4310	4310	109	108	1
1,4-Dichlorobenzene	ug/L	<66.6	4000	4000	4000	4280	4340	4340	107	108	1
2,2-Dichloropropane	ug/L	<77.6	4000	4000	4000	4110	4130	4130	103	103	0
2-Chlorotoluene	ug/L	<64.2	4000	4000	4000	4520	4500	4500	113	113	0
4-Chlorotoluene	ug/L	<64.8	4000	4000	4000	4170	4290	4290	104	107	3
Benzene	ug/L	15300	4000	4000	4000	19900	19300	19300	116	100	3
Bromobenzene	ug/L	<58.0	4000	4000	4000	4250	4360	4360	106	109	3
Bromochloromethane	ug/L	<93.6	4000	4000	4000	4310	4390	4390	108	110	2
Bromodichloromethane	ug/L	<61.4	4000	4000	4000	4430	4430	4430	111	111	0
Bromoform	ug/L	<68.2	4000	4000	4000	4380	4250	4250	110	106	3
Bromomethane	ug/L	<332	4000	4000	4000	4860	4690	4690	122	117	4
Carbon tetrachloride	ug/L	<66.6	4000	4000	4000	4630	4670	4670	116	117	1
Chlorobenzene	ug/L	<56.8	4000	4000	4000	4430	4380	4380	111	110	1
Chloroethane	ug/L	<130	4000	4000	4000	4970	4800	4800	124	120	3
Chloroform	ug/L	<70.6	4000	4000	4000	3810	3860	3860	95	97	1
Chloromethane	ug/L	<108	4000	4000	4000	3970	4100	4100	99	102	3
cis-1,2-Dichloroethene	ug/L	<76.8	4000	4000	4000	4420	4570	4570	110	114	3
cis-1,3-Dichloropropene	ug/L	<73.0	4000	4000	4000	4410	4400	4400	110	110	0
Dibromochloromethane	ug/L	<71.8	4000	4000	4000	4580	4530	4530	115	113	1
Dibromomethane	ug/L	<78.8	4000	4000	4000	4300	4230	4230	108	106	2
Dichlorodifluoromethane	ug/L	<69.2	4000	4000	4000	3560	3680	3680	89	92	3
Diisopropyl ether	ug/L	<61.6	4000	4000	4000	3970	4110	4110	98	102	4
Ethylbenzene	ug/L	2220	4000	4000	4000	6600	6590	6590	109	109	0
Hexachloro-1,3-butadiene	ug/L	<306	4000	4000	4000	4040	4180	4180	101	105	4
Isopropylbenzene (Cumene)	ug/L	106	4000	4000	4000	4690	4720	4720	115	115	1
m&p-Xylene	ug/L	10100	8000	8000	8000	19100	18800	18800	113	110	1
Methyl-tert-butyl ether	ug/L	<84.4	4000	4000	4000	3920	4060	4060	97	100	3
Methylene Chloride	ug/L	<390	4000	4000	4000	4150	4190	4190	104	105	1

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531231

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3219798 3219799											
Parameter	Units	92531085002		MS	MSD	MS		MSD	% Rec		Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
n-Butylbenzene	ug/L	<98.0	4000	4000	4000	4210	4170	105	104	60-140	1
n-Propylbenzene	ug/L	<68.0	4000	4000	4000	4550	4640	114	116	60-140	2
Naphthalene	ug/L	990	4000	4000	4000	4650	5050	91	101	60-140	8
o-Xylene	ug/L	4930	4000	4000	4000	9870	9280	123	109	60-140	6
sec-Butylbenzene	ug/L	<80.0	4000	4000	4000	4350	4450	109	111	60-140	2
Styrene	ug/L	75.4J	4000	4000	4000	4790	4600	118	113	60-140	4
tert-Butylbenzene	ug/L	<64.6	4000	4000	4000	3700	3820	93	95	60-140	3
Tetrachloroethene	ug/L	<58.4	4000	4000	4000	4370	4440	109	111	60-140	2
Toluene	ug/L	28400	4000	4000	4000	32700	33200	109	121	60-140	1
trans-1,2-Dichloroethene	ug/L	<79.2	4000	4000	4000	4470	4610	112	115	60-140	3
trans-1,3-Dichloropropene	ug/L	<72.6	4000	4000	4000	4360	4590	109	115	60-140	5
Trichloroethene	ug/L	<76.6	4000	4000	4000	4490	4410	112	110	60-140	2
Trichlorofluoromethane	ug/L	<59.6	4000	4000	4000	4500	4490	113	112	60-140	0
Vinyl chloride	ug/L	<77.2	4000	4000	4000	4110	4170	103	104	60-140	2
1,2-Dichloroethane-d4 (S)	%							98	102	70-130	
4-Bromofluorobenzene (S)	%							102	101	70-130	
Toluene-d8 (S)	%							100	105	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531231

QC Batch: 611676

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531231002, 92531231003, 92531231004

METHOD BLANK: 3219802

Matrix: Water

Associated Lab Samples: 92531231002, 92531231003, 92531231004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/06/21 20:38	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/06/21 20:38	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/06/21 20:38	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/06/21 20:38	
1,1-Dichloroethane	ug/L	ND	0.50	04/06/21 20:38	
1,1-Dichloroethene	ug/L	ND	0.50	04/06/21 20:38	
1,1-Dichloropropene	ug/L	ND	0.50	04/06/21 20:38	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/06/21 20:38	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/06/21 20:38	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/06/21 20:38	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/06/21 20:38	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/06/21 20:38	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/06/21 20:38	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/06/21 20:38	
1,2-Dichloroethane	ug/L	ND	0.50	04/06/21 20:38	
1,2-Dichloropropane	ug/L	ND	0.50	04/06/21 20:38	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/06/21 20:38	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/06/21 20:38	
1,3-Dichloropropane	ug/L	ND	0.50	04/06/21 20:38	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/06/21 20:38	
2,2-Dichloropropane	ug/L	ND	0.50	04/06/21 20:38	
2-Chlorotoluene	ug/L	ND	0.50	04/06/21 20:38	
4-Chlorotoluene	ug/L	ND	0.50	04/06/21 20:38	
Benzene	ug/L	ND	0.50	04/06/21 20:38	
Bromobenzene	ug/L	ND	0.50	04/06/21 20:38	
Bromochloromethane	ug/L	ND	0.50	04/06/21 20:38	
Bromodichloromethane	ug/L	ND	0.50	04/06/21 20:38	
Bromoform	ug/L	ND	0.50	04/06/21 20:38	
Bromomethane	ug/L	ND	5.0	04/06/21 20:38	
Carbon tetrachloride	ug/L	ND	0.50	04/06/21 20:38	
Chlorobenzene	ug/L	ND	0.50	04/06/21 20:38	
Chloroethane	ug/L	ND	1.0	04/06/21 20:38	
Chloroform	ug/L	ND	0.50	04/06/21 20:38	
Chloromethane	ug/L	ND	1.0	04/06/21 20:38	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/06/21 20:38	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/06/21 20:38	
Dibromochloromethane	ug/L	ND	0.50	04/06/21 20:38	
Dibromomethane	ug/L	ND	0.50	04/06/21 20:38	
Dichlorodifluoromethane	ug/L	ND	0.50	04/06/21 20:38	
Diisopropyl ether	ug/L	ND	0.50	04/06/21 20:38	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531231

METHOD BLANK: 3219802

Matrix: Water

Associated Lab Samples: 92531231002, 92531231003, 92531231004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/06/21 20:38	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/06/21 20:38	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/06/21 20:38	
m&p-Xylene	ug/L	ND	1.0	04/06/21 20:38	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/06/21 20:38	
Methylene Chloride	ug/L	ND	2.0	04/06/21 20:38	
n-Butylbenzene	ug/L	ND	0.50	04/06/21 20:38	
n-Propylbenzene	ug/L	ND	0.50	04/06/21 20:38	
Naphthalene	ug/L	ND	2.0	04/06/21 20:38	
o-Xylene	ug/L	ND	0.50	04/06/21 20:38	
sec-Butylbenzene	ug/L	ND	0.50	04/06/21 20:38	
Styrene	ug/L	ND	0.50	04/06/21 20:38	
tert-Butylbenzene	ug/L	ND	0.50	04/06/21 20:38	
Tetrachloroethene	ug/L	ND	0.50	04/06/21 20:38	
Toluene	ug/L	ND	0.50	04/06/21 20:38	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/06/21 20:38	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/06/21 20:38	
Trichloroethene	ug/L	ND	0.50	04/06/21 20:38	
Trichlorofluoromethane	ug/L	ND	1.0	04/06/21 20:38	
Vinyl chloride	ug/L	ND	1.0	04/06/21 20:38	
1,2-Dichloroethane-d4 (S)	%	96	70-130	04/06/21 20:38	
4-Bromofluorobenzene (S)	%	97	70-130	04/06/21 20:38	
Toluene-d8 (S)	%	107	70-130	04/06/21 20:38	

LABORATORY CONTROL SAMPLE: 3219803

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.9	98	60-140	
1,1,1-Trichloroethane	ug/L	50	48.5	97	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.1	98	60-140	
1,1,2-Trichloroethane	ug/L	50	48.6	97	60-140	
1,1-Dichloroethane	ug/L	50	49.2	98	60-140	
1,1-Dichloroethene	ug/L	50	51.2	102	60-140	
1,1-Dichloropropene	ug/L	50	47.4	95	60-140	
1,2,3-Trichlorobenzene	ug/L	50	47.4	95	60-140	
1,2,3-Trichloropropane	ug/L	50	47.8	96	60-140	
1,2,4-Trichlorobenzene	ug/L	50	46.4	93	60-140	
1,2,4-Trimethylbenzene	ug/L	50	46.9	94	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	49.9	100	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	48.2	96	60-140	
1,2-Dichlorobenzene	ug/L	50	47.3	95	60-140	
1,2-Dichloroethane	ug/L	50	43.0	86	60-140	
1,2-Dichloropropane	ug/L	50	49.5	99	60-140	
1,3,5-Trimethylbenzene	ug/L	50	48.0	96	60-140	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531231

LABORATORY CONTROL SAMPLE: 3219803

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	48.6	97	60-140	
1,4-Dichlorobenzene	ug/L	50	48.4	97	60-140	
2,2-Dichloropropane	ug/L	50	44.8	90	60-140	
2-Chlorotoluene	ug/L	50	48.1	96	60-140	
4-Chlorotoluene	ug/L	50	46.6	93	60-140	
Benzene	ug/L	50	49.0	98	60-140	
Bromobenzene	ug/L	50	47.1	94	60-140	
Bromochloromethane	ug/L	50	49.5	99	60-140	
Bromodichloromethane	ug/L	50	49.5	99	60-140	
Bromoform	ug/L	50	51.3	103	60-140	
Bromomethane	ug/L	50	48.3	97	60-140	
Carbon tetrachloride	ug/L	50	48.6	97	60-140	
Chlorobenzene	ug/L	50	47.9	96	60-140	
Chloroethane	ug/L	50	41.5	83	60-140	
Chloroform	ug/L	50	43.0	86	60-140	
Chloromethane	ug/L	50	47.1	94	60-140	
cis-1,2-Dichloroethene	ug/L	50	48.9	98	60-140	
cis-1,3-Dichloropropene	ug/L	50	48.4	97	60-140	
Dibromochloromethane	ug/L	50	52.3	105	60-140	
Dibromomethane	ug/L	50	47.5	95	60-140	
Dichlorodifluoromethane	ug/L	50	43.3	87	60-140	
Diisopropyl ether	ug/L	50	44.5	89	60-140	
Ethylbenzene	ug/L	50	47.4	95	60-140	
Hexachloro-1,3-butadiene	ug/L	50	44.5	89	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.4	101	60-140	
m&p-Xylene	ug/L	100	97.3	97	60-140	
Methyl-tert-butyl ether	ug/L	50	44.8	90	60-140	
Methylene Chloride	ug/L	50	45.2	90	60-140	
n-Butylbenzene	ug/L	50	46.2	92	60-140	
n-Propylbenzene	ug/L	50	46.7	93	60-140	
Naphthalene	ug/L	50	48.0	96	60-140	
o-Xylene	ug/L	50	47.9	96	60-140	
sec-Butylbenzene	ug/L	50	47.1	94	60-140	
Styrene	ug/L	50	50.4	101	60-140	
tert-Butylbenzene	ug/L	50	40.6	81	60-140	
Tetrachloroethene	ug/L	50	47.2	94	60-140	
Toluene	ug/L	50	47.4	95	60-140	
trans-1,2-Dichloroethene	ug/L	50	49.3	99	60-140	
trans-1,3-Dichloropropene	ug/L	50	49.3	99	60-140	
Trichloroethene	ug/L	50	47.8	96	60-140	
Trichlorofluoromethane	ug/L	50	41.8	84	60-140	
Vinyl chloride	ug/L	50	47.5	95	60-140	
1,2-Dichloroethane-d4 (S)	%			91	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Toluene-d8 (S)	%			101	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531231

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3219804				3219805								
Parameter	92531231003		MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.								
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.2	21.1	96	106	60-140	10		
1,1,1-Trichloroethane	ug/L	ND	20	20	19.9	21.4	99	107	60-140	7		
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.2	21.1	96	105	60-140	9		
1,1,2-Trichloroethane	ug/L	ND	20	20	18.6	20.8	93	104	60-140	11		
1,1-Dichloroethane	ug/L	ND	20	20	20.2	21.1	101	105	60-140	4		
1,1-Dichloroethene	ug/L	ND	20	20	21.5	22.3	107	112	60-140	4		
1,1-Dichloropropene	ug/L	ND	20	20	20.2	21.2	101	106	60-140	5		
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.1	21.8	105	109	60-140	4		
1,2,3-Trichloropropane	ug/L	ND	20	20	18.3	20.3	92	101	60-140	10		
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20.8	21.5	104	107	60-140	3		
1,2,4-Trimethylbenzene	ug/L	ND	20	20	19.7	21.7	99	108	60-140	9		
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20.8	23.3	104	116	60-140	11		
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	19.1	20.8	96	104	60-140	8		
1,2-Dichlorobenzene	ug/L	ND	20	20	18.5	20.6	93	103	60-140	11		
1,2-Dichloroethane	ug/L	ND	20	20	17.3	18.6	86	93	60-140	8		
1,2-Dichloropropane	ug/L	ND	20	20	19.5	21.4	98	107	60-140	9		
1,3,5-Trimethylbenzene	ug/L	ND	20	20	19.9	22.0	100	110	60-140	10		
1,3-Dichlorobenzene	ug/L	ND	20	20	18.8	20.7	94	104	60-140	10		
1,3-Dichloropropane	ug/L	ND	20	20	19.3	21.1	96	106	60-140	9		
1,4-Dichlorobenzene	ug/L	ND	20	20	19.0	21.1	95	105	60-140	10		
2,2-Dichloropropane	ug/L	ND	20	20	21.1	22.2	106	111	60-140	5		
2-Chlorotoluene	ug/L	ND	20	20	19.5	21.8	97	109	60-140	11		
4-Chlorotoluene	ug/L	ND	20	20	18.8	20.5	94	103	60-140	9		
Benzene	ug/L	ND	20	20	19.1	21.0	95	105	60-140	10		
Bromobenzene	ug/L	ND	20	20	19.1	21.2	95	106	60-140	10		
Bromochloromethane	ug/L	ND	20	20	19.3	20.5	96	103	60-140	6		
Bromodichloromethane	ug/L	ND	20	20	19.3	21.4	96	107	60-140	10		
Bromoforn	ug/L	ND	20	20	19.4	20.9	97	104	60-140	7		
Bromomethane	ug/L	ND	20	20	20.4	21.7	102	108	60-140	6		
Carbon tetrachloride	ug/L	ND	20	20	20.1	21.9	101	109	60-140	8		
Chlorobenzene	ug/L	ND	20	20	19.3	21.0	96	105	60-140	9		
Chloroethane	ug/L	ND	20	20	20.3	21.2	102	106	60-140	4		
Chloroform	ug/L	ND	20	20	17.3	18.4	87	92	60-140	6		
Chloromethane	ug/L	ND	20	20	19.2	19.5	96	97	60-140	1		
cis-1,2-Dichloroethene	ug/L	ND	20	20	20.1	21.6	101	108	60-140	7		
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.7	21.5	98	108	60-140	9		
Dibromochloromethane	ug/L	ND	20	20	19.9	22.0	99	110	60-140	10		
Dibromomethane	ug/L	ND	20	20	18.8	20.3	94	101	60-140	7		
Dichlorodifluoromethane	ug/L	ND	20	20	13.6	13.9	68	70	60-140	2		
Diisopropyl ether	ug/L	ND	20	20	17.8	19.3	89	96	60-140	8		
Ethylbenzene	ug/L	ND	20	20	19.4	20.9	97	105	60-140	8		
Hexachloro-1,3-butadiene	ug/L	ND	20	20	22.5	23.3	112	117	60-140	4		
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.5	22.1	102	110	60-140	7		
m&p-Xylene	ug/L	ND	40	40	39.3	42.9	98	107	60-140	9		
Methyl-tert-butyl ether	ug/L	ND	20	20	17.9	19.0	89	95	60-140	6		
Methylene Chloride	ug/L	ND	20	20	18.8	20.0	94	100	60-140	6		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531231

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3219804 3219805											
Parameter	Units	92531231003		MS	MSD	3219805		MS	MSD	% Rec	RPD
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
n-Butylbenzene	ug/L	ND	20	20	20	20.4	22.1	102	111	60-140	8
n-Propylbenzene	ug/L	ND	20	20	20	19.7	21.7	98	108	60-140	10
Naphthalene	ug/L	ND	20	20	20	20.1	21.4	101	107	60-140	6
o-Xylene	ug/L	ND	20	20	20	19.2	20.7	96	103	60-140	7
sec-Butylbenzene	ug/L	ND	20	20	20	20.0	22.0	100	110	60-140	10
Styrene	ug/L	ND	20	20	20	19.0	21.1	95	105	60-140	10
tert-Butylbenzene	ug/L	ND	20	20	20	17.1	19.1	86	95	60-140	11
Tetrachloroethene	ug/L	ND	20	20	20	20.2	21.2	101	106	60-140	5
Toluene	ug/L	1.6	20	20	20	20.1	23.6	93	110	60-140	16
trans-1,2-Dichloroethene	ug/L	ND	20	20	20	20.5	21.9	103	109	60-140	6
trans-1,3-Dichloropropene	ug/L	ND	20	20	20	19.6	21.8	98	109	60-140	10
Trichloroethene	ug/L	ND	20	20	20	19.1	20.9	95	104	60-140	9
Trichlorofluoromethane	ug/L	ND	20	20	20	18.3	19.7	92	98	60-140	7
Vinyl chloride	ug/L	ND	20	20	20	18.2	19.0	91	95	60-140	4
1,2-Dichloroethane-d4 (S)	%							102	101	70-130	
4-Bromofluorobenzene (S)	%							101	100	70-130	
Toluene-d8 (S)	%							99	101	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)
Pace Project No.: 92531231

QC Batch:	611970	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92531231001

METHOD BLANK: 3221179 Matrix: Water

Associated Lab Samples: 92531231001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/07/21 11:30	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/07/21 11:30	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/07/21 11:30	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
1,3-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
2,2-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
2-Chlorotoluene	ug/L	ND	0.50	04/07/21 11:30	
4-Chlorotoluene	ug/L	ND	0.50	04/07/21 11:30	
Benzene	ug/L	ND	0.50	04/07/21 11:30	
Bromobenzene	ug/L	ND	0.50	04/07/21 11:30	
Bromochloromethane	ug/L	ND	0.50	04/07/21 11:30	
Bromodichloromethane	ug/L	ND	0.50	04/07/21 11:30	
Bromoform	ug/L	ND	0.50	04/07/21 11:30	
Bromomethane	ug/L	ND	5.0	04/07/21 11:30	
Carbon tetrachloride	ug/L	ND	0.50	04/07/21 11:30	
Chlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
Chloroethane	ug/L	ND	1.0	04/07/21 11:30	
Chloroform	ug/L	ND	0.50	04/07/21 11:30	
Chloromethane	ug/L	ND	1.0	04/07/21 11:30	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
Dibromochloromethane	ug/L	ND	0.50	04/07/21 11:30	
Dibromomethane	ug/L	ND	0.50	04/07/21 11:30	
Dichlorodifluoromethane	ug/L	ND	0.50	04/07/21 11:30	
Diisopropyl ether	ug/L	ND	0.50	04/07/21 11:30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531231

METHOD BLANK: 3221179

Matrix: Water

Associated Lab Samples: 92531231001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/07/21 11:30	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/07/21 11:30	
m&p-Xylene	ug/L	ND	1.0	04/07/21 11:30	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/07/21 11:30	
Methylene Chloride	ug/L	ND	2.0	04/07/21 11:30	
n-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
n-Propylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Naphthalene	ug/L	ND	2.0	04/07/21 11:30	
o-Xylene	ug/L	ND	0.50	04/07/21 11:30	
sec-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Styrene	ug/L	ND	0.50	04/07/21 11:30	
tert-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Tetrachloroethene	ug/L	ND	0.50	04/07/21 11:30	
Toluene	ug/L	ND	0.50	04/07/21 11:30	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
Trichloroethene	ug/L	ND	0.50	04/07/21 11:30	
Trichlorofluoromethane	ug/L	ND	1.0	04/07/21 11:30	
Vinyl chloride	ug/L	ND	1.0	04/07/21 11:30	
1,2-Dichloroethane-d4 (S)	%	102	70-130	04/07/21 11:30	
4-Bromofluorobenzene (S)	%	96	70-130	04/07/21 11:30	
Toluene-d8 (S)	%	102	70-130	04/07/21 11:30	

LABORATORY CONTROL SAMPLE: 3221180

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	52.3	105	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	50.0	100	60-140	
1,1,2-Trichloroethane	ug/L	50	51.1	102	60-140	
1,1-Dichloroethane	ug/L	50	52.8	106	60-140	
1,1-Dichloroethene	ug/L	50	57.0	114	60-140	
1,1-Dichloropropene	ug/L	50	52.5	105	60-140	
1,2,3-Trichlorobenzene	ug/L	50	52.4	105	60-140	
1,2,3-Trichloropropane	ug/L	50	48.3	97	60-140	
1,2,4-Trichlorobenzene	ug/L	50	52.2	104	60-140	
1,2,4-Trimethylbenzene	ug/L	50	52.2	104	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	52.3	105	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.1	100	60-140	
1,2-Dichlorobenzene	ug/L	50	50.7	101	60-140	
1,2-Dichloroethane	ug/L	50	46.1	92	60-140	
1,2-Dichloropropane	ug/L	50	52.2	104	60-140	
1,3,5-Trimethylbenzene	ug/L	50	52.7	105	60-140	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531231

LABORATORY CONTROL SAMPLE: 3221180

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	51.9	104	60-140	
1,3-Dichloropropane	ug/L	50	51.3	103	60-140	
1,4-Dichlorobenzene	ug/L	50	52.3	105	60-140	
2,2-Dichloropropane	ug/L	50	54.4	109	60-140	
2-Chlorotoluene	ug/L	50	52.5	105	60-140	
4-Chlorotoluene	ug/L	50	50.4	101	60-140	
Benzene	ug/L	50	50.5	101	60-140	
Bromobenzene	ug/L	50	50.7	101	60-140	
Bromochloromethane	ug/L	50	51.4	103	60-140	
Bromodichloromethane	ug/L	50	52.3	105	60-140	
Bromoform	ug/L	50	53.4	107	60-140	
Bromomethane	ug/L	50	51.5	103	60-140	
Carbon tetrachloride	ug/L	50	53.4	107	60-140	
Chlorobenzene	ug/L	50	51.7	103	60-140	
Chloroethane	ug/L	50	44.3	89	60-140	
Chloroform	ug/L	50	44.7	89	60-140	
Chloromethane	ug/L	50	48.3	97	60-140	
cis-1,2-Dichloroethene	ug/L	50	52.6	105	60-140	
cis-1,3-Dichloropropene	ug/L	50	54.0	108	60-140	
Dibromochloromethane	ug/L	50	54.7	109	60-140	
Dibromomethane	ug/L	50	49.7	99	60-140	
Dichlorodifluoromethane	ug/L	50	46.6	93	60-140	
Diisopropyl ether	ug/L	50	47.6	95	60-140	
Ethylbenzene	ug/L	50	51.3	103	60-140	
Hexachloro-1,3-butadiene	ug/L	50	54.0	108	60-140	
Isopropylbenzene (Cumene)	ug/L	50	54.7	109	60-140	
m&p-Xylene	ug/L	100	105	105	60-140	
Methyl-tert-butyl ether	ug/L	50	46.6	93	60-140	
Methylene Chloride	ug/L	50	48.6	97	60-140	
n-Butylbenzene	ug/L	50	53.1	106	60-140	
n-Propylbenzene	ug/L	50	51.4	103	60-140	
Naphthalene	ug/L	50	49.8	100	60-140	
o-Xylene	ug/L	50	50.9	102	60-140	
sec-Butylbenzene	ug/L	50	51.8	104	60-140	
Styrene	ug/L	50	54.3	109	60-140	
tert-Butylbenzene	ug/L	50	44.4	89	60-140	
Tetrachloroethene	ug/L	50	51.9	104	60-140	
Toluene	ug/L	50	50.8	102	60-140	
trans-1,2-Dichloroethene	ug/L	50	53.7	107	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.8	108	60-140	
Trichloroethene	ug/L	50	51.8	104	60-140	
Trichlorofluoromethane	ug/L	50	43.3	87	60-140	
Vinyl chloride	ug/L	50	50.7	101	60-140	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			100	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531231

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221181 3221182											
Parameter	Units	92531403001		MS	MSD	3221182		MS	MSD	% Rec	% Rec
		Result	Conc.	Spike	Spike	Result	Conc.	Result	Conc.		
										Limits	RPD
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20	21.5	21.0	107	105	60-140	2
1,1,1-Trichloroethane	ug/L	ND	20	20	20	21.8	22.0	109	110	60-140	1
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20	20.9	20.6	104	103	60-140	1
1,1,2-Trichloroethane	ug/L	ND	20	20	20	20.7	21.3	103	107	60-140	3
1,1-Dichloroethane	ug/L	ND	20	20	20	21.9	22.0	110	110	60-140	0
1,1-Dichloroethene	ug/L	ND	20	20	20	23.0	23.5	115	118	60-140	2
1,1-Dichloropropene	ug/L	ND	20	20	20	22.0	21.6	110	108	60-140	2
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20	21.3	21.2	106	106	60-140	0
1,2,3-Trichloropropane	ug/L	ND	20	20	20	20.2	19.7	101	99	60-140	2
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20	20.2	19.9	101	100	60-140	1
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20	21.2	20.6	106	103	60-140	3
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20	20.9	21.3	105	106	60-140	2
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20	21.1	20.8	106	104	60-140	2
1,2-Dichlorobenzene	ug/L	ND	20	20	20	20.0	19.6	100	98	60-140	2
1,2-Dichloroethane	ug/L	ND	20	20	20	18.6	19.1	93	95	60-140	2
1,2-Dichloropropane	ug/L	ND	20	20	20	21.3	21.9	106	109	60-140	3
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20	21.8	21.0	109	105	60-140	4
1,3-Dichlorobenzene	ug/L	ND	20	20	20	20.3	20.0	102	100	60-140	2
1,3-Dichloropropane	ug/L	ND	20	20	20	21.3	20.8	107	104	60-140	3
1,4-Dichlorobenzene	ug/L	ND	20	20	20	20.7	20.3	103	102	60-140	2
2,2-Dichloropropane	ug/L	ND	20	20	20	21.6	21.6	108	108	60-140	0
2-Chlorotoluene	ug/L	ND	20	20	20	21.2	20.8	106	104	60-140	2
4-Chlorotoluene	ug/L	ND	20	20	20	20.1	19.8	101	99	60-140	2
Benzene	ug/L	ND	20	20	20	20.8	21.7	104	109	60-140	4
Bromobenzene	ug/L	ND	20	20	20	21.1	20.7	106	103	60-140	2
Bromochloromethane	ug/L	ND	20	20	20	21.0	21.5	105	107	60-140	2
Bromodichloromethane	ug/L	ND	20	20	20	20.9	21.6	105	108	60-140	3
Bromoform	ug/L	ND	20	20	20	20.8	20.7	104	103	60-140	1
Bromomethane	ug/L	ND	20	20	20	23.7	24.4	118	122	60-140	3
Carbon tetrachloride	ug/L	ND	20	20	20	22.2	22.5	111	113	60-140	1
Chlorobenzene	ug/L	ND	20	20	20	21.3	21.1	107	105	60-140	1
Chloroethane	ug/L	ND	20	20	20	24.1	23.5	121	118	60-140	3
Chloroform	ug/L	7.9	20	20	20	26.6	26.6	93	93	60-140	0
Chloromethane	ug/L	ND	20	20	20	19.8	20.4	99	102	60-140	3
cis-1,2-Dichloroethene	ug/L	ND	20	20	20	21.6	21.8	108	109	60-140	1
cis-1,3-Dichloropropene	ug/L	ND	20	20	20	21.2	22.5	106	113	60-140	6
Dibromochloromethane	ug/L	ND	20	20	20	22.4	21.8	112	109	60-140	2
Dibromomethane	ug/L	ND	20	20	20	20.7	21.2	104	106	60-140	2
Dichlorodifluoromethane	ug/L	ND	20	20	20	19.9	20.2	100	101	60-140	1
Diisopropyl ether	ug/L	ND	20	20	20	19.3	19.1	97	95	60-140	1
Ethylbenzene	ug/L	ND	20	20	20	21.3	20.9	106	105	60-140	2
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20	22.4	22.3	112	112	60-140	0
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20	22.5	22.0	112	110	60-140	2
m&p-Xylene	ug/L	ND	40	40	40	43.3	42.2	108	105	60-140	2
Methyl-tert-butyl ether	ug/L	ND	20	20	20	18.9	19.3	94	96	60-140	2
Methylene Chloride	ug/L	ND	20	20	20	20.0	20.0	100	100	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

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531231

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221181 3221182											
Parameter	Units	92531403001		MS	MSD	3221182		MS	MSD	% Rec	Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
n-Butylbenzene	ug/L	ND	20	20	20	21.4	20.9	107	104	60-140	2
n-Propylbenzene	ug/L	ND	20	20	20	21.4	21.0	107	105	60-140	2
Naphthalene	ug/L	ND	20	20	20	20.1	20.2	101	101	60-140	0
o-Xylene	ug/L	ND	20	20	20	21.0	20.7	105	104	60-140	2
sec-Butylbenzene	ug/L	ND	20	20	20	21.8	21.2	109	106	60-140	3
Styrene	ug/L	ND	20	20	20	21.0	20.7	105	104	60-140	1
tert-Butylbenzene	ug/L	ND	20	20	20	18.9	18.3	94	91	60-140	3
Tetrachloroethene	ug/L	ND	20	20	20	21.9	21.0	109	105	60-140	4
Toluene	ug/L	ND	20	20	20	21.1	21.6	106	108	60-140	2
trans-1,2-Dichloroethene	ug/L	ND	20	20	20	22.0	22.2	110	111	60-140	1
trans-1,3-Dichloropropene	ug/L	ND	20	20	20	21.1	21.4	106	107	60-140	1
Trichloroethene	ug/L	ND	20	20	20	21.6	21.6	108	108	60-140	0
Trichlorofluoromethane	ug/L	ND	20	20	20	22.3	21.7	112	108	60-140	3
Vinyl chloride	ug/L	ND	20	20	20	20.9	20.8	104	104	60-140	0
1,2-Dichloroethane-d4 (S)	%							98	102	70-130	
4-Bromofluorobenzene (S)	%							100	101	70-130	
Toluene-d8 (S)	%							100	106	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531231

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531231

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531231001	MW-14D	MADEP VPH	611760		
92531231002	MW-62	MADEP VPH	611760		
92531231003	MW-73	MADEP VPH	611760		
92531231004	MW-86	MADEP VPH	611760		
92531231001	MW-14D	EPA 3010A	611595	EPA 6010D	611619
92531231002	MW-62	EPA 3010A	611595	EPA 6010D	611619
92531231003	MW-73	EPA 3010A	611595	EPA 6010D	611619
92531231004	MW-86	EPA 3010A	611595	EPA 6010D	611619
92531231001	MW-14D	SM 6200B	611970		
92531231002	MW-62	SM 6200B	611676		
92531231003	MW-73	SM 6200B	611676		
92531231004	MW-86	SM 6200B	611676		
92531231005	Trip Blank	SM 6200B	611675		

REPORT OF LABORATORY ANALYSIS

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Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☒ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐Sample Condition
Upon Receipt

Client Name:

Project #:

WO#: 92531231



Courier:

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

Custody Seal Present?

☐ Yes☒ No

Seals Intact?

☐ Yes☐ No

Date/Initials Person Examining Contents: 3/5/5-7/

Packing Material:

☐ Bubble Wrap☒ Bubble Bags☐ None☐ Other

Biological Tissue Frozen?

☐ Yes☐ No☒ N/A

Thermometer:

☒ IR Gun ID: 971064

Type of Ice:

☒ Wet☐ Blue☐ None

Cooler Temp:

5.1

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):

5.1

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☐ NoDid 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: _____			
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#: 92531231

PM: NMG

Due Date: 04/12/21

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 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						✓										✓												
2						✓										✓												
3						✓										✓												
4						✓										✓												
5																2												
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).

35 of 35

Page: 1 Of 1

April 08, 2021

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

RE: Project: CPC Huntersville (4/5/21)
Pace Project No.: 92531238

Dear Andrew Wreschnig:

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

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CERTIFICATIONS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531238001	MW-64	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531238002	MW-65	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531238003	MW-65D	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531238004	MW-70	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531238005	MW-74	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531238006	MW-75	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531238007	EB-1-20210405	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531238008	DUP-1-20210405	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	RDT	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531238009	Trip Blank	SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

Sample: MW-64		Lab ID: 92531238001		Collected: 04/05/21 09:40		Received: 04/05/21 16:30		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		04/06/21 08:31		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/06/21 08:31		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/06/21 08:31		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/06/21 08:31		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130	1		04/06/21 08:31	460-00-4		
4-Bromofluorobenzene (PID) (S)	93	%	70-130	1		04/06/21 08:31	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/06/21 01:25	04/08/21 12:15	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/06/21 15:32	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/06/21 15:32	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/06/21 15:32	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/06/21 15:32	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/06/21 15:32	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/06/21 15:32	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/06/21 15:32	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/06/21 15:32	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/06/21 15:32	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/06/21 15:32	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/06/21 15:32	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/06/21 15:32	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/06/21 15:32	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/06/21 15:32	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 15:32	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 15:32	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/06/21 15:32	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/06/21 15:32	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/06/21 15:32	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/06/21 15:32	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 15:32	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 15:32	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 15:32	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/06/21 15:32	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/06/21 15:32	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/06/21 15:32	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/06/21 15:32	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 15:32	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 15:32	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 15:32	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/06/21 15:32	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 15:32	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

Sample: MW-64		Lab ID: 92531238001	Collected: 04/05/21 09:40	Received: 04/05/21 16:30	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		04/06/21 15:32	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 15:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 15:32	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/06/21 15:32	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/06/21 15:32	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/06/21 15:32	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/06/21 15:32	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/06/21 15:32	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/06/21 15:32	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/06/21 15:32	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/06/21 15:32	103-65-1	
Styrene	ND	ug/L	0.50	1		04/06/21 15:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 15:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 15:32	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		04/06/21 15:32	127-18-4	
Toluene	ND	ug/L	0.50	1		04/06/21 15:32	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 15:32	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 15:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/06/21 15:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/06/21 15:32	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		04/06/21 15:32	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/06/21 15:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/06/21 15:32	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 15:32	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 15:32	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		04/06/21 15:32	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		04/06/21 15:32	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		04/06/21 15:32	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		04/06/21 15:32	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130	1		04/06/21 15:32	460-00-4	
Toluene-d8 (S)	103	%	70-130	1		04/06/21 15:32	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

Sample: MW-65		Lab ID: 92531238002		Collected: 04/05/21 10:15		Received: 04/05/21 16:30		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		04/06/21 09:00		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/06/21 09:00		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/06/21 09:00		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/06/21 09:00		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	92	%	70-130	1		04/06/21 09:00	460-00-4		
4-Bromofluorobenzene (PID) (S)	89	%	70-130	1		04/06/21 09:00	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/06/21 01:25	04/08/21 12:18	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/06/21 15:50	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/06/21 15:50	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/06/21 15:50	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/06/21 15:50	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/06/21 15:50	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/06/21 15:50	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/06/21 15:50	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/06/21 15:50	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/06/21 15:50	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/06/21 15:50	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/06/21 15:50	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/06/21 15:50	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/06/21 15:50	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/06/21 15:50	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 15:50	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 15:50	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/06/21 15:50	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/06/21 15:50	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/06/21 15:50	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/06/21 15:50	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 15:50	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 15:50	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 15:50	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/06/21 15:50	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/06/21 15:50	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/06/21 15:50	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/06/21 15:50	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 15:50	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 15:50	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 15:50	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/06/21 15:50	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 15:50	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

Sample: MW-65		Lab ID: 92531238002	Collected: 04/05/21 10:15	Received: 04/05/21 16:30	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		04/06/21 15:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 15:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 15:50	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/06/21 15:50	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/06/21 15:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/06/21 15:50	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/06/21 15:50	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/06/21 15:50	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/06/21 15:50	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/06/21 15:50	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/06/21 15:50	103-65-1	
Styrene	ND	ug/L	0.50	1		04/06/21 15:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 15:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 15:50	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		04/06/21 15:50	127-18-4	
Toluene	ND	ug/L	0.50	1		04/06/21 15:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 15:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 15:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/06/21 15:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/06/21 15:50	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		04/06/21 15:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/06/21 15:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/06/21 15:50	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 15:50	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 15:50	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		04/06/21 15:50	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		04/06/21 15:50	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		04/06/21 15:50	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		04/06/21 15:50	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130	1		04/06/21 15:50	460-00-4	
Toluene-d8 (S)	109	%	70-130	1		04/06/21 15:50	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

Sample: MW-65D		Lab ID: 92531238003		Collected: 04/05/21 11:15		Received: 04/05/21 16:30		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		04/06/21 18:58		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/06/21 18:58		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/06/21 18:58		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/06/21 18:58		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	94	%	70-130	1		04/06/21 18:58	460-00-4		
4-Bromofluorobenzene (PID) (S)	91	%	70-130	1		04/06/21 18:58	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/06/21 01:25	04/08/21 12:22	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/06/21 16:08	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/06/21 16:08	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/06/21 16:08	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/06/21 16:08	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/06/21 16:08	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/06/21 16:08	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/06/21 16:08	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/06/21 16:08	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/06/21 16:08	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/06/21 16:08	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/06/21 16:08	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/06/21 16:08	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/06/21 16:08	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/06/21 16:08	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 16:08	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 16:08	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/06/21 16:08	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/06/21 16:08	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/06/21 16:08	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/06/21 16:08	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 16:08	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 16:08	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 16:08	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/06/21 16:08	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/06/21 16:08	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/06/21 16:08	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/06/21 16:08	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 16:08	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 16:08	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 16:08	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/06/21 16:08	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 16:08	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

Sample: MW-65D		Lab ID: 92531238003		Collected: 04/05/21 11:15		Received: 04/05/21 16:30		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		04/06/21 16:08	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 16:08	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 16:08	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/06/21 16:08	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/06/21 16:08	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/06/21 16:08	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/06/21 16:08	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/06/21 16:08	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/06/21 16:08	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/06/21 16:08	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/06/21 16:08	103-65-1		
Styrene	ND	ug/L	0.50	1		04/06/21 16:08	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 16:08	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 16:08	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/06/21 16:08	127-18-4		
Toluene	ND	ug/L	0.50	1		04/06/21 16:08	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 16:08	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 16:08	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/06/21 16:08	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/06/21 16:08	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/06/21 16:08	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/06/21 16:08	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/06/21 16:08	96-18-4		
1,2,4-Trimethylbenzene	0.53	ug/L	0.50	1		04/06/21 16:08	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 16:08	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/06/21 16:08	75-01-4		
m&p-Xylene	2.6	ug/L	1.0	1		04/06/21 16:08	179601-23-1		
o-Xylene	1.2	ug/L	0.50	1		04/06/21 16:08	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		04/06/21 16:08	17060-07-0		
4-Bromofluorobenzene (S)	96	%	70-130	1		04/06/21 16:08	460-00-4		
Toluene-d8 (S)	102	%	70-130	1		04/06/21 16:08	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

Sample: MW-70		Lab ID: 92531238004		Collected: 04/05/21 15:05		Received: 04/05/21 16:30		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		04/06/21 19:29		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/06/21 19:29		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/06/21 19:29		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/06/21 19:29		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	82	%	70-130	1		04/06/21 19:29	460-00-4		
4-Bromofluorobenzene (PID) (S)	79	%	70-130	1		04/06/21 19:29	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/06/21 01:25	04/08/21 12:31	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/06/21 23:02	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/06/21 23:02	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/06/21 23:02	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/06/21 23:02	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/06/21 23:02	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/06/21 23:02	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/06/21 23:02	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/06/21 23:02	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/06/21 23:02	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/06/21 23:02	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/06/21 23:02	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/06/21 23:02	75-00-3		
Chloroform	1.5	ug/L	0.50	1		04/06/21 23:02	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/06/21 23:02	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 23:02	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 23:02	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/06/21 23:02	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/06/21 23:02	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/06/21 23:02	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/06/21 23:02	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 23:02	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 23:02	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 23:02	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/06/21 23:02	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/06/21 23:02	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/06/21 23:02	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/06/21 23:02	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 23:02	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 23:02	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 23:02	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/06/21 23:02	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 23:02	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

Sample: MW-70		Lab ID: 92531238004		Collected: 04/05/21 15:05		Received: 04/05/21 16:30		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		04/06/21 23:02	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 23:02	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 23:02	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/06/21 23:02	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/06/21 23:02	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/06/21 23:02	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/06/21 23:02	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/06/21 23:02	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/06/21 23:02	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/06/21 23:02	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/06/21 23:02	103-65-1		
Styrene	ND	ug/L	0.50	1		04/06/21 23:02	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 23:02	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 23:02	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/06/21 23:02	127-18-4		
Toluene	ND	ug/L	0.50	1		04/06/21 23:02	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 23:02	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 23:02	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/06/21 23:02	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/06/21 23:02	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/06/21 23:02	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/06/21 23:02	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/06/21 23:02	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 23:02	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 23:02	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/06/21 23:02	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/06/21 23:02	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/06/21 23:02	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		04/06/21 23:02	17060-07-0		
4-Bromofluorobenzene (S)	97	%	70-130	1		04/06/21 23:02	460-00-4		
Toluene-d8 (S)	103	%	70-130	1		04/06/21 23:02	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

Sample: MW-74		Lab ID: 92531238005		Collected: 04/05/21 12:00		Received: 04/05/21 16:30		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		04/06/21 19:57		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/06/21 19:57		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/06/21 19:57		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/06/21 19:57		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130	1		04/06/21 19:57	460-00-4		
4-Bromofluorobenzene (PID) (S)	93	%	70-130	1		04/06/21 19:57	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	1	04/06/21 01:25	04/08/21 12:35	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/06/21 23:20	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/06/21 23:20	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/06/21 23:20	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/06/21 23:20	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/06/21 23:20	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/06/21 23:20	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/06/21 23:20	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/06/21 23:20	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/06/21 23:20	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/06/21 23:20	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/06/21 23:20	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/06/21 23:20	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/06/21 23:20	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/06/21 23:20	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 23:20	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 23:20	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/06/21 23:20	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/06/21 23:20	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/06/21 23:20	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/06/21 23:20	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 23:20	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 23:20	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 23:20	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/06/21 23:20	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/06/21 23:20	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/06/21 23:20	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/06/21 23:20	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 23:20	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 23:20	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 23:20	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/06/21 23:20	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 23:20	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

Sample: MW-74		Lab ID: 92531238005		Collected: 04/05/21 12:00		Received: 04/05/21 16:30		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		04/06/21 23:20	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 23:20	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 23:20	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/06/21 23:20	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/06/21 23:20	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/06/21 23:20	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/06/21 23:20	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/06/21 23:20	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/06/21 23:20	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/06/21 23:20	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/06/21 23:20	103-65-1		
Styrene	ND	ug/L	0.50	1		04/06/21 23:20	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 23:20	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 23:20	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/06/21 23:20	127-18-4		
Toluene	ND	ug/L	0.50	1		04/06/21 23:20	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 23:20	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 23:20	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/06/21 23:20	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/06/21 23:20	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/06/21 23:20	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/06/21 23:20	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/06/21 23:20	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 23:20	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 23:20	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/06/21 23:20	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/06/21 23:20	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/06/21 23:20	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		04/06/21 23:20	17060-07-0		
4-Bromofluorobenzene (S)	94	%	70-130	1		04/06/21 23:20	460-00-4		
Toluene-d8 (S)	103	%	70-130	1		04/06/21 23:20	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

Sample: MW-75		Lab ID: 92531238006		Collected: 04/05/21 12:15		Received: 04/05/21 16:30		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		04/06/21 20:26		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/06/21 20:26		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/06/21 20:26		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/06/21 20:26		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130	1		04/06/21 20:26	460-00-4		
4-Bromofluorobenzene (PID) (S)	97	%	70-130	1		04/06/21 20:26	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/06/21 01:25	04/08/21 12:38	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/06/21 23:38	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/06/21 23:38	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/06/21 23:38	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/06/21 23:38	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/06/21 23:38	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/06/21 23:38	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/06/21 23:38	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/06/21 23:38	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/06/21 23:38	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/06/21 23:38	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/06/21 23:38	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/06/21 23:38	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/06/21 23:38	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/06/21 23:38	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 23:38	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 23:38	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/06/21 23:38	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/06/21 23:38	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/06/21 23:38	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/06/21 23:38	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 23:38	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 23:38	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 23:38	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/06/21 23:38	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/06/21 23:38	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/06/21 23:38	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/06/21 23:38	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 23:38	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 23:38	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 23:38	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/06/21 23:38	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 23:38	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

Sample: MW-75		Lab ID: 92531238006		Collected: 04/05/21 12:15		Received: 04/05/21 16:30		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		04/06/21 23:38	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 23:38	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 23:38	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/06/21 23:38	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/06/21 23:38	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/06/21 23:38	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/06/21 23:38	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/06/21 23:38	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/06/21 23:38	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/06/21 23:38	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/06/21 23:38	103-65-1		
Styrene	ND	ug/L	0.50	1		04/06/21 23:38	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 23:38	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 23:38	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/06/21 23:38	127-18-4		
Toluene	ND	ug/L	0.50	1		04/06/21 23:38	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 23:38	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 23:38	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/06/21 23:38	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/06/21 23:38	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/06/21 23:38	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/06/21 23:38	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/06/21 23:38	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 23:38	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 23:38	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/06/21 23:38	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/06/21 23:38	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/06/21 23:38	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		04/06/21 23:38	17060-07-0		
4-Bromofluorobenzene (S)	97	%	70-130	1		04/06/21 23:38	460-00-4		
Toluene-d8 (S)	109	%	70-130	1		04/06/21 23:38	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

Sample: EB-1-20210405		Lab ID: 92531238007		Collected: 04/05/21 14:30		Received: 04/05/21 16:30		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		04/06/21 16:36		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/06/21 16:36		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/06/21 16:36		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/06/21 16:36		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	94	%	70-130	1		04/06/21 16:36	460-00-4		
4-Bromofluorobenzene (PID) (S)	91	%	70-130	1		04/06/21 16:36	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/06/21 01:25	04/08/21 12:41	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/06/21 13:25	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/06/21 13:25	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/06/21 13:25	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/06/21 13:25	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/06/21 13:25	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/06/21 13:25	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/06/21 13:25	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/06/21 13:25	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/06/21 13:25	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/06/21 13:25	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/06/21 13:25	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/06/21 13:25	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/06/21 13:25	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/06/21 13:25	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 13:25	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 13:25	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/06/21 13:25	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/06/21 13:25	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/06/21 13:25	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/06/21 13:25	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 13:25	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 13:25	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 13:25	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/06/21 13:25	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/06/21 13:25	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/06/21 13:25	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/06/21 13:25	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 13:25	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 13:25	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 13:25	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/06/21 13:25	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 13:25	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

Sample: EB-1-20210405		Lab ID: 92531238007		Collected: 04/05/21 14:30		Received: 04/05/21 16:30		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		04/06/21 13:25	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 13:25	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 13:25	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/06/21 13:25	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/06/21 13:25	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/06/21 13:25	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/06/21 13:25	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/06/21 13:25	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/06/21 13:25	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/06/21 13:25	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/06/21 13:25	103-65-1		
Styrene	ND	ug/L	0.50	1		04/06/21 13:25	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 13:25	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 13:25	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/06/21 13:25	127-18-4		
Toluene	ND	ug/L	0.50	1		04/06/21 13:25	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 13:25	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 13:25	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/06/21 13:25	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/06/21 13:25	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/06/21 13:25	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/06/21 13:25	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/06/21 13:25	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 13:25	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 13:25	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/06/21 13:25	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/06/21 13:25	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/06/21 13:25	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		04/06/21 13:25	17060-07-0		
4-Bromofluorobenzene (S)	99	%	70-130	1		04/06/21 13:25	460-00-4		
Toluene-d8 (S)	101	%	70-130	1		04/06/21 13:25	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

Sample: DUP-1-20210405		Lab ID: 92531238008		Collected: 04/05/21 00:00		Received: 04/05/21 16:30		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		04/06/21 20:54	N2	
	Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/06/21 20:54	N2	
	Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/06/21 20:54	N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/06/21 20:54	N2		
Surrogates									
4-Bromofluorobenzene (FID) (S)	93	%	70-130	1		04/06/21 20:54	460-00-4		
4-Bromofluorobenzene (PID) (S)	90	%	70-130	1		04/06/21 20:54	460-00-4		
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	1	04/06/21 01:25	04/08/21 12:44	7439-92-1		
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	1		04/07/21 00:50	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/07/21 00:50	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/07/21 00:50	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/07/21 00:50	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/07/21 00:50	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/07/21 00:50	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/07/21 00:50	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/07/21 00:50	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/07/21 00:50	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/07/21 00:50	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/07/21 00:50	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/07/21 00:50	75-00-3		
Chloroform	0.55	ug/L	0.50	1		04/07/21 00:50	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/07/21 00:50	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 00:50	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 00:50	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/07/21 00:50	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/07/21 00:50	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/07/21 00:50	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/07/21 00:50	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 00:50	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 00:50	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 00:50	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/07/21 00:50	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/07/21 00:50	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/07/21 00:50	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/07/21 00:50	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 00:50	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 00:50	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 00:50	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/07/21 00:50	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 00:50	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

Sample: DUP-1-20210405		Lab ID: 92531238008		Collected: 04/05/21 00:00		Received: 04/05/21 16:30		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		04/07/21 00:50	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 00:50	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 00:50	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/07/21 00:50	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/07/21 00:50	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/07/21 00:50	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/07/21 00:50	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/07/21 00:50	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/07/21 00:50	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/07/21 00:50	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/07/21 00:50	103-65-1		
Styrene	ND	ug/L	0.50	1		04/07/21 00:50	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 00:50	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 00:50	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/07/21 00:50	127-18-4		
Toluene	ND	ug/L	0.50	1		04/07/21 00:50	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 00:50	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 00:50	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/07/21 00:50	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/07/21 00:50	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/07/21 00:50	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/07/21 00:50	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/07/21 00:50	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 00:50	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 00:50	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/07/21 00:50	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/07/21 00:50	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/07/21 00:50	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		04/07/21 00:50	17060-07-0		
4-Bromofluorobenzene (S)	99	%	70-130	1		04/07/21 00:50	460-00-4		
Toluene-d8 (S)	104	%	70-130	1		04/07/21 00:50	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

Sample: Trip Blank		Lab ID: 92531238009	Collected: 04/05/21 00:00	Received: 04/05/21 16:30	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		04/06/21 12:49	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		04/06/21 12:49	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		04/06/21 12:49	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		04/06/21 12:49	75-27-4	
Bromoform	ND	ug/L	0.50	1		04/06/21 12:49	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/06/21 12:49	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		04/06/21 12:49	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		04/06/21 12:49	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		04/06/21 12:49	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		04/06/21 12:49	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		04/06/21 12:49	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/06/21 12:49	75-00-3	
Chloroform	ND	ug/L	0.50	1		04/06/21 12:49	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/06/21 12:49	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 12:49	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		04/06/21 12:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/06/21 12:49	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		04/06/21 12:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/06/21 12:49	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		04/06/21 12:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 12:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 12:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/06/21 12:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/06/21 12:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		04/06/21 12:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		04/06/21 12:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		04/06/21 12:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 12:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/06/21 12:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 12:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		04/06/21 12:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		04/06/21 12:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		04/06/21 12:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 12:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/06/21 12:49	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/06/21 12:49	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/06/21 12:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/06/21 12:49	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/06/21 12:49	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/06/21 12:49	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/06/21 12:49	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/06/21 12:49	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/06/21 12:49	103-65-1	
Styrene	ND	ug/L	0.50	1		04/06/21 12:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 12:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/06/21 12:49	79-34-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

Sample: Trip Blank		Lab ID: 92531238009	Collected: 04/05/21 00:00	Received: 04/05/21 16:30	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		04/06/21 12:49	127-18-4	
Toluene	ND	ug/L	0.50	1		04/06/21 12:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 12:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/06/21 12:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/06/21 12:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/06/21 12:49	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		04/06/21 12:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/06/21 12:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/06/21 12:49	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 12:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/06/21 12:49	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		04/06/21 12:49	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		04/06/21 12:49	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		04/06/21 12:49	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		04/06/21 12:49	17060-07-0	
4-Bromofluorobenzene (S)	100	%	70-130	1		04/06/21 12:49	460-00-4	
Toluene-d8 (S)	101	%	70-130	1		04/06/21 12:49	2037-26-5	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

QC Batch:	611503	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92531238001, 92531238002

METHOD BLANK: 3219205 Matrix: Water

Associated Lab Samples: 92531238001, 92531238002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/05/21 14:57	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/05/21 14:57	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/05/21 14:57	N2
4-Bromofluorobenzene (FID) (S)	%	97	70-130	04/05/21 14:57	
4-Bromofluorobenzene (PID) (S)	%	94	70-130	04/05/21 14:57	

LABORATORY CONTROL SAMPLE & LCSD: 3219206

Parameter	Units	3219207							
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Aliphatic (C05-C08)	ug/L	300	288	252	96	84	70-130	13	25 N2
Aliphatic (C09-C12)	ug/L	300	328	269	109	90	70-130	20	25 N2
Aromatic (C09-C10)	ug/L	100	101	87.0	101	87	70-130	15	25 N2
4-Bromofluorobenzene (FID) (S)	%				97	95	70-130		
4-Bromofluorobenzene (PID) (S)	%				92	90	70-130		

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

QC Batch:	611760	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92531238003, 92531238004, 92531238005, 92531238006, 92531238007, 92531238008

METHOD BLANK: 3220233 Matrix: Water

Associated Lab Samples: 92531238003, 92531238004, 92531238005, 92531238006, 92531238007, 92531238008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/06/21 15:39	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/06/21 15:39	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/06/21 15:39	N2
4-Bromofluorobenzene (FID) (S)	%	92	70-130	04/06/21 15:39	
4-Bromofluorobenzene (PID) (S)	%	89	70-130	04/06/21 15:39	

LABORATORY CONTROL SAMPLE & LCSD: 3220234

Parameter	Units	3220235								
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	291	278	97	93	70-130	5	25	N2
Aliphatic (C09-C12)	ug/L	300	341	330	114	110	70-130	3	25	N2
Aromatic (C09-C10)	ug/L	100	96.8	94.5	97	95	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				95	94	70-130			
4-Bromofluorobenzene (PID) (S)	%				90	89	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

QC Batch:	611594	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3010A	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Asheville
Associated Lab Samples:	92531238001, 92531238002, 92531238003, 92531238004, 92531238005, 92531238006, 92531238007, 92531238008		

METHOD BLANK:	3219640	Matrix:	Water
Associated Lab Samples:	92531238001, 92531238002, 92531238003, 92531238004, 92531238005, 92531238006, 92531238007, 92531238008		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/08/21 11:27	

LABORATORY CONTROL SAMPLE: 3219641						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	487	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3219642		3219643						
		92531225001	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Parameter	Units	Result									
Lead	ug/L	ND	500	500	500	494	99	98	75-125	1	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

QC Batch:	611675	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92531238001, 92531238002, 92531238003, 92531238007, 92531238009

METHOD BLANK: 3219796

Matrix: Water

Associated Lab Samples: 92531238001, 92531238002, 92531238003, 92531238007, 92531238009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/06/21 10:43	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/06/21 10:43	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/06/21 10:43	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/06/21 10:43	
1,1-Dichloroethane	ug/L	ND	0.50	04/06/21 10:43	
1,1-Dichloroethene	ug/L	ND	0.50	04/06/21 10:43	
1,1-Dichloropropene	ug/L	ND	0.50	04/06/21 10:43	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/06/21 10:43	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/06/21 10:43	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/06/21 10:43	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/06/21 10:43	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/06/21 10:43	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/06/21 10:43	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/06/21 10:43	
1,2-Dichloroethane	ug/L	ND	0.50	04/06/21 10:43	
1,2-Dichloropropane	ug/L	ND	0.50	04/06/21 10:43	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/06/21 10:43	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/06/21 10:43	
1,3-Dichloropropane	ug/L	ND	0.50	04/06/21 10:43	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/06/21 10:43	
2,2-Dichloropropane	ug/L	ND	0.50	04/06/21 10:43	
2-Chlorotoluene	ug/L	ND	0.50	04/06/21 10:43	
4-Chlorotoluene	ug/L	ND	0.50	04/06/21 10:43	
Benzene	ug/L	ND	0.50	04/06/21 10:43	
Bromobenzene	ug/L	ND	0.50	04/06/21 10:43	
Bromochloromethane	ug/L	ND	0.50	04/06/21 10:43	
Bromodichloromethane	ug/L	ND	0.50	04/06/21 10:43	
Bromoform	ug/L	ND	0.50	04/06/21 10:43	
Bromomethane	ug/L	ND	5.0	04/06/21 10:43	
Carbon tetrachloride	ug/L	ND	0.50	04/06/21 10:43	
Chlorobenzene	ug/L	ND	0.50	04/06/21 10:43	
Chloroethane	ug/L	ND	1.0	04/06/21 10:43	
Chloroform	ug/L	ND	0.50	04/06/21 10:43	
Chloromethane	ug/L	ND	1.0	04/06/21 10:43	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/06/21 10:43	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/06/21 10:43	
Dibromochloromethane	ug/L	ND	0.50	04/06/21 10:43	
Dibromomethane	ug/L	ND	0.50	04/06/21 10:43	
Dichlorodifluoromethane	ug/L	ND	0.50	04/06/21 10:43	
Diisopropyl ether	ug/L	ND	0.50	04/06/21 10:43	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

METHOD BLANK: 3219796

Matrix: Water

Associated Lab Samples: 92531238001, 92531238002, 92531238003, 92531238007, 92531238009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/06/21 10:43	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/06/21 10:43	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/06/21 10:43	
m&p-Xylene	ug/L	ND	1.0	04/06/21 10:43	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/06/21 10:43	
Methylene Chloride	ug/L	ND	2.0	04/06/21 10:43	
n-Butylbenzene	ug/L	ND	0.50	04/06/21 10:43	
n-Propylbenzene	ug/L	ND	0.50	04/06/21 10:43	
Naphthalene	ug/L	ND	2.0	04/06/21 10:43	
o-Xylene	ug/L	ND	0.50	04/06/21 10:43	
sec-Butylbenzene	ug/L	ND	0.50	04/06/21 10:43	
Styrene	ug/L	ND	0.50	04/06/21 10:43	
tert-Butylbenzene	ug/L	ND	0.50	04/06/21 10:43	
Tetrachloroethene	ug/L	ND	0.50	04/06/21 10:43	
Toluene	ug/L	ND	0.50	04/06/21 10:43	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/06/21 10:43	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/06/21 10:43	
Trichloroethene	ug/L	ND	0.50	04/06/21 10:43	
Trichlorofluoromethane	ug/L	ND	1.0	04/06/21 10:43	
Vinyl chloride	ug/L	ND	1.0	04/06/21 10:43	
1,2-Dichloroethane-d4 (S)	%	99	70-130	04/06/21 10:43	
4-Bromofluorobenzene (S)	%	98	70-130	04/06/21 10:43	
Toluene-d8 (S)	%	104	70-130	04/06/21 10:43	

LABORATORY CONTROL SAMPLE: 3219797

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.6	103	60-140	
1,1,1-Trichloroethane	ug/L	50	50.9	102	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	51.0	102	60-140	
1,1,2-Trichloroethane	ug/L	50	50.7	101	60-140	
1,1-Dichloroethane	ug/L	50	51.2	102	60-140	
1,1-Dichloroethene	ug/L	50	53.9	108	60-140	
1,1-Dichloropropene	ug/L	50	51.1	102	60-140	
1,2,3-Trichlorobenzene	ug/L	50	50.4	101	60-140	
1,2,3-Trichloropropane	ug/L	50	49.4	99	60-140	
1,2,4-Trichlorobenzene	ug/L	50	50.1	100	60-140	
1,2,4-Trimethylbenzene	ug/L	50	50.8	102	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	51.7	103	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	49.7	99	60-140	
1,2-Dichlorobenzene	ug/L	50	48.6	97	60-140	
1,2-Dichloroethane	ug/L	50	44.4	89	60-140	
1,2-Dichloropropane	ug/L	50	52.2	104	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.9	102	60-140	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

LABORATORY CONTROL SAMPLE: 3219797

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	50.3	101	60-140	
1,3-Dichloropropane	ug/L	50	50.2	100	60-140	
1,4-Dichlorobenzene	ug/L	50	50.7	101	60-140	
2,2-Dichloropropane	ug/L	50	53.2	106	60-140	
2-Chlorotoluene	ug/L	50	50.6	101	60-140	
4-Chlorotoluene	ug/L	50	48.6	97	60-140	
Benzene	ug/L	50	50.9	102	60-140	
Bromobenzene	ug/L	50	48.9	98	60-140	
Bromochloromethane	ug/L	50	51.2	102	60-140	
Bromodichloromethane	ug/L	50	52.5	105	60-140	
Bromoform	ug/L	50	53.4	107	60-140	
Bromomethane	ug/L	50	47.3	95	60-140	
Carbon tetrachloride	ug/L	50	53.0	106	60-140	
Chlorobenzene	ug/L	50	50.8	102	60-140	
Chloroethane	ug/L	50	41.7	83	60-140	
Chloroform	ug/L	50	44.7	89	60-140	
Chloromethane	ug/L	50	48.9	98	60-140	
cis-1,2-Dichloroethene	ug/L	50	51.3	103	60-140	
cis-1,3-Dichloropropene	ug/L	50	53.9	108	60-140	
Dibromochloromethane	ug/L	50	53.5	107	60-140	
Dibromomethane	ug/L	50	50.5	101	60-140	
Dichlorodifluoromethane	ug/L	50	47.2	94	60-140	
Diisopropyl ether	ug/L	50	46.5	93	60-140	
Ethylbenzene	ug/L	50	50.8	102	60-140	
Hexachloro-1,3-butadiene	ug/L	50	51.1	102	60-140	
Isopropylbenzene (Cumene)	ug/L	50	54.2	108	60-140	
m&p-Xylene	ug/L	100	104	104	60-140	
Methyl-tert-butyl ether	ug/L	50	46.3	93	60-140	
Methylene Chloride	ug/L	50	46.8	94	60-140	
n-Butylbenzene	ug/L	50	51.8	104	60-140	
n-Propylbenzene	ug/L	50	49.4	99	60-140	
Naphthalene	ug/L	50	49.4	99	60-140	
o-Xylene	ug/L	50	50.8	102	60-140	
sec-Butylbenzene	ug/L	50	50.1	100	60-140	
Styrene	ug/L	50	53.7	107	60-140	
tert-Butylbenzene	ug/L	50	42.9	86	60-140	
Tetrachloroethene	ug/L	50	51.8	104	60-140	
Toluene	ug/L	50	50.3	101	60-140	
trans-1,2-Dichloroethene	ug/L	50	51.9	104	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.5	107	60-140	
Trichloroethene	ug/L	50	50.5	101	60-140	
Trichlorofluoromethane	ug/L	50	43.2	86	60-140	
Vinyl chloride	ug/L	50	50.3	101	60-140	
1,2-Dichloroethane-d4 (S)	%			93	70-130	
4-Bromofluorobenzene (S)	%			105	70-130	
Toluene-d8 (S)	%			102	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3219798 3219799											
Parameter	Units	92531085002		MS	MSD	MS	MSD	% Rec	% Rec	% Rec	RPD
		Result	Conc.	Spike	Spike						
				Conc.	Conc.	Result	Result			Limits	Qual
1,1,1,2-Tetrachloroethane	ug/L	<62.2	4000	4000	4000	4350	4390	109	110	60-140	1
1,1,1-Trichloroethane	ug/L	<66.4	4000	4000	4000	4410	4670	110	117	60-140	6
1,1,2,2-Tetrachloroethane	ug/L	<45.0	4000	4000	4000	4230	4190	106	105	60-140	1
1,1,2-Trichloroethane	ug/L	<65.0	4000	4000	4000	4360	4490	109	112	60-140	3
1,1-Dichloroethane	ug/L	<73.4	4000	4000	4000	4380	4490	109	112	60-140	3
1,1-Dichloroethene	ug/L	<69.6	4000	4000	4000	4750	4760	119	119	60-140	0
1,1-Dichloropropene	ug/L	<85.4	4000	4000	4000	4480	4600	112	115	60-140	3
1,2,3-Trichlorobenzene	ug/L	<161	4000	4000	4000	3920	4220	98	106	60-140	7
1,2,3-Trichloropropane	ug/L	<52.2	4000	4000	4000	4150	4050	104	101	60-140	2
1,2,4-Trichlorobenzene	ug/L	<128	4000	4000	4000	3900	4180	98	104	60-140	7
1,2,4-Trimethylbenzene	ug/L	2730	4000	4000	4000	7040	7140	108	110	60-140	1
1,2-Dibromo-3-chloropropane	ug/L	<68.0	4000	4000	4000	3990	4320	100	108	60-140	8
1,2-Dibromoethane (EDB)	ug/L	673	4000	4000	4000	5080	5020	110	109	60-140	1
1,2-Dichlorobenzene	ug/L	<67.8	4000	4000	4000	4140	4120	103	103	60-140	0
1,2-Dichloroethane	ug/L	195	4000	4000	4000	4030	4110	96	98	60-140	2
1,2-Dichloropropane	ug/L	<71.0	4000	4000	4000	4510	4470	113	112	60-140	1
1,3,5-Trimethylbenzene	ug/L	<66.4	4000	4000	4000	5090	5240	127	131	60-140	3
1,3-Dichlorobenzene	ug/L	<68.0	4000	4000	4000	4200	4330	105	108	60-140	3
1,3-Dichloropropane	ug/L	<56.8	4000	4000	4000	4350	4310	109	108	60-140	1
1,4-Dichlorobenzene	ug/L	<66.6	4000	4000	4000	4280	4340	107	108	60-140	1
2,2-Dichloropropane	ug/L	<77.6	4000	4000	4000	4110	4130	103	103	60-140	0
2-Chlorotoluene	ug/L	<64.2	4000	4000	4000	4520	4500	113	113	60-140	0
4-Chlorotoluene	ug/L	<64.8	4000	4000	4000	4170	4290	104	107	60-140	3
Benzene	ug/L	15300	4000	4000	4000	19900	19300	116	100	60-140	3
Bromobenzene	ug/L	<58.0	4000	4000	4000	4250	4360	106	109	60-140	3
Bromochloromethane	ug/L	<93.6	4000	4000	4000	4310	4390	108	110	60-140	2
Bromodichloromethane	ug/L	<61.4	4000	4000	4000	4430	4430	111	111	60-140	0
Bromoform	ug/L	<68.2	4000	4000	4000	4380	4250	110	106	60-140	3
Bromomethane	ug/L	<332	4000	4000	4000	4860	4690	122	117	60-140	4
Carbon tetrachloride	ug/L	<66.6	4000	4000	4000	4630	4670	116	117	60-140	1
Chlorobenzene	ug/L	<56.8	4000	4000	4000	4430	4380	111	110	60-140	1
Chloroethane	ug/L	<130	4000	4000	4000	4970	4800	124	120	60-140	3
Chloroform	ug/L	<70.6	4000	4000	4000	3810	3860	95	97	60-140	1
Chloromethane	ug/L	<108	4000	4000	4000	3970	4100	99	102	60-140	3
cis-1,2-Dichloroethene	ug/L	<76.8	4000	4000	4000	4420	4570	110	114	60-140	3
cis-1,3-Dichloropropene	ug/L	<73.0	4000	4000	4000	4410	4400	110	110	60-140	0
Dibromochloromethane	ug/L	<71.8	4000	4000	4000	4580	4530	115	113	60-140	1
Dibromomethane	ug/L	<78.8	4000	4000	4000	4300	4230	108	106	60-140	2
Dichlorodifluoromethane	ug/L	<69.2	4000	4000	4000	3560	3680	89	92	60-140	3
Diisopropyl ether	ug/L	<61.6	4000	4000	4000	3970	4110	98	102	60-140	4
Ethylbenzene	ug/L	2220	4000	4000	4000	6600	6590	109	109	60-140	0
Hexachloro-1,3-butadiene	ug/L	<306	4000	4000	4000	4040	4180	101	105	60-140	4
Isopropylbenzene (Cumene)	ug/L	106	4000	4000	4000	4690	4720	115	115	60-140	1
m&p-Xylene	ug/L	10100	8000	8000	8000	19100	18800	113	110	60-140	1
Methyl-tert-butyl ether	ug/L	<84.4	4000	4000	4000	3920	4060	97	100	60-140	3
Methylene Chloride	ug/L	<390	4000	4000	4000	4150	4190	104	105	60-140	1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3219798 3219799											
Parameter	Units	92531085002		MS	MSD	3219798		MS	MSD	3219799	
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	% Rec	Qual
n-Butylbenzene	ug/L	<98.0	4000	4000	4000	4210	4170	105	104	60-140	1
n-Propylbenzene	ug/L	<68.0	4000	4000	4000	4550	4640	114	116	60-140	2
Naphthalene	ug/L	990	4000	4000	4000	4650	5050	91	101	60-140	8
o-Xylene	ug/L	4930	4000	4000	4000	9870	9280	123	109	60-140	6
sec-Butylbenzene	ug/L	<80.0	4000	4000	4000	4350	4450	109	111	60-140	2
Styrene	ug/L	75.4J	4000	4000	4000	4790	4600	118	113	60-140	4
tert-Butylbenzene	ug/L	<64.6	4000	4000	4000	3700	3820	93	95	60-140	3
Tetrachloroethene	ug/L	<58.4	4000	4000	4000	4370	4440	109	111	60-140	2
Toluene	ug/L	28400	4000	4000	4000	32700	33200	109	121	60-140	1
trans-1,2-Dichloroethene	ug/L	<79.2	4000	4000	4000	4470	4610	112	115	60-140	3
trans-1,3-Dichloropropene	ug/L	<72.6	4000	4000	4000	4360	4590	109	115	60-140	5
Trichloroethene	ug/L	<76.6	4000	4000	4000	4490	4410	112	110	60-140	2
Trichlorofluoromethane	ug/L	<59.6	4000	4000	4000	4500	4490	113	112	60-140	0
Vinyl chloride	ug/L	<77.2	4000	4000	4000	4110	4170	103	104	60-140	2
1,2-Dichloroethane-d4 (S)	%							98	102	70-130	
4-Bromofluorobenzene (S)	%							102	101	70-130	
Toluene-d8 (S)	%							100	105	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

QC Batch: 611676

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531238004, 92531238005, 92531238006, 92531238008

METHOD BLANK: 3219802

Matrix: Water

Associated Lab Samples: 92531238004, 92531238005, 92531238006, 92531238008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/06/21 20:38	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/06/21 20:38	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/06/21 20:38	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/06/21 20:38	
1,1-Dichloroethane	ug/L	ND	0.50	04/06/21 20:38	
1,1-Dichloroethene	ug/L	ND	0.50	04/06/21 20:38	
1,1-Dichloropropene	ug/L	ND	0.50	04/06/21 20:38	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/06/21 20:38	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/06/21 20:38	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/06/21 20:38	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/06/21 20:38	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/06/21 20:38	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/06/21 20:38	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/06/21 20:38	
1,2-Dichloroethane	ug/L	ND	0.50	04/06/21 20:38	
1,2-Dichloropropane	ug/L	ND	0.50	04/06/21 20:38	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/06/21 20:38	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/06/21 20:38	
1,3-Dichloropropane	ug/L	ND	0.50	04/06/21 20:38	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/06/21 20:38	
2,2-Dichloropropane	ug/L	ND	0.50	04/06/21 20:38	
2-Chlorotoluene	ug/L	ND	0.50	04/06/21 20:38	
4-Chlorotoluene	ug/L	ND	0.50	04/06/21 20:38	
Benzene	ug/L	ND	0.50	04/06/21 20:38	
Bromobenzene	ug/L	ND	0.50	04/06/21 20:38	
Bromochloromethane	ug/L	ND	0.50	04/06/21 20:38	
Bromodichloromethane	ug/L	ND	0.50	04/06/21 20:38	
Bromoform	ug/L	ND	0.50	04/06/21 20:38	
Bromomethane	ug/L	ND	5.0	04/06/21 20:38	
Carbon tetrachloride	ug/L	ND	0.50	04/06/21 20:38	
Chlorobenzene	ug/L	ND	0.50	04/06/21 20:38	
Chloroethane	ug/L	ND	1.0	04/06/21 20:38	
Chloroform	ug/L	ND	0.50	04/06/21 20:38	
Chloromethane	ug/L	ND	1.0	04/06/21 20:38	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/06/21 20:38	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/06/21 20:38	
Dibromochloromethane	ug/L	ND	0.50	04/06/21 20:38	
Dibromomethane	ug/L	ND	0.50	04/06/21 20:38	
Dichlorodifluoromethane	ug/L	ND	0.50	04/06/21 20:38	
Diisopropyl ether	ug/L	ND	0.50	04/06/21 20:38	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

METHOD BLANK: 3219802

Matrix: Water

Associated Lab Samples: 92531238004, 92531238005, 92531238006, 92531238008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/06/21 20:38	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/06/21 20:38	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/06/21 20:38	
m&p-Xylene	ug/L	ND	1.0	04/06/21 20:38	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/06/21 20:38	
Methylene Chloride	ug/L	ND	2.0	04/06/21 20:38	
n-Butylbenzene	ug/L	ND	0.50	04/06/21 20:38	
n-Propylbenzene	ug/L	ND	0.50	04/06/21 20:38	
Naphthalene	ug/L	ND	2.0	04/06/21 20:38	
o-Xylene	ug/L	ND	0.50	04/06/21 20:38	
sec-Butylbenzene	ug/L	ND	0.50	04/06/21 20:38	
Styrene	ug/L	ND	0.50	04/06/21 20:38	
tert-Butylbenzene	ug/L	ND	0.50	04/06/21 20:38	
Tetrachloroethene	ug/L	ND	0.50	04/06/21 20:38	
Toluene	ug/L	ND	0.50	04/06/21 20:38	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/06/21 20:38	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/06/21 20:38	
Trichloroethene	ug/L	ND	0.50	04/06/21 20:38	
Trichlorofluoromethane	ug/L	ND	1.0	04/06/21 20:38	
Vinyl chloride	ug/L	ND	1.0	04/06/21 20:38	
1,2-Dichloroethane-d4 (S)	%	96	70-130	04/06/21 20:38	
4-Bromofluorobenzene (S)	%	97	70-130	04/06/21 20:38	
Toluene-d8 (S)	%	107	70-130	04/06/21 20:38	

LABORATORY CONTROL SAMPLE: 3219803

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.9	98	60-140	
1,1,1-Trichloroethane	ug/L	50	48.5	97	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.1	98	60-140	
1,1,2-Trichloroethane	ug/L	50	48.6	97	60-140	
1,1-Dichloroethane	ug/L	50	49.2	98	60-140	
1,1-Dichloroethene	ug/L	50	51.2	102	60-140	
1,1-Dichloropropene	ug/L	50	47.4	95	60-140	
1,2,3-Trichlorobenzene	ug/L	50	47.4	95	60-140	
1,2,3-Trichloropropane	ug/L	50	47.8	96	60-140	
1,2,4-Trichlorobenzene	ug/L	50	46.4	93	60-140	
1,2,4-Trimethylbenzene	ug/L	50	46.9	94	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	49.9	100	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	48.2	96	60-140	
1,2-Dichlorobenzene	ug/L	50	47.3	95	60-140	
1,2-Dichloroethane	ug/L	50	43.0	86	60-140	
1,2-Dichloropropane	ug/L	50	49.5	99	60-140	
1,3,5-Trimethylbenzene	ug/L	50	48.0	96	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

LABORATORY CONTROL SAMPLE: 3219803

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	48.6	97	60-140	
1,4-Dichlorobenzene	ug/L	50	48.4	97	60-140	
2,2-Dichloropropane	ug/L	50	44.8	90	60-140	
2-Chlorotoluene	ug/L	50	48.1	96	60-140	
4-Chlorotoluene	ug/L	50	46.6	93	60-140	
Benzene	ug/L	50	49.0	98	60-140	
Bromobenzene	ug/L	50	47.1	94	60-140	
Bromochloromethane	ug/L	50	49.5	99	60-140	
Bromodichloromethane	ug/L	50	49.5	99	60-140	
Bromoform	ug/L	50	51.3	103	60-140	
Bromomethane	ug/L	50	48.3	97	60-140	
Carbon tetrachloride	ug/L	50	48.6	97	60-140	
Chlorobenzene	ug/L	50	47.9	96	60-140	
Chloroethane	ug/L	50	41.5	83	60-140	
Chloroform	ug/L	50	43.0	86	60-140	
Chloromethane	ug/L	50	47.1	94	60-140	
cis-1,2-Dichloroethene	ug/L	50	48.9	98	60-140	
cis-1,3-Dichloropropene	ug/L	50	48.4	97	60-140	
Dibromochloromethane	ug/L	50	52.3	105	60-140	
Dibromomethane	ug/L	50	47.5	95	60-140	
Dichlorodifluoromethane	ug/L	50	43.3	87	60-140	
Diisopropyl ether	ug/L	50	44.5	89	60-140	
Ethylbenzene	ug/L	50	47.4	95	60-140	
Hexachloro-1,3-butadiene	ug/L	50	44.5	89	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.4	101	60-140	
m&p-Xylene	ug/L	100	97.3	97	60-140	
Methyl-tert-butyl ether	ug/L	50	44.8	90	60-140	
Methylene Chloride	ug/L	50	45.2	90	60-140	
n-Butylbenzene	ug/L	50	46.2	92	60-140	
n-Propylbenzene	ug/L	50	46.7	93	60-140	
Naphthalene	ug/L	50	48.0	96	60-140	
o-Xylene	ug/L	50	47.9	96	60-140	
sec-Butylbenzene	ug/L	50	47.1	94	60-140	
Styrene	ug/L	50	50.4	101	60-140	
tert-Butylbenzene	ug/L	50	40.6	81	60-140	
Tetrachloroethene	ug/L	50	47.2	94	60-140	
Toluene	ug/L	50	47.4	95	60-140	
trans-1,2-Dichloroethene	ug/L	50	49.3	99	60-140	
trans-1,3-Dichloropropene	ug/L	50	49.3	99	60-140	
Trichloroethene	ug/L	50	47.8	96	60-140	
Trichlorofluoromethane	ug/L	50	41.8	84	60-140	
Vinyl chloride	ug/L	50	47.5	95	60-140	
1,2-Dichloroethane-d4 (S)	%			91	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Toluene-d8 (S)	%			101	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3219804 3219805											
Parameter	Units	92531231003		MS	MSD	MS		MSD	% Rec		Qual
		Result	Conc.	Spike	Spike	Result	Result	Result	% Rec	Limits	
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20	19.2	21.1	96	106	60-140	10
1,1,1-Trichloroethane	ug/L	ND	20	20	20	19.9	21.4	99	107	60-140	7
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20	19.2	21.1	96	105	60-140	9
1,1,2-Trichloroethane	ug/L	ND	20	20	20	18.6	20.8	93	104	60-140	11
1,1-Dichloroethane	ug/L	ND	20	20	20	20.2	21.1	101	105	60-140	4
1,1-Dichloroethene	ug/L	ND	20	20	20	21.5	22.3	107	112	60-140	4
1,1-Dichloropropene	ug/L	ND	20	20	20	20.2	21.2	101	106	60-140	5
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20	21.1	21.8	105	109	60-140	4
1,2,3-Trichloropropane	ug/L	ND	20	20	20	18.3	20.3	92	101	60-140	10
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20	20.8	21.5	104	107	60-140	3
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20	19.7	21.7	99	108	60-140	9
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20	20.8	23.3	104	116	60-140	11
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20	19.1	20.8	96	104	60-140	8
1,2-Dichlorobenzene	ug/L	ND	20	20	20	18.5	20.6	93	103	60-140	11
1,2-Dichloroethane	ug/L	ND	20	20	20	17.3	18.6	86	93	60-140	8
1,2-Dichloropropane	ug/L	ND	20	20	20	19.5	21.4	98	107	60-140	9
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20	19.9	22.0	100	110	60-140	10
1,3-Dichlorobenzene	ug/L	ND	20	20	20	18.8	20.7	94	104	60-140	10
1,3-Dichloropropane	ug/L	ND	20	20	20	19.3	21.1	96	106	60-140	9
1,4-Dichlorobenzene	ug/L	ND	20	20	20	19.0	21.1	95	105	60-140	10
2,2-Dichloropropane	ug/L	ND	20	20	20	21.1	22.2	106	111	60-140	5
2-Chlorotoluene	ug/L	ND	20	20	20	19.5	21.8	97	109	60-140	11
4-Chlorotoluene	ug/L	ND	20	20	20	18.8	20.5	94	103	60-140	9
Benzene	ug/L	ND	20	20	20	19.1	21.0	95	105	60-140	10
Bromobenzene	ug/L	ND	20	20	20	19.1	21.2	95	106	60-140	10
Bromochloromethane	ug/L	ND	20	20	20	19.3	20.5	96	103	60-140	6
Bromodichloromethane	ug/L	ND	20	20	20	19.3	21.4	96	107	60-140	10
Bromoforn	ug/L	ND	20	20	20	19.4	20.9	97	104	60-140	7
Bromomethane	ug/L	ND	20	20	20	20.4	21.7	102	108	60-140	6
Carbon tetrachloride	ug/L	ND	20	20	20	20.1	21.9	101	109	60-140	8
Chlorobenzene	ug/L	ND	20	20	20	19.3	21.0	96	105	60-140	9
Chloroethane	ug/L	ND	20	20	20	20.3	21.2	102	106	60-140	4
Chloroform	ug/L	ND	20	20	20	17.3	18.4	87	92	60-140	6
Chloromethane	ug/L	ND	20	20	20	19.2	19.5	96	97	60-140	1
cis-1,2-Dichloroethene	ug/L	ND	20	20	20	20.1	21.6	101	108	60-140	7
cis-1,3-Dichloropropene	ug/L	ND	20	20	20	19.7	21.5	98	108	60-140	9
Dibromochloromethane	ug/L	ND	20	20	20	19.9	22.0	99	110	60-140	10
Dibromomethane	ug/L	ND	20	20	20	18.8	20.3	94	101	60-140	7
Dichlorodifluoromethane	ug/L	ND	20	20	20	13.6	13.9	68	70	60-140	2
Diisopropyl ether	ug/L	ND	20	20	20	17.8	19.3	89	96	60-140	8
Ethylbenzene	ug/L	ND	20	20	20	19.4	20.9	97	105	60-140	8
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20	22.5	23.3	112	117	60-140	4
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20	20.5	22.1	102	110	60-140	7
m&p-Xylene	ug/L	ND	40	40	40	39.3	42.9	98	107	60-140	9
Methyl-tert-butyl ether	ug/L	ND	20	20	20	17.9	19.0	89	95	60-140	6
Methylene Chloride	ug/L	ND	20	20	20	18.8	20.0	94	100	60-140	6

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3219804				3219805							
Parameter	92531231003		MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.							
n-Butylbenzene	ug/L	ND	20	20	20.4	22.1	102	111	60-140	8	
n-Propylbenzene	ug/L	ND	20	20	19.7	21.7	98	108	60-140	10	
Naphthalene	ug/L	ND	20	20	20.1	21.4	101	107	60-140	6	
o-Xylene	ug/L	ND	20	20	19.2	20.7	96	103	60-140	7	
sec-Butylbenzene	ug/L	ND	20	20	20.0	22.0	100	110	60-140	10	
Styrene	ug/L	ND	20	20	19.0	21.1	95	105	60-140	10	
tert-Butylbenzene	ug/L	ND	20	20	17.1	19.1	86	95	60-140	11	
Tetrachloroethene	ug/L	ND	20	20	20.2	21.2	101	106	60-140	5	
Toluene	ug/L	1.6	20	20	20.1	23.6	93	110	60-140	16	
trans-1,2-Dichloroethene	ug/L	ND	20	20	20.5	21.9	103	109	60-140	6	
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.6	21.8	98	109	60-140	10	
Trichloroethene	ug/L	ND	20	20	19.1	20.9	95	104	60-140	9	
Trichlorofluoromethane	ug/L	ND	20	20	18.3	19.7	92	98	60-140	7	
Vinyl chloride	ug/L	ND	20	20	18.2	19.0	91	95	60-140	4	
1,2-Dichloroethane-d4 (S)	%						102	101	70-130		
4-Bromofluorobenzene (S)	%						101	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

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QUALIFIERS

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville (4/5/21)

Pace Project No.: 92531238

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531238001	MW-64	MADEP VPH	611503		
92531238002	MW-65	MADEP VPH	611503		
92531238003	MW-65D	MADEP VPH	611760		
92531238004	MW-70	MADEP VPH	611760		
92531238005	MW-74	MADEP VPH	611760		
92531238006	MW-75	MADEP VPH	611760		
92531238007	EB-1-20210405	MADEP VPH	611760		
92531238008	DUP-1-20210405	MADEP VPH	611760		
92531238001	MW-64	EPA 3010A	611594	EPA 6010D	611623
92531238002	MW-65	EPA 3010A	611594	EPA 6010D	611623
92531238003	MW-65D	EPA 3010A	611594	EPA 6010D	611623
92531238004	MW-70	EPA 3010A	611594	EPA 6010D	611623
92531238005	MW-74	EPA 3010A	611594	EPA 6010D	611623
92531238006	MW-75	EPA 3010A	611594	EPA 6010D	611623
92531238007	EB-1-20210405	EPA 3010A	611594	EPA 6010D	611623
92531238008	DUP-1-20210405	EPA 3010A	611594	EPA 6010D	611623
92531238001	MW-64	SM 6200B	611675		
92531238002	MW-65	SM 6200B	611675		
92531238003	MW-65D	SM 6200B	611675		
92531238004	MW-70	SM 6200B	611676		
92531238005	MW-74	SM 6200B	611676		
92531238006	MW-75	SM 6200B	611676		
92531238007	EB-1-20210405	SM 6200B	611675		
92531238008	DUP-1-20210405	SM 6200B	611676		
92531238009	Trip Blank	SM 6200B	611675		

REPORT OF LABORATORY ANALYSIS

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Laboratory receiving samples:

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

Sample Condition
Upon Receipt

Client Name:

AECOM

Project #:

WO# : 92531238



92531238

Courier:

☐ Commercial

☐ Fed Ex

☐ UPS

☐ USPS

☒ Client

☐ Pace

☐ Other: _____

Custody Seal Present?

☐ Yes

☒ No

Seals Intact?

☐ Yes

☐ No

Date/Initials Person Examining Contents:

3/4/21

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:

2.1

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):

2.1

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

EB 1-20210405 not received 4/5/21

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

W0# : 92531238

PM: NMG

Due Date: 04/12/21

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 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)-S035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																7												
2																7												
3																7												
4																7												
5																7												
6																7												
7																7												
8																7												
9																2												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

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

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

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 Wreschnig
Copy To:
Purchase Order #:
Project Name: CFC Huntersville
Project #:

Section C

Invoice Information:

Attention:
Company Name:
Address:
Pace Quote:
Pace Project Manager: nicole.gastrowski@pacelabs.com
Pace Profile #: 12518

Page : 1 Of 1

Regulatory Agency

State / Location

NC

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 / . -) Sample IDs must be unique	MATRIX Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Other Tissue	CODE DW WT WW P SL OL WP AR OT TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Analyses Test	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	SAMPLE CONDITIONS
						START	END							
1	MW-64				G	4/5/21	6:40		8	XX	XXXX			001
2	MW-65													002
3	MW-65D													003
4	MW-70													004
5	MW-74													005
6	MW-75													006
7	EB-1-20210405						1430							007
8	DUP-1-20210405													008
9	Trip Blank													009
10														
11														
12														

SAMPLER NAME AND SIGNATURE	
PRINT Name of SAMPLER: Emily Love	DATE Signed: 4/5/2021
SIGNATURE of SAMPLER: Emily Love	
TEMP in C	Received on Ice (Y/N)
	Custody Sealed Cooler (Y/N)
	Samples Intact (Y/N)

April 09, 2021

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

RE: Project: CPC Huntersville (4/6/21)
Pace Project No.: 92531580

Dear Andrew Wreschnig:

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

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CERTIFICATIONS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531580001	MW-08	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531580002	MW-13	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531580003	MW-14	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531580004	MW-44	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531580005	MW-45	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531580006	MW-46	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531580007	MW-49	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531580008	MW-50	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531580009	MW-51	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531580010	MW-60	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531580011	MW-76	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531580012	MW-62D	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531580013	EB-1-20210406	MADEP VPH	LMB	6	PASI-C

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531580014	Trip Blank	EPA 6010D	SH1	1	PASI-A
		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

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Sample: MW-08		Lab ID: 92531580001		Collected: 04/06/21 09:15		Received: 04/06/21 17:15		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		04/07/21 17:40		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/07/21 17:40		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/07/21 17:40		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/07/21 17:40		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	94	%	70-130	1		04/07/21 17:40	460-00-4		
4-Bromofluorobenzene (PID) (S)	90	%	70-130	1		04/07/21 17:40	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	04/08/21 02:05	04/08/21 14:57	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/07/21 16:01	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/07/21 16:01	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/07/21 16:01	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/07/21 16:01	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/07/21 16:01	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/07/21 16:01	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/07/21 16:01	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/07/21 16:01	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/07/21 16:01	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/07/21 16:01	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/07/21 16:01	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/07/21 16:01	75-00-3		
Chloroform	0.70	ug/L	0.50	1		04/07/21 16:01	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/07/21 16:01	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 16:01	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 16:01	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/07/21 16:01	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/07/21 16:01	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/07/21 16:01	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/07/21 16:01	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 16:01	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 16:01	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 16:01	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/07/21 16:01	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/07/21 16:01	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/07/21 16:01	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/07/21 16:01	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 16:01	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 16:01	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 16:01	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/07/21 16:01	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 16:01	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Sample: MW-08		Lab ID: 92531580001	Collected: 04/06/21 09:15	Received: 04/06/21 17:15	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		04/07/21 16:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 16:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 16:01	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/07/21 16:01	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/07/21 16:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/07/21 16:01	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/07/21 16:01	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/07/21 16:01	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/07/21 16:01	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/07/21 16:01	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/07/21 16:01	103-65-1	
Styrene	ND	ug/L	0.50	1		04/07/21 16:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 16:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 16:01	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		04/07/21 16:01	127-18-4	
Toluene	ND	ug/L	0.50	1		04/07/21 16:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 16:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 16:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/07/21 16:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/07/21 16:01	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		04/07/21 16:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/07/21 16:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/07/21 16:01	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 16:01	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 16:01	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		04/07/21 16:01	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		04/07/21 16:01	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		04/07/21 16:01	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		04/07/21 16:01	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130	1		04/07/21 16:01	460-00-4	
Toluene-d8 (S)	102	%	70-130	1		04/07/21 16:01	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Sample: MW-13		Lab ID: 92531580002		Collected: 04/06/21 10:10		Received: 04/06/21 17:15		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		04/07/21 18:08		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/07/21 18:08		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/07/21 18:08		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/07/21 18:08		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	93	%	70-130	1		04/07/21 18:08	460-00-4		
4-Bromofluorobenzene (PID) (S)	89	%	70-130	1		04/07/21 18:08	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/08/21 02:05	04/08/21 15:16	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/07/21 16:19	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/07/21 16:19	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/07/21 16:19	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/07/21 16:19	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/07/21 16:19	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/07/21 16:19	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/07/21 16:19	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/07/21 16:19	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/07/21 16:19	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/07/21 16:19	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/07/21 16:19	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/07/21 16:19	75-00-3		
Chloroform	2.8	ug/L	0.50	1		04/07/21 16:19	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/07/21 16:19	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 16:19	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 16:19	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/07/21 16:19	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/07/21 16:19	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/07/21 16:19	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/07/21 16:19	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 16:19	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 16:19	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 16:19	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/07/21 16:19	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/07/21 16:19	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/07/21 16:19	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/07/21 16:19	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 16:19	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 16:19	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 16:19	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/07/21 16:19	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 16:19	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Sample: MW-13		Lab ID: 92531580002		Collected: 04/06/21 10:10		Received: 04/06/21 17:15		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		04/07/21 16:19	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 16:19	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 16:19	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/07/21 16:19	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/07/21 16:19	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/07/21 16:19	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/07/21 16:19	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/07/21 16:19	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/07/21 16:19	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/07/21 16:19	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/07/21 16:19	103-65-1		
Styrene	ND	ug/L	0.50	1		04/07/21 16:19	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 16:19	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 16:19	79-34-5		
Tetrachloroethene	0.58	ug/L	0.50	1		04/07/21 16:19	127-18-4		
Toluene	0.65	ug/L	0.50	1		04/07/21 16:19	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 16:19	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 16:19	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/07/21 16:19	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/07/21 16:19	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/07/21 16:19	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/07/21 16:19	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/07/21 16:19	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 16:19	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 16:19	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/07/21 16:19	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/07/21 16:19	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/07/21 16:19	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		04/07/21 16:19	17060-07-0		
4-Bromofluorobenzene (S)	97	%	70-130	1		04/07/21 16:19	460-00-4		
Toluene-d8 (S)	102	%	70-130	1		04/07/21 16:19	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Sample: MW-14		Lab ID: 92531580003		Collected: 04/06/21 10:50		Received: 04/06/21 17:15		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		04/07/21 18:37		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/07/21 18:37		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/07/21 18:37		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/07/21 18:37		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130	1		04/07/21 18:37	460-00-4		
4-Bromofluorobenzene (PID) (S)	92	%	70-130	1		04/07/21 18:37	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	04/08/21 02:05	04/08/21 15:19	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/07/21 16:37	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/07/21 16:37	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/07/21 16:37	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/07/21 16:37	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/07/21 16:37	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/07/21 16:37	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/07/21 16:37	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/07/21 16:37	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/07/21 16:37	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/07/21 16:37	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/07/21 16:37	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/07/21 16:37	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/07/21 16:37	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/07/21 16:37	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 16:37	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 16:37	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/07/21 16:37	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/07/21 16:37	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/07/21 16:37	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/07/21 16:37	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 16:37	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 16:37	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 16:37	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/07/21 16:37	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/07/21 16:37	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/07/21 16:37	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/07/21 16:37	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 16:37	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 16:37	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 16:37	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/07/21 16:37	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 16:37	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Sample: MW-14		Lab ID: 92531580003	Collected: 04/06/21 10:50	Received: 04/06/21 17:15	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		04/07/21 16:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 16:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 16:37	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/07/21 16:37	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/07/21 16:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/07/21 16:37	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/07/21 16:37	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/07/21 16:37	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/07/21 16:37	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/07/21 16:37	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/07/21 16:37	103-65-1	
Styrene	ND	ug/L	0.50	1		04/07/21 16:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 16:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 16:37	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		04/07/21 16:37	127-18-4	
Toluene	ND	ug/L	0.50	1		04/07/21 16:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 16:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 16:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/07/21 16:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/07/21 16:37	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		04/07/21 16:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/07/21 16:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/07/21 16:37	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 16:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 16:37	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		04/07/21 16:37	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		04/07/21 16:37	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		04/07/21 16:37	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		04/07/21 16:37	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130	1		04/07/21 16:37	460-00-4	
Toluene-d8 (S)	108	%	70-130	1		04/07/21 16:37	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Sample: MW-44		Lab ID: 92531580004		Collected: 04/06/21 09:10		Received: 04/06/21 17:15		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		04/07/21 19:08		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/07/21 19:08		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/07/21 19:08		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/07/21 19:08		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	83	%	70-130	1		04/07/21 19:08	460-00-4		
4-Bromofluorobenzene (PID) (S)	80	%	70-130	1		04/07/21 19:08	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/08/21 02:05	04/08/21 15:22	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/07/21 16:55	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/07/21 16:55	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/07/21 16:55	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/07/21 16:55	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/07/21 16:55	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/07/21 16:55	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/07/21 16:55	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/07/21 16:55	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/07/21 16:55	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/07/21 16:55	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/07/21 16:55	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/07/21 16:55	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/07/21 16:55	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/07/21 16:55	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 16:55	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 16:55	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/07/21 16:55	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/07/21 16:55	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/07/21 16:55	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/07/21 16:55	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 16:55	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 16:55	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 16:55	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/07/21 16:55	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/07/21 16:55	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/07/21 16:55	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/07/21 16:55	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 16:55	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 16:55	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 16:55	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/07/21 16:55	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 16:55	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Sample: MW-44		Lab ID: 92531580004		Collected: 04/06/21 09:10		Received: 04/06/21 17:15		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		04/07/21 16:55	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 16:55	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 16:55	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/07/21 16:55	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/07/21 16:55	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/07/21 16:55	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/07/21 16:55	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/07/21 16:55	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/07/21 16:55	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/07/21 16:55	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/07/21 16:55	103-65-1		
Styrene	ND	ug/L	0.50	1		04/07/21 16:55	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 16:55	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 16:55	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/07/21 16:55	127-18-4		
Toluene	ND	ug/L	0.50	1		04/07/21 16:55	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 16:55	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 16:55	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/07/21 16:55	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/07/21 16:55	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/07/21 16:55	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/07/21 16:55	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/07/21 16:55	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 16:55	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 16:55	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/07/21 16:55	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/07/21 16:55	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/07/21 16:55	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		04/07/21 16:55	17060-07-0		
4-Bromofluorobenzene (S)	96	%	70-130	1		04/07/21 16:55	460-00-4		
Toluene-d8 (S)	103	%	70-130	1		04/07/21 16:55	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Sample: MW-45		Lab ID: 92531580005		Collected: 04/06/21 11:10		Received: 04/06/21 17:15		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		04/07/21 19:36		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/07/21 19:36		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/07/21 19:36		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/07/21 19:36		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	94	%	70-130	1		04/07/21 19:36	460-00-4		
4-Bromofluorobenzene (PID) (S)	90	%	70-130	1		04/07/21 19:36	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/08/21 02:05	04/08/21 15:25	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/07/21 17:13	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/07/21 17:13	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/07/21 17:13	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/07/21 17:13	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/07/21 17:13	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/07/21 17:13	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/07/21 17:13	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/07/21 17:13	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/07/21 17:13	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/07/21 17:13	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/07/21 17:13	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/07/21 17:13	75-00-3		
Chloroform	2.1	ug/L	0.50	1		04/07/21 17:13	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/07/21 17:13	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 17:13	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 17:13	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/07/21 17:13	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/07/21 17:13	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/07/21 17:13	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/07/21 17:13	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 17:13	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 17:13	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 17:13	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/07/21 17:13	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/07/21 17:13	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/07/21 17:13	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/07/21 17:13	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 17:13	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 17:13	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 17:13	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/07/21 17:13	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 17:13	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Sample: MW-45		Lab ID: 92531580005		Collected: 04/06/21 11:10		Received: 04/06/21 17:15		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		04/07/21 17:13	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 17:13	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 17:13	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/07/21 17:13	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/07/21 17:13	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/07/21 17:13	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/07/21 17:13	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/07/21 17:13	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/07/21 17:13	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/07/21 17:13	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/07/21 17:13	103-65-1		
Styrene	ND	ug/L	0.50	1		04/07/21 17:13	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 17:13	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 17:13	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/07/21 17:13	127-18-4		
Toluene	ND	ug/L	0.50	1		04/07/21 17:13	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 17:13	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 17:13	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/07/21 17:13	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/07/21 17:13	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/07/21 17:13	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/07/21 17:13	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/07/21 17:13	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 17:13	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 17:13	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/07/21 17:13	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/07/21 17:13	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/07/21 17:13	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		04/07/21 17:13	17060-07-0		
4-Bromofluorobenzene (S)	96	%	70-130	1		04/07/21 17:13	460-00-4		
Toluene-d8 (S)	102	%	70-130	1		04/07/21 17:13	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Sample: MW-46		Lab ID: 92531580006		Collected: 04/06/21 12:25		Received: 04/06/21 17:15		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		04/07/21 20:05		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/07/21 20:05		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/07/21 20:05		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/07/21 20:05		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	95	%	70-130	1		04/07/21 20:05	460-00-4		
4-Bromofluorobenzene (PID) (S)	92	%	70-130	1		04/07/21 20:05	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	04/08/21 02:05	04/08/21 15:29	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/07/21 17:31	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/07/21 17:31	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/07/21 17:31	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/07/21 17:31	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/07/21 17:31	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/07/21 17:31	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/07/21 17:31	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/07/21 17:31	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/07/21 17:31	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/07/21 17:31	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/07/21 17:31	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/07/21 17:31	75-00-3		
Chloroform	1.6	ug/L	0.50	1		04/07/21 17:31	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/07/21 17:31	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 17:31	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 17:31	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/07/21 17:31	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/07/21 17:31	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/07/21 17:31	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/07/21 17:31	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 17:31	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 17:31	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 17:31	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/07/21 17:31	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/07/21 17:31	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/07/21 17:31	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/07/21 17:31	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 17:31	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 17:31	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 17:31	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/07/21 17:31	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 17:31	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Sample: MW-46		Lab ID: 92531580006		Collected: 04/06/21 12:25		Received: 04/06/21 17:15		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		04/07/21 17:31	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 17:31	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 17:31	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/07/21 17:31	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/07/21 17:31	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/07/21 17:31	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/07/21 17:31	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/07/21 17:31	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/07/21 17:31	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/07/21 17:31	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/07/21 17:31	103-65-1		
Styrene	ND	ug/L	0.50	1		04/07/21 17:31	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 17:31	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 17:31	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/07/21 17:31	127-18-4		
Toluene	ND	ug/L	0.50	1		04/07/21 17:31	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 17:31	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 17:31	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/07/21 17:31	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/07/21 17:31	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/07/21 17:31	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/07/21 17:31	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/07/21 17:31	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 17:31	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 17:31	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/07/21 17:31	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/07/21 17:31	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/07/21 17:31	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		04/07/21 17:31	17060-07-0		
4-Bromofluorobenzene (S)	96	%	70-130	1		04/07/21 17:31	460-00-4		
Toluene-d8 (S)	100	%	70-130	1		04/07/21 17:31	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Sample: MW-49		Lab ID: 92531580007		Collected: 04/06/21 09:20		Received: 04/06/21 17:15		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		04/07/21 20:33		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/07/21 20:33		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/07/21 20:33		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/07/21 20:33		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	93	%	70-130	1		04/07/21 20:33	460-00-4		
4-Bromofluorobenzene (PID) (S)	89	%	70-130	1		04/07/21 20:33	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/08/21 02:05	04/08/21 15:32	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/07/21 17:49	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/07/21 17:49	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/07/21 17:49	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/07/21 17:49	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/07/21 17:49	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/07/21 17:49	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/07/21 17:49	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/07/21 17:49	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/07/21 17:49	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/07/21 17:49	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/07/21 17:49	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/07/21 17:49	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/07/21 17:49	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/07/21 17:49	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 17:49	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 17:49	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/07/21 17:49	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/07/21 17:49	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/07/21 17:49	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/07/21 17:49	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 17:49	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 17:49	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 17:49	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/07/21 17:49	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/07/21 17:49	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/07/21 17:49	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/07/21 17:49	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 17:49	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 17:49	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 17:49	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/07/21 17:49	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 17:49	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Sample: MW-49		Lab ID: 92531580007		Collected: 04/06/21 09:20		Received: 04/06/21 17:15		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		04/07/21 17:49	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 17:49	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 17:49	10061-02-6		
Diisopropyl ether	1.3	ug/L	0.50	1		04/07/21 17:49	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/07/21 17:49	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/07/21 17:49	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/07/21 17:49	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/07/21 17:49	75-09-2		
Methyl-tert-butyl ether	0.58	ug/L	0.50	1		04/07/21 17:49	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/07/21 17:49	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/07/21 17:49	103-65-1		
Styrene	ND	ug/L	0.50	1		04/07/21 17:49	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 17:49	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 17:49	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/07/21 17:49	127-18-4		
Toluene	ND	ug/L	0.50	1		04/07/21 17:49	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 17:49	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 17:49	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/07/21 17:49	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/07/21 17:49	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/07/21 17:49	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/07/21 17:49	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/07/21 17:49	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 17:49	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 17:49	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/07/21 17:49	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/07/21 17:49	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/07/21 17:49	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		04/07/21 17:49	17060-07-0		
4-Bromofluorobenzene (S)	95	%	70-130	1		04/07/21 17:49	460-00-4		
Toluene-d8 (S)	103	%	70-130	1		04/07/21 17:49	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Sample: MW-50		Lab ID: 92531580008	Collected: 04/06/21 11:45	Received: 04/06/21 17:15	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)	6130	ug/L	100	2		04/08/21 18:05		N2
Aliphatic (C09-C12)	2170	ug/L	100	2		04/08/21 18:05		N2
Aliphatic(C09-C12) Adjusted	1910	ug/L	100	2		04/08/21 18:05		N2
Aromatic (C09-C10)	263	ug/L	100	2		04/08/21 18:05		N2
Surrogates								
4-Bromofluorobenzene (FID) (S)	94	%	70-130	2		04/08/21 18:05	460-00-4	
4-Bromofluorobenzene (PID) (S)	90	%	70-130	2		04/08/21 18:05	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	04/08/21 02:05	04/08/21 15:35	7439-92-1	
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte						
Benzene	701	ug/L	2.5	5		04/08/21 13:55	71-43-2	
Bromobenzene	ND	ug/L	2.5	5		04/08/21 13:55	108-86-1	
Bromochloromethane	ND	ug/L	2.5	5		04/08/21 13:55	74-97-5	
Bromodichloromethane	ND	ug/L	2.5	5		04/08/21 13:55	75-27-4	
Bromoform	ND	ug/L	2.5	5		04/08/21 13:55	75-25-2	
Bromomethane	ND	ug/L	25.0	5		04/08/21 13:55	74-83-9	
n-Butylbenzene	ND	ug/L	2.5	5		04/08/21 13:55	104-51-8	
sec-Butylbenzene	ND	ug/L	2.5	5		04/08/21 13:55	135-98-8	
tert-Butylbenzene	ND	ug/L	2.5	5		04/08/21 13:55	98-06-6	
Carbon tetrachloride	ND	ug/L	2.5	5		04/08/21 13:55	56-23-5	
Chlorobenzene	ND	ug/L	2.5	5		04/08/21 13:55	108-90-7	
Chloroethane	ND	ug/L	5.0	5		04/08/21 13:55	75-00-3	
Chloroform	ND	ug/L	2.5	5		04/08/21 13:55	67-66-3	
Chloromethane	ND	ug/L	5.0	5		04/08/21 13:55	74-87-3	
2-Chlorotoluene	ND	ug/L	2.5	5		04/08/21 13:55	95-49-8	
4-Chlorotoluene	ND	ug/L	2.5	5		04/08/21 13:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	5		04/08/21 13:55	96-12-8	
Dibromochloromethane	ND	ug/L	2.5	5		04/08/21 13:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	2.5	5		04/08/21 13:55	106-93-4	
Dibromomethane	ND	ug/L	2.5	5		04/08/21 13:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	2.5	5		04/08/21 13:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	2.5	5		04/08/21 13:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	2.5	5		04/08/21 13:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	2.5	5		04/08/21 13:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	2.5	5		04/08/21 13:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.5	5		04/08/21 13:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.5	5		04/08/21 13:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.5	5		04/08/21 13:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.5	5		04/08/21 13:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.5	5		04/08/21 13:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	2.5	5		04/08/21 13:55	142-28-9	
2,2-Dichloropropane	ND	ug/L	2.5	5		04/08/21 13:55	594-20-7	

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Sample: MW-50		Lab ID: 92531580008		Collected: 04/06/21 11:45		Received: 04/06/21 17:15		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	2.5	5		04/08/21 13:55	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	2.5	5		04/08/21 13:55	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	2.5	5		04/08/21 13:55	10061-02-6		
Diisopropyl ether	114	ug/L	2.5	5		04/08/21 13:55	108-20-3		
Ethylbenzene	4.0	ug/L	2.5	5		04/08/21 13:55	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	10.0	5		04/08/21 13:55	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	2.5	5		04/08/21 13:55	98-82-8		
Methylene Chloride	ND	ug/L	10.0	5		04/08/21 13:55	75-09-2		
Methyl-tert-butyl ether	46.9	ug/L	2.5	5		04/08/21 13:55	1634-04-4		
Naphthalene	14.1	ug/L	10.0	5		04/08/21 13:55	91-20-3		
n-Propylbenzene	ND	ug/L	2.5	5		04/08/21 13:55	103-65-1		
Styrene	ND	ug/L	2.5	5		04/08/21 13:55	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.5	5		04/08/21 13:55	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.5	5		04/08/21 13:55	79-34-5		
Tetrachloroethene	ND	ug/L	2.5	5		04/08/21 13:55	127-18-4		
Toluene	290	ug/L	2.5	5		04/08/21 13:55	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	10.0	5		04/08/21 13:55	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	10.0	5		04/08/21 13:55	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	2.5	5		04/08/21 13:55	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	2.5	5		04/08/21 13:55	79-00-5		
Trichloroethene	ND	ug/L	2.5	5		04/08/21 13:55	79-01-6		
Trichlorofluoromethane	ND	ug/L	5.0	5		04/08/21 13:55	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	2.5	5		04/08/21 13:55	96-18-4		
1,2,4-Trimethylbenzene	89.2	ug/L	2.5	5		04/08/21 13:55	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	2.5	5		04/08/21 13:55	108-67-8		
Vinyl chloride	ND	ug/L	5.0	5		04/08/21 13:55	75-01-4		
m&p-Xylene	563	ug/L	5.0	5		04/08/21 13:55	179601-23-1		
o-Xylene	322	ug/L	2.5	5		04/08/21 13:55	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130	5		04/08/21 13:55	17060-07-0		
4-Bromofluorobenzene (S)	99	%	70-130	5		04/08/21 13:55	460-00-4		
Toluene-d8 (S)	101	%	70-130	5		04/08/21 13:55	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Sample: MW-51		Lab ID: 92531580009		Collected: 04/06/21 12:50		Received: 04/06/21 17:15		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		04/07/21 21:30		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/07/21 21:30		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/07/21 21:30		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/07/21 21:30		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	92	%	70-130	1		04/07/21 21:30	460-00-4		
4-Bromofluorobenzene (PID) (S)	89	%	70-130	1		04/07/21 21:30	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/08/21 02:05	04/08/21 15:38	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/08/21 01:01	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/08/21 01:01	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/08/21 01:01	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/08/21 01:01	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/08/21 01:01	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/08/21 01:01	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/08/21 01:01	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/08/21 01:01	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/08/21 01:01	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/08/21 01:01	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/08/21 01:01	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/08/21 01:01	75-00-3		
Chloroform	1.6	ug/L	0.50	1		04/08/21 01:01	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/08/21 01:01	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 01:01	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 01:01	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/08/21 01:01	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/08/21 01:01	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/08/21 01:01	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/08/21 01:01	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 01:01	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 01:01	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 01:01	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/08/21 01:01	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/08/21 01:01	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/08/21 01:01	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/08/21 01:01	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 01:01	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 01:01	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 01:01	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/08/21 01:01	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 01:01	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Sample: MW-51		Lab ID: 92531580009		Collected: 04/06/21 12:50		Received: 04/06/21 17:15		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		04/08/21 01:01	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 01:01	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 01:01	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/08/21 01:01	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/08/21 01:01	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/08/21 01:01	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/08/21 01:01	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/08/21 01:01	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/08/21 01:01	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/08/21 01:01	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/08/21 01:01	103-65-1		
Styrene	ND	ug/L	0.50	1		04/08/21 01:01	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 01:01	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 01:01	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/08/21 01:01	127-18-4		
Toluene	ND	ug/L	0.50	1		04/08/21 01:01	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 01:01	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 01:01	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/08/21 01:01	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/08/21 01:01	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/08/21 01:01	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/08/21 01:01	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/08/21 01:01	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 01:01	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 01:01	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/08/21 01:01	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/08/21 01:01	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/08/21 01:01	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		04/08/21 01:01	17060-07-0		
4-Bromofluorobenzene (S)	95	%	70-130	1		04/08/21 01:01	460-00-4		
Toluene-d8 (S)	102	%	70-130	1		04/08/21 01:01	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Sample: MW-60		Lab ID: 92531580010		Collected: 04/06/21 10:30		Received: 04/06/21 17:15		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		04/07/21 21:58		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/07/21 21:58		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/07/21 21:58		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/07/21 21:58		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	93	%	70-130	1		04/07/21 21:58	460-00-4		
4-Bromofluorobenzene (PID) (S)	90	%	70-130	1		04/07/21 21:58	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/08/21 02:05	04/08/21 15:41	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/07/21 23:49	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/07/21 23:49	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/07/21 23:49	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/07/21 23:49	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/07/21 23:49	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/07/21 23:49	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/07/21 23:49	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/07/21 23:49	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/07/21 23:49	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/07/21 23:49	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/07/21 23:49	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/07/21 23:49	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/07/21 23:49	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/07/21 23:49	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 23:49	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 23:49	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/07/21 23:49	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/07/21 23:49	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/07/21 23:49	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/07/21 23:49	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 23:49	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 23:49	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 23:49	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/07/21 23:49	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/07/21 23:49	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/07/21 23:49	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/07/21 23:49	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 23:49	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 23:49	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 23:49	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/07/21 23:49	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 23:49	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Sample: MW-60		Lab ID: 92531580010		Collected: 04/06/21 10:30		Received: 04/06/21 17:15		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		04/07/21 23:49	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 23:49	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 23:49	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/07/21 23:49	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/07/21 23:49	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/07/21 23:49	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/07/21 23:49	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/07/21 23:49	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/07/21 23:49	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/07/21 23:49	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/07/21 23:49	103-65-1		
Styrene	ND	ug/L	0.50	1		04/07/21 23:49	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 23:49	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 23:49	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/07/21 23:49	127-18-4		
Toluene	ND	ug/L	0.50	1		04/07/21 23:49	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 23:49	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 23:49	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/07/21 23:49	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/07/21 23:49	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/07/21 23:49	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/07/21 23:49	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/07/21 23:49	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 23:49	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 23:49	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/07/21 23:49	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/07/21 23:49	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/07/21 23:49	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		04/07/21 23:49	17060-07-0		
4-Bromofluorobenzene (S)	95	%	70-130	1		04/07/21 23:49	460-00-4		
Toluene-d8 (S)	102	%	70-130	1		04/07/21 23:49	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Sample: MW-76		Lab ID: 92531580011		Collected: 04/06/21 12:15		Received: 04/06/21 17:15		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		04/07/21 22:27		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/07/21 22:27		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/07/21 22:27		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/07/21 22:27		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	91	%	70-130	1		04/07/21 22:27	460-00-4		
4-Bromofluorobenzene (PID) (S)	88	%	70-130	1		04/07/21 22:27	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/08/21 02:05	04/08/21 15:57	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/08/21 00:07	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/08/21 00:07	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/08/21 00:07	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/08/21 00:07	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/08/21 00:07	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/08/21 00:07	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/08/21 00:07	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/08/21 00:07	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/08/21 00:07	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/08/21 00:07	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/08/21 00:07	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/08/21 00:07	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/08/21 00:07	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/08/21 00:07	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 00:07	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 00:07	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/08/21 00:07	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/08/21 00:07	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/08/21 00:07	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/08/21 00:07	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 00:07	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 00:07	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 00:07	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/08/21 00:07	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/08/21 00:07	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/08/21 00:07	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/08/21 00:07	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 00:07	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 00:07	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 00:07	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/08/21 00:07	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 00:07	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Sample: MW-76		Lab ID: 92531580011	Collected: 04/06/21 12:15	Received: 04/06/21 17:15	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		04/08/21 00:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 00:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 00:07	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/08/21 00:07	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/08/21 00:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/08/21 00:07	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/08/21 00:07	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/08/21 00:07	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/08/21 00:07	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/08/21 00:07	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/08/21 00:07	103-65-1	
Styrene	ND	ug/L	0.50	1		04/08/21 00:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 00:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 00:07	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		04/08/21 00:07	127-18-4	
Toluene	ND	ug/L	0.50	1		04/08/21 00:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 00:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 00:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/08/21 00:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/08/21 00:07	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		04/08/21 00:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/08/21 00:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/08/21 00:07	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 00:07	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 00:07	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		04/08/21 00:07	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		04/08/21 00:07	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		04/08/21 00:07	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		04/08/21 00:07	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130	1		04/08/21 00:07	460-00-4	
Toluene-d8 (S)	101	%	70-130	1		04/08/21 00:07	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Sample: MW-62D		Lab ID: 92531580012		Collected: 04/06/21 15:20		Received: 04/06/21 17:15		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		04/07/21 22:55		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/07/21 22:55		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/07/21 22:55		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/07/21 22:55		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	95	%	70-130	1		04/07/21 22:55	460-00-4		
4-Bromofluorobenzene (PID) (S)	90	%	70-130	1		04/07/21 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	1	04/08/21 02:05	04/08/21 16:00	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/08/21 00:25	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/08/21 00:25	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/08/21 00:25	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/08/21 00:25	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/08/21 00:25	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/08/21 00:25	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/08/21 00:25	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/08/21 00:25	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/08/21 00:25	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/08/21 00:25	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/08/21 00:25	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/08/21 00:25	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/08/21 00:25	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/08/21 00:25	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 00:25	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 00:25	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/08/21 00:25	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/08/21 00:25	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/08/21 00:25	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/08/21 00:25	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 00:25	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 00:25	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 00:25	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/08/21 00:25	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/08/21 00:25	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/08/21 00:25	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/08/21 00:25	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 00:25	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 00:25	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 00:25	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/08/21 00:25	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 00:25	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Sample: MW-62D		Lab ID: 92531580012	Collected: 04/06/21 15:20	Received: 04/06/21 17:15	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		04/08/21 00:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 00:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 00:25	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/08/21 00:25	108-20-3	
Ethylbenzene	0.52	ug/L	0.50	1		04/08/21 00:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/08/21 00:25	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/08/21 00:25	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/08/21 00:25	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/08/21 00:25	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/08/21 00:25	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/08/21 00:25	103-65-1	
Styrene	ND	ug/L	0.50	1		04/08/21 00:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 00:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 00:25	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		04/08/21 00:25	127-18-4	
Toluene	ND	ug/L	0.50	1		04/08/21 00:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 00:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 00:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/08/21 00:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/08/21 00:25	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		04/08/21 00:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/08/21 00:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/08/21 00:25	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 00:25	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 00:25	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		04/08/21 00:25	75-01-4	
m&p-Xylene	1.0	ug/L	1.0	1		04/08/21 00:25	179601-23-1	
o-Xylene	1.6	ug/L	0.50	1		04/08/21 00:25	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		04/08/21 00:25	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130	1		04/08/21 00:25	460-00-4	
Toluene-d8 (S)	102	%	70-130	1		04/08/21 00:25	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Sample: EB-1-20210406		Lab ID: 92531580013		Collected: 04/06/21 16:00		Received: 04/06/21 17:15		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		04/07/21 16:14		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/07/21 16:14		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/07/21 16:14		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/07/21 16:14		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	94	%	70-130	1		04/07/21 16:14	460-00-4		
4-Bromofluorobenzene (PID) (S)	90	%	70-130	1		04/07/21 16:14	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/08/21 02:05	04/08/21 16:03	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/07/21 22:19	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/07/21 22:19	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/07/21 22:19	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/07/21 22:19	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/07/21 22:19	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/07/21 22:19	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/07/21 22:19	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/07/21 22:19	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/07/21 22:19	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/07/21 22:19	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/07/21 22:19	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/07/21 22:19	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/07/21 22:19	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/07/21 22:19	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 22:19	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 22:19	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/07/21 22:19	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/07/21 22:19	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/07/21 22:19	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/07/21 22:19	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 22:19	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 22:19	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 22:19	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/07/21 22:19	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/07/21 22:19	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/07/21 22:19	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/07/21 22:19	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 22:19	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 22:19	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 22:19	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/07/21 22:19	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 22:19	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Sample: EB-1-20210406		Lab ID: 92531580013		Collected: 04/06/21 16:00		Received: 04/06/21 17:15		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		04/07/21 22:19	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 22:19	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 22:19	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/07/21 22:19	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/07/21 22:19	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/07/21 22:19	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/07/21 22:19	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/07/21 22:19	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/07/21 22:19	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/07/21 22:19	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/07/21 22:19	103-65-1		
Styrene	ND	ug/L	0.50	1		04/07/21 22:19	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 22:19	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 22:19	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/07/21 22:19	127-18-4		
Toluene	ND	ug/L	0.50	1		04/07/21 22:19	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 22:19	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 22:19	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/07/21 22:19	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/07/21 22:19	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/07/21 22:19	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/07/21 22:19	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/07/21 22:19	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 22:19	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 22:19	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/07/21 22:19	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/07/21 22:19	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/07/21 22:19	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		04/07/21 22:19	17060-07-0		
4-Bromofluorobenzene (S)	95	%	70-130	1		04/07/21 22:19	460-00-4		
Toluene-d8 (S)	100	%	70-130	1		04/07/21 22:19	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Sample: Trip Blank		Lab ID: 92531580014	Collected: 04/06/21 00:00	Received: 04/06/21 17:15	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		04/07/21 22:37	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		04/07/21 22:37	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		04/07/21 22:37	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		04/07/21 22:37	75-27-4	
Bromoform	ND	ug/L	0.50	1		04/07/21 22:37	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/07/21 22:37	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		04/07/21 22:37	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		04/07/21 22:37	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		04/07/21 22:37	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		04/07/21 22:37	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		04/07/21 22:37	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/07/21 22:37	75-00-3	
Chloroform	ND	ug/L	0.50	1		04/07/21 22:37	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/07/21 22:37	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 22:37	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 22:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/07/21 22:37	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		04/07/21 22:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/07/21 22:37	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		04/07/21 22:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 22:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 22:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 22:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/07/21 22:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		04/07/21 22:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		04/07/21 22:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		04/07/21 22:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 22:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 22:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 22:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		04/07/21 22:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 22:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		04/07/21 22:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 22:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 22:37	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/07/21 22:37	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/07/21 22:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/07/21 22:37	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/07/21 22:37	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/07/21 22:37	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/07/21 22:37	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/07/21 22:37	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/07/21 22:37	103-65-1	
Styrene	ND	ug/L	0.50	1		04/07/21 22:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 22:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 22:37	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Sample: Trip Blank		Lab ID: 92531580014		Collected: 04/06/21 00:00		Received: 04/06/21 17:15		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		04/07/21 22:37	127-18-4		
Toluene	ND	ug/L	0.50	1		04/07/21 22:37	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 22:37	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 22:37	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/07/21 22:37	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/07/21 22:37	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/07/21 22:37	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/07/21 22:37	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/07/21 22:37	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 22:37	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 22:37	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/07/21 22:37	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/07/21 22:37	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/07/21 22:37	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		04/07/21 22:37	17060-07-0		
4-Bromofluorobenzene (S)	90	%	70-130	1		04/07/21 22:37	460-00-4		
Toluene-d8 (S)	109	%	70-130	1		04/07/21 22:37	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

QC Batch:	611567	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92531580008

METHOD BLANK: 3219571 Matrix: Water

Associated Lab Samples: 92531580008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/08/21 14:18	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/08/21 14:18	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/08/21 14:18	N2
4-Bromofluorobenzene (FID) (S)	%	96	70-130	04/08/21 14:18	
4-Bromofluorobenzene (PID) (S)	%	92	70-130	04/08/21 14:18	

LABORATORY CONTROL SAMPLE & LCSD: 3219572

LABORATORY CONTROL SAMPLE & LCSD: 3219572			3219573							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	237	261	79	87	70-130	10	25	N2
Aliphatic (C09-C12)	ug/L	300	301	276	100	92	70-130	9	25	N2
Aromatic (C09-C10)	ug/L	100	84.9	100	85	100	70-130	16	25	N2
4-Bromofluorobenzene (FID) (S)	%				95	95	70-130			
4-Bromofluorobenzene (PID) (S)	%				89	90	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

QC Batch:	612029	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92531580001, 92531580002, 92531580003, 92531580004, 92531580005, 92531580006, 92531580007, 92531580009, 92531580010, 92531580011, 92531580012, 92531580013		

METHOD BLANK:	3221527	Matrix:	Water
Associated Lab Samples:	92531580001, 92531580002, 92531580003, 92531580004, 92531580005, 92531580006, 92531580007, 92531580009, 92531580010, 92531580011, 92531580012, 92531580013		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/07/21 15:17	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/07/21 15:17	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/07/21 15:17	N2
4-Bromofluorobenzene (FID) (S)	%	100	70-130	04/07/21 15:17	
4-Bromofluorobenzene (PID) (S)	%	95	70-130	04/07/21 15:17	

LABORATORY CONTROL SAMPLE & LCSD: 3221528			3221529							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	283	284	94	95	70-130	0	25	N2
Aliphatic (C09-C12)	ug/L	300	327	344	109	115	70-130	5	25	N2
Aromatic (C09-C10)	ug/L	100	92.9	96.8	93	97	70-130	4	25	N2
4-Bromofluorobenzene (FID) (S)	%				91	96	70-130			
4-Bromofluorobenzene (PID) (S)	%				86	91	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

QC Batch:	612230	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3010A	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Asheville
Associated Lab Samples:	92531580001, 92531580002, 92531580003, 92531580004, 92531580005, 92531580006, 92531580007, 92531580008, 92531580009, 92531580010, 92531580011, 92531580012, 92531580013		

METHOD BLANK:	3222782	Matrix:	Water
Associated Lab Samples:	92531580001, 92531580002, 92531580003, 92531580004, 92531580005, 92531580006, 92531580007, 92531580008, 92531580009, 92531580010, 92531580011, 92531580012, 92531580013		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/08/21 14:51	

LABORATORY CONTROL SAMPLE: 3222783						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	475	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:				3222784	3222785						
		92531580001	MS	MSD							
			Spike	Spike	MS	MSD	MS	MSD	% Rec		
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	Qual
Lead	ug/L	ND	500	500	469	466	94	93	75-125	1	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

QC Batch:	611970	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92531580001, 92531580002, 92531580003, 92531580004, 92531580005, 92531580006, 92531580007

METHOD BLANK: 3221179

Matrix: Water

Associated Lab Samples: 92531580001, 92531580002, 92531580003, 92531580004, 92531580005, 92531580006, 92531580007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/07/21 11:30	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/07/21 11:30	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/07/21 11:30	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
1,3-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
2,2-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
2-Chlorotoluene	ug/L	ND	0.50	04/07/21 11:30	
4-Chlorotoluene	ug/L	ND	0.50	04/07/21 11:30	
Benzene	ug/L	ND	0.50	04/07/21 11:30	
Bromobenzene	ug/L	ND	0.50	04/07/21 11:30	
Bromochloromethane	ug/L	ND	0.50	04/07/21 11:30	
Bromodichloromethane	ug/L	ND	0.50	04/07/21 11:30	
Bromoform	ug/L	ND	0.50	04/07/21 11:30	
Bromomethane	ug/L	ND	5.0	04/07/21 11:30	
Carbon tetrachloride	ug/L	ND	0.50	04/07/21 11:30	
Chlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
Chloroethane	ug/L	ND	1.0	04/07/21 11:30	
Chloroform	ug/L	ND	0.50	04/07/21 11:30	
Chloromethane	ug/L	ND	1.0	04/07/21 11:30	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
Dibromochloromethane	ug/L	ND	0.50	04/07/21 11:30	
Dibromomethane	ug/L	ND	0.50	04/07/21 11:30	
Dichlorodifluoromethane	ug/L	ND	0.50	04/07/21 11:30	
Diisopropyl ether	ug/L	ND	0.50	04/07/21 11:30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

METHOD BLANK: 3221179

Matrix: Water

Associated Lab Samples: 92531580001, 92531580002, 92531580003, 92531580004, 92531580005, 92531580006, 92531580007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/07/21 11:30	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/07/21 11:30	
m&p-Xylene	ug/L	ND	1.0	04/07/21 11:30	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/07/21 11:30	
Methylene Chloride	ug/L	ND	2.0	04/07/21 11:30	
n-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
n-Propylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Naphthalene	ug/L	ND	2.0	04/07/21 11:30	
o-Xylene	ug/L	ND	0.50	04/07/21 11:30	
sec-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Styrene	ug/L	ND	0.50	04/07/21 11:30	
tert-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Tetrachloroethene	ug/L	ND	0.50	04/07/21 11:30	
Toluene	ug/L	ND	0.50	04/07/21 11:30	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
Trichloroethene	ug/L	ND	0.50	04/07/21 11:30	
Trichlorofluoromethane	ug/L	ND	1.0	04/07/21 11:30	
Vinyl chloride	ug/L	ND	1.0	04/07/21 11:30	
1,2-Dichloroethane-d4 (S)	%	102	70-130	04/07/21 11:30	
4-Bromofluorobenzene (S)	%	96	70-130	04/07/21 11:30	
Toluene-d8 (S)	%	102	70-130	04/07/21 11:30	

LABORATORY CONTROL SAMPLE: 3221180

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	52.3	105	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	50.0	100	60-140	
1,1,2-Trichloroethane	ug/L	50	51.1	102	60-140	
1,1-Dichloroethane	ug/L	50	52.8	106	60-140	
1,1-Dichloroethene	ug/L	50	57.0	114	60-140	
1,1-Dichloropropene	ug/L	50	52.5	105	60-140	
1,2,3-Trichlorobenzene	ug/L	50	52.4	105	60-140	
1,2,3-Trichloropropane	ug/L	50	48.3	97	60-140	
1,2,4-Trichlorobenzene	ug/L	50	52.2	104	60-140	
1,2,4-Trimethylbenzene	ug/L	50	52.2	104	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	52.3	105	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.1	100	60-140	
1,2-Dichlorobenzene	ug/L	50	50.7	101	60-140	
1,2-Dichloroethane	ug/L	50	46.1	92	60-140	
1,2-Dichloropropane	ug/L	50	52.2	104	60-140	
1,3,5-Trimethylbenzene	ug/L	50	52.7	105	60-140	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

LABORATORY CONTROL SAMPLE: 3221180

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	51.9	104	60-140	
1,3-Dichloropropane	ug/L	50	51.3	103	60-140	
1,4-Dichlorobenzene	ug/L	50	52.3	105	60-140	
2,2-Dichloropropane	ug/L	50	54.4	109	60-140	
2-Chlorotoluene	ug/L	50	52.5	105	60-140	
4-Chlorotoluene	ug/L	50	50.4	101	60-140	
Benzene	ug/L	50	50.5	101	60-140	
Bromobenzene	ug/L	50	50.7	101	60-140	
Bromochloromethane	ug/L	50	51.4	103	60-140	
Bromodichloromethane	ug/L	50	52.3	105	60-140	
Bromoform	ug/L	50	53.4	107	60-140	
Bromomethane	ug/L	50	51.5	103	60-140	
Carbon tetrachloride	ug/L	50	53.4	107	60-140	
Chlorobenzene	ug/L	50	51.7	103	60-140	
Chloroethane	ug/L	50	44.3	89	60-140	
Chloroform	ug/L	50	44.7	89	60-140	
Chloromethane	ug/L	50	48.3	97	60-140	
cis-1,2-Dichloroethene	ug/L	50	52.6	105	60-140	
cis-1,3-Dichloropropene	ug/L	50	54.0	108	60-140	
Dibromochloromethane	ug/L	50	54.7	109	60-140	
Dibromomethane	ug/L	50	49.7	99	60-140	
Dichlorodifluoromethane	ug/L	50	46.6	93	60-140	
Diisopropyl ether	ug/L	50	47.6	95	60-140	
Ethylbenzene	ug/L	50	51.3	103	60-140	
Hexachloro-1,3-butadiene	ug/L	50	54.0	108	60-140	
Isopropylbenzene (Cumene)	ug/L	50	54.7	109	60-140	
m&p-Xylene	ug/L	100	105	105	60-140	
Methyl-tert-butyl ether	ug/L	50	46.6	93	60-140	
Methylene Chloride	ug/L	50	48.6	97	60-140	
n-Butylbenzene	ug/L	50	53.1	106	60-140	
n-Propylbenzene	ug/L	50	51.4	103	60-140	
Naphthalene	ug/L	50	49.8	100	60-140	
o-Xylene	ug/L	50	50.9	102	60-140	
sec-Butylbenzene	ug/L	50	51.8	104	60-140	
Styrene	ug/L	50	54.3	109	60-140	
tert-Butylbenzene	ug/L	50	44.4	89	60-140	
Tetrachloroethene	ug/L	50	51.9	104	60-140	
Toluene	ug/L	50	50.8	102	60-140	
trans-1,2-Dichloroethene	ug/L	50	53.7	107	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.8	108	60-140	
Trichloroethene	ug/L	50	51.8	104	60-140	
Trichlorofluoromethane	ug/L	50	43.3	87	60-140	
Vinyl chloride	ug/L	50	50.7	101	60-140	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221181 3221182											
Parameter	Units	92531403001		MS	MSD	3221182		MS	MSD	% Rec	% Rec
		Result	Conc.	Spike	Spike	Result	Conc.	Result	Conc.		
										Limits	RPD
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20	21.5	21.0	107	105	60-140	2
1,1,1-Trichloroethane	ug/L	ND	20	20	20	21.8	22.0	109	110	60-140	1
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20	20.9	20.6	104	103	60-140	1
1,1,2-Trichloroethane	ug/L	ND	20	20	20	20.7	21.3	103	107	60-140	3
1,1-Dichloroethane	ug/L	ND	20	20	20	21.9	22.0	110	110	60-140	0
1,1-Dichloroethene	ug/L	ND	20	20	20	23.0	23.5	115	118	60-140	2
1,1-Dichloropropene	ug/L	ND	20	20	20	22.0	21.6	110	108	60-140	2
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20	21.3	21.2	106	106	60-140	0
1,2,3-Trichloropropane	ug/L	ND	20	20	20	20.2	19.7	101	99	60-140	2
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20	20.2	19.9	101	100	60-140	1
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20	21.2	20.6	106	103	60-140	3
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20	20.9	21.3	105	106	60-140	2
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20	21.1	20.8	106	104	60-140	2
1,2-Dichlorobenzene	ug/L	ND	20	20	20	20.0	19.6	100	98	60-140	2
1,2-Dichloroethane	ug/L	ND	20	20	20	18.6	19.1	93	95	60-140	2
1,2-Dichloropropane	ug/L	ND	20	20	20	21.3	21.9	106	109	60-140	3
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20	21.8	21.0	109	105	60-140	4
1,3-Dichlorobenzene	ug/L	ND	20	20	20	20.3	20.0	102	100	60-140	2
1,3-Dichloropropane	ug/L	ND	20	20	20	21.3	20.8	107	104	60-140	3
1,4-Dichlorobenzene	ug/L	ND	20	20	20	20.7	20.3	103	102	60-140	2
2,2-Dichloropropane	ug/L	ND	20	20	20	21.6	21.6	108	108	60-140	0
2-Chlorotoluene	ug/L	ND	20	20	20	21.2	20.8	106	104	60-140	2
4-Chlorotoluene	ug/L	ND	20	20	20	20.1	19.8	101	99	60-140	2
Benzene	ug/L	ND	20	20	20	20.8	21.7	104	109	60-140	4
Bromobenzene	ug/L	ND	20	20	20	21.1	20.7	106	103	60-140	2
Bromochloromethane	ug/L	ND	20	20	20	21.0	21.5	105	107	60-140	2
Bromodichloromethane	ug/L	ND	20	20	20	20.9	21.6	105	108	60-140	3
Bromofom	ug/L	ND	20	20	20	20.8	20.7	104	103	60-140	1
Bromomethane	ug/L	ND	20	20	20	23.7	24.4	118	122	60-140	3
Carbon tetrachloride	ug/L	ND	20	20	20	22.2	22.5	111	113	60-140	1
Chlorobenzene	ug/L	ND	20	20	20	21.3	21.1	107	105	60-140	1
Chloroethane	ug/L	ND	20	20	20	24.1	23.5	121	118	60-140	3
Chloroform	ug/L	7.9	20	20	20	26.6	26.6	93	93	60-140	0
Chloromethane	ug/L	ND	20	20	20	19.8	20.4	99	102	60-140	3
cis-1,2-Dichloroethene	ug/L	ND	20	20	20	21.6	21.8	108	109	60-140	1
cis-1,3-Dichloropropene	ug/L	ND	20	20	20	21.2	22.5	106	113	60-140	6
Dibromochloromethane	ug/L	ND	20	20	20	22.4	21.8	112	109	60-140	2
Dibromomethane	ug/L	ND	20	20	20	20.7	21.2	104	106	60-140	2
Dichlorodifluoromethane	ug/L	ND	20	20	20	19.9	20.2	100	101	60-140	1
Diisopropyl ether	ug/L	ND	20	20	20	19.3	19.1	97	95	60-140	1
Ethylbenzene	ug/L	ND	20	20	20	21.3	20.9	106	105	60-140	2
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20	22.4	22.3	112	112	60-140	0
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20	22.5	22.0	112	110	60-140	2
m&p-Xylene	ug/L	ND	40	40	40	43.3	42.2	108	105	60-140	2
Methyl-tert-butyl ether	ug/L	ND	20	20	20	18.9	19.3	94	96	60-140	2
Methylene Chloride	ug/L	ND	20	20	20	20.0	20.0	100	100	60-140	0

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221181 3221182											
Parameter	Units	92531403001		MS	MSD	3221182		MS	MSD	% Rec	Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
n-Butylbenzene	ug/L	ND	20	20	20	21.4	20.9	107	104	60-140	2
n-Propylbenzene	ug/L	ND	20	20	20	21.4	21.0	107	105	60-140	2
Naphthalene	ug/L	ND	20	20	20	20.1	20.2	101	101	60-140	0
o-Xylene	ug/L	ND	20	20	20	21.0	20.7	105	104	60-140	2
sec-Butylbenzene	ug/L	ND	20	20	20	21.8	21.2	109	106	60-140	3
Styrene	ug/L	ND	20	20	20	21.0	20.7	105	104	60-140	1
tert-Butylbenzene	ug/L	ND	20	20	20	18.9	18.3	94	91	60-140	3
Tetrachloroethene	ug/L	ND	20	20	20	21.9	21.0	109	105	60-140	4
Toluene	ug/L	ND	20	20	20	21.1	21.6	106	108	60-140	2
trans-1,2-Dichloroethene	ug/L	ND	20	20	20	22.0	22.2	110	111	60-140	1
trans-1,3-Dichloropropene	ug/L	ND	20	20	20	21.1	21.4	106	107	60-140	1
Trichloroethene	ug/L	ND	20	20	20	21.6	21.6	108	108	60-140	0
Trichlorofluoromethane	ug/L	ND	20	20	20	22.3	21.7	112	108	60-140	3
Vinyl chloride	ug/L	ND	20	20	20	20.9	20.8	104	104	60-140	0
1,2-Dichloroethane-d4 (S)	%							98	102	70-130	
4-Bromofluorobenzene (S)	%							100	101	70-130	
Toluene-d8 (S)	%							100	106	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

QC Batch:	612017	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92531580009, 92531580010, 92531580011, 92531580012, 92531580013, 92531580014

METHOD BLANK: 3221451 Matrix: Water

Associated Lab Samples: 92531580009, 92531580010, 92531580011, 92531580012, 92531580013, 92531580014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/07/21 22:01	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/07/21 22:01	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/07/21 22:01	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/07/21 22:01	
1,1-Dichloroethane	ug/L	ND	0.50	04/07/21 22:01	
1,1-Dichloroethene	ug/L	ND	0.50	04/07/21 22:01	
1,1-Dichloropropene	ug/L	ND	0.50	04/07/21 22:01	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/07/21 22:01	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/07/21 22:01	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/07/21 22:01	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/07/21 22:01	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/07/21 22:01	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/07/21 22:01	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/07/21 22:01	
1,2-Dichloroethane	ug/L	ND	0.50	04/07/21 22:01	
1,2-Dichloropropane	ug/L	ND	0.50	04/07/21 22:01	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/07/21 22:01	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/07/21 22:01	
1,3-Dichloropropane	ug/L	ND	0.50	04/07/21 22:01	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/07/21 22:01	
2,2-Dichloropropane	ug/L	ND	0.50	04/07/21 22:01	
2-Chlorotoluene	ug/L	ND	0.50	04/07/21 22:01	
4-Chlorotoluene	ug/L	ND	0.50	04/07/21 22:01	
Benzene	ug/L	ND	0.50	04/07/21 22:01	
Bromobenzene	ug/L	ND	0.50	04/07/21 22:01	
Bromochloromethane	ug/L	ND	0.50	04/07/21 22:01	
Bromodichloromethane	ug/L	ND	0.50	04/07/21 22:01	
Bromoform	ug/L	ND	0.50	04/07/21 22:01	
Bromomethane	ug/L	ND	5.0	04/07/21 22:01	
Carbon tetrachloride	ug/L	ND	0.50	04/07/21 22:01	
Chlorobenzene	ug/L	ND	0.50	04/07/21 22:01	
Chloroethane	ug/L	ND	1.0	04/07/21 22:01	
Chloroform	ug/L	ND	0.50	04/07/21 22:01	
Chloromethane	ug/L	ND	1.0	04/07/21 22:01	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/07/21 22:01	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/07/21 22:01	
Dibromochloromethane	ug/L	ND	0.50	04/07/21 22:01	
Dibromomethane	ug/L	ND	0.50	04/07/21 22:01	
Dichlorodifluoromethane	ug/L	ND	0.50	04/07/21 22:01	
Diisopropyl ether	ug/L	ND	0.50	04/07/21 22:01	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

METHOD BLANK: 3221451

Matrix: Water

Associated Lab Samples: 92531580009, 92531580010, 92531580011, 92531580012, 92531580013, 92531580014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/07/21 22:01	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/07/21 22:01	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/07/21 22:01	
m&p-Xylene	ug/L	ND	1.0	04/07/21 22:01	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/07/21 22:01	
Methylene Chloride	ug/L	ND	2.0	04/07/21 22:01	
n-Butylbenzene	ug/L	ND	0.50	04/07/21 22:01	
n-Propylbenzene	ug/L	ND	0.50	04/07/21 22:01	
Naphthalene	ug/L	ND	2.0	04/07/21 22:01	
o-Xylene	ug/L	ND	0.50	04/07/21 22:01	
sec-Butylbenzene	ug/L	ND	0.50	04/07/21 22:01	
Styrene	ug/L	ND	0.50	04/07/21 22:01	
tert-Butylbenzene	ug/L	ND	0.50	04/07/21 22:01	
Tetrachloroethene	ug/L	ND	0.50	04/07/21 22:01	
Toluene	ug/L	ND	0.50	04/07/21 22:01	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/07/21 22:01	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/07/21 22:01	
Trichloroethene	ug/L	ND	0.50	04/07/21 22:01	
Trichlorofluoromethane	ug/L	ND	1.0	04/07/21 22:01	
Vinyl chloride	ug/L	ND	1.0	04/07/21 22:01	
1,2-Dichloroethane-d4 (S)	%	99	70-130	04/07/21 22:01	
4-Bromofluorobenzene (S)	%	97	70-130	04/07/21 22:01	
Toluene-d8 (S)	%	102	70-130	04/07/21 22:01	

LABORATORY CONTROL SAMPLE: 3221452

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.1	104	60-140	
1,1,1-Trichloroethane	ug/L	50	49.9	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	50.2	100	60-140	
1,1,2-Trichloroethane	ug/L	50	53.2	106	60-140	
1,1-Dichloroethane	ug/L	50	51.1	102	60-140	
1,1-Dichloroethene	ug/L	50	51.5	103	60-140	
1,1-Dichloropropene	ug/L	50	50.5	101	60-140	
1,2,3-Trichlorobenzene	ug/L	50	51.6	103	60-140	
1,2,3-Trichloropropane	ug/L	50	48.0	96	60-140	
1,2,4-Trichlorobenzene	ug/L	50	51.5	103	60-140	
1,2,4-Trimethylbenzene	ug/L	50	51.7	103	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	53.8	108	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	51.8	104	60-140	
1,2-Dichlorobenzene	ug/L	50	50.5	101	60-140	
1,2-Dichloroethane	ug/L	50	45.1	90	60-140	
1,2-Dichloropropane	ug/L	50	50.7	101	60-140	
1,3,5-Trimethylbenzene	ug/L	50	52.1	104	60-140	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

LABORATORY CONTROL SAMPLE: 3221452

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	51.8	104	60-140	
1,3-Dichloropropane	ug/L	50	51.6	103	60-140	
1,4-Dichlorobenzene	ug/L	50	52.1	104	60-140	
2,2-Dichloropropane	ug/L	50	51.9	104	60-140	
2-Chlorotoluene	ug/L	50	51.4	103	60-140	
4-Chlorotoluene	ug/L	50	50.2	100	60-140	
Benzene	ug/L	50	49.0	98	60-140	
Bromobenzene	ug/L	50	51.2	102	60-140	
Bromochloromethane	ug/L	50	50.7	101	60-140	
Bromodichloromethane	ug/L	50	51.3	103	60-140	
Bromoform	ug/L	50	52.6	105	60-140	
Bromomethane	ug/L	50	50.7	101	60-140	
Carbon tetrachloride	ug/L	50	49.7	99	60-140	
Chlorobenzene	ug/L	50	51.1	102	60-140	
Chloroethane	ug/L	50	42.4	85	60-140	
Chloroform	ug/L	50	44.4	89	60-140	
Chloromethane	ug/L	50	46.9	94	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.8	102	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.1	104	60-140	
Dibromochloromethane	ug/L	50	55.7	111	60-140	
Dibromomethane	ug/L	50	50.1	100	60-140	
Dichlorodifluoromethane	ug/L	50	42.1	84	60-140	
Diisopropyl ether	ug/L	50	46.5	93	60-140	
Ethylbenzene	ug/L	50	50.0	100	60-140	
Hexachloro-1,3-butadiene	ug/L	50	49.7	99	60-140	
Isopropylbenzene (Cumene)	ug/L	50	51.9	104	60-140	
m&p-Xylene	ug/L	100	102	102	60-140	
Methyl-tert-butyl ether	ug/L	50	46.6	93	60-140	
Methylene Chloride	ug/L	50	49.1	98	60-140	
n-Butylbenzene	ug/L	50	51.3	103	60-140	
n-Propylbenzene	ug/L	50	50.6	101	60-140	
Naphthalene	ug/L	50	50.5	101	60-140	
o-Xylene	ug/L	50	49.0	98	60-140	
sec-Butylbenzene	ug/L	50	50.8	102	60-140	
Styrene	ug/L	50	52.2	104	60-140	
tert-Butylbenzene	ug/L	50	43.5	87	60-140	
Tetrachloroethene	ug/L	50	51.6	103	60-140	
Toluene	ug/L	50	48.6	97	60-140	
trans-1,2-Dichloroethene	ug/L	50	51.5	103	60-140	
trans-1,3-Dichloropropene	ug/L	50	54.9	110	60-140	
Trichloroethene	ug/L	50	48.6	97	60-140	
Trichlorofluoromethane	ug/L	50	41.4	83	60-140	
Vinyl chloride	ug/L	50	47.7	95	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			98	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221453 3221454											
Parameter	Units	92531581002		MS	MSD	MS		MSD	% Rec		Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20	22.6	18.9	113	94	60-140	18
1,1,1-Trichloroethane	ug/L	ND	20	20	20	23.7	19.7	118	98	60-140	19
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20	21.7	17.6	109	88	60-140	21
1,1,2-Trichloroethane	ug/L	ND	20	20	20	22.0	17.7	110	88	60-140	22
1,1-Dichloroethane	ug/L	ND	20	20	20	23.6	19.5	118	97	60-140	19
1,1-Dichloroethene	ug/L	ND	20	20	20	25.5	21.8	128	109	60-140	16
1,1-Dichloropropene	ug/L	ND	20	20	20	23.6	19.7	118	98	60-140	18
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20	24.2	19.1	121	96	60-140	24
1,2,3-Trichloropropane	ug/L	ND	20	20	20	21.1	17.1	105	86	60-140	21
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20	23.7	18.7	118	94	60-140	23
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20	22.8	19.2	114	96	60-140	17
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20	22.9	17.9	114	89	60-140	25
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20	22.1	18.4	111	92	60-140	19
1,2-Dichlorobenzene	ug/L	ND	20	20	20	21.4	18.2	107	91	60-140	16
1,2-Dichloroethane	ug/L	ND	20	20	20	20.2	16.8	101	84	60-140	18
1,2-Dichloropropane	ug/L	ND	20	20	20	22.8	18.7	114	94	60-140	19
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20	23.3	19.8	116	99	60-140	16
1,3-Dichlorobenzene	ug/L	ND	20	20	20	21.9	18.6	110	93	60-140	16
1,3-Dichloropropane	ug/L	ND	20	20	20	22.5	18.1	112	90	60-140	22
1,4-Dichlorobenzene	ug/L	ND	20	20	20	22.6	18.5	113	93	60-140	20
2,2-Dichloropropane	ug/L	ND	20	20	20	24.7	20.4	124	102	60-140	19
2-Chlorotoluene	ug/L	ND	20	20	20	22.9	19.6	114	98	60-140	16
4-Chlorotoluene	ug/L	ND	20	20	20	22.0	18.8	110	94	60-140	16
Benzene	ug/L	ND	20	20	20	22.6	18.4	113	92	60-140	20
Bromobenzene	ug/L	ND	20	20	20	22.4	19.3	112	97	60-140	15
Bromochloromethane	ug/L	ND	20	20	20	22.9	19.0	114	95	60-140	19
Bromodichloromethane	ug/L	ND	20	20	20	22.4	18.2	112	91	60-140	21
Bromoform	ug/L	ND	20	20	20	21.8	18.0	109	90	60-140	19
Bromomethane	ug/L	ND	20	20	20	26.9	23.5	134	117	60-140	14
Carbon tetrachloride	ug/L	ND	20	20	20	23.9	18.8	120	94	60-140	24
Chlorobenzene	ug/L	ND	20	20	20	22.4	18.8	112	94	60-140	17
Chloroethane	ug/L	ND	20	20	20	25.7	22.1	128	110	60-140	15
Chloroform	ug/L	ND	20	20	20	20.7	16.6	104	83	60-140	22
Chloromethane	ug/L	ND	20	20	20	23.5	19.0	118	95	60-140	21
cis-1,2-Dichloroethene	ug/L	ND	20	20	20	23.3	19.3	117	97	60-140	19
cis-1,3-Dichloropropene	ug/L	ND	20	20	20	22.7	18.3	114	92	60-140	21
Dibromochloromethane	ug/L	ND	20	20	20	23.2	18.4	116	92	60-140	23
Dibromomethane	ug/L	ND	20	20	20	21.8	17.6	109	88	60-140	21
Dichlorodifluoromethane	ug/L	ND	20	20	20	21.5	17.6	107	88	60-140	20
Diisopropyl ether	ug/L	ND	20	20	20	21.0	17.1	105	85	60-140	21
Ethylbenzene	ug/L	ND	20	20	20	22.5	18.6	112	93	60-140	19
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20	26.4	21.1	132	105	60-140	22
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20	23.7	19.8	118	99	60-140	18
m&p-Xylene	ug/L	ND	40	40	40	45.6	37.7	114	94	60-140	19
Methyl-tert-butyl ether	ug/L	ND	20	20	20	20.2	17.2	101	86	60-140	16
Methylene Chloride	ug/L	ND	20	20	20	21.7	17.9	109	89	60-140	19

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221453 3221454											
Parameter	Units	92531581002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
n-Butylbenzene	ug/L	ND	20	20	23.9	20.0	120	100	60-140	18	
n-Propylbenzene	ug/L	ND	20	20	23.2	19.8	116	99	60-140	16	
Naphthalene	ug/L	ND	20	20	22.3	17.6	111	88	60-140	24	
o-Xylene	ug/L	ND	20	20	22.0	18.6	110	93	60-140	17	
sec-Butylbenzene	ug/L	ND	20	20	23.7	20.0	119	100	60-140	17	
Styrene	ug/L	ND	20	20	22.3	18.6	112	93	60-140	18	
tert-Butylbenzene	ug/L	ND	20	20	20.2	17.2	101	86	60-140	16	
Tetrachloroethene	ug/L	ND	20	20	23.3	18.2	117	91	60-140	25	
Toluene	ug/L	ND	20	20	22.1	18.2	111	91	60-140	19	
trans-1,2-Dichloroethene	ug/L	ND	20	20	24.4	19.9	122	100	60-140	20	
trans-1,3-Dichloropropene	ug/L	ND	20	20	22.7	18.4	114	92	60-140	21	
Trichloroethene	ug/L	ND	20	20	22.7	18.5	114	92	60-140	21	
Trichlorofluoromethane	ug/L	ND	20	20	23.8	19.9	119	99	60-140	18	
Vinyl chloride	ug/L	ND	20	20	23.7	18.9	119	94	60-140	23	
1,2-Dichloroethane-d4 (S)	%						100	99	70-130		
4-Bromofluorobenzene (S)	%						100	98	70-130		
Toluene-d8 (S)	%						98	97	70-130		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

QC Batch: 612109

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531580008

METHOD BLANK: 3221957

Matrix: Water

Associated Lab Samples: 92531580008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/08/21 11:31	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/08/21 11:31	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/08/21 11:31	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/08/21 11:31	
1,1-Dichloroethane	ug/L	ND	0.50	04/08/21 11:31	
1,1-Dichloroethene	ug/L	ND	0.50	04/08/21 11:31	
1,1-Dichloropropene	ug/L	ND	0.50	04/08/21 11:31	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/08/21 11:31	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/08/21 11:31	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/08/21 11:31	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/08/21 11:31	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/08/21 11:31	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/08/21 11:31	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/08/21 11:31	
1,2-Dichloroethane	ug/L	ND	0.50	04/08/21 11:31	
1,2-Dichloropropane	ug/L	ND	0.50	04/08/21 11:31	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/08/21 11:31	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/08/21 11:31	
1,3-Dichloropropane	ug/L	ND	0.50	04/08/21 11:31	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/08/21 11:31	
2,2-Dichloropropane	ug/L	ND	0.50	04/08/21 11:31	
2-Chlorotoluene	ug/L	ND	0.50	04/08/21 11:31	
4-Chlorotoluene	ug/L	ND	0.50	04/08/21 11:31	
Benzene	ug/L	ND	0.50	04/08/21 11:31	
Bromobenzene	ug/L	ND	0.50	04/08/21 11:31	
Bromochloromethane	ug/L	ND	0.50	04/08/21 11:31	
Bromodichloromethane	ug/L	ND	0.50	04/08/21 11:31	
Bromoform	ug/L	ND	0.50	04/08/21 11:31	
Bromomethane	ug/L	ND	5.0	04/08/21 11:31	
Carbon tetrachloride	ug/L	ND	0.50	04/08/21 11:31	
Chlorobenzene	ug/L	ND	0.50	04/08/21 11:31	
Chloroethane	ug/L	ND	1.0	04/08/21 11:31	
Chloroform	ug/L	ND	0.50	04/08/21 11:31	
Chloromethane	ug/L	ND	1.0	04/08/21 11:31	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/08/21 11:31	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/08/21 11:31	
Dibromochloromethane	ug/L	ND	0.50	04/08/21 11:31	
Dibromomethane	ug/L	ND	0.50	04/08/21 11:31	
Dichlorodifluoromethane	ug/L	ND	0.50	04/08/21 11:31	
Diisopropyl ether	ug/L	ND	0.50	04/08/21 11:31	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

METHOD BLANK: 3221957

Matrix: Water

Associated Lab Samples: 92531580008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/08/21 11:31	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/08/21 11:31	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/08/21 11:31	
m&p-Xylene	ug/L	ND	1.0	04/08/21 11:31	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/08/21 11:31	
Methylene Chloride	ug/L	ND	2.0	04/08/21 11:31	
n-Butylbenzene	ug/L	ND	0.50	04/08/21 11:31	
n-Propylbenzene	ug/L	ND	0.50	04/08/21 11:31	
Naphthalene	ug/L	ND	2.0	04/08/21 11:31	
o-Xylene	ug/L	ND	0.50	04/08/21 11:31	
sec-Butylbenzene	ug/L	ND	0.50	04/08/21 11:31	
Styrene	ug/L	ND	0.50	04/08/21 11:31	
tert-Butylbenzene	ug/L	ND	0.50	04/08/21 11:31	
Tetrachloroethene	ug/L	ND	0.50	04/08/21 11:31	
Toluene	ug/L	ND	0.50	04/08/21 11:31	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/08/21 11:31	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/08/21 11:31	
Trichloroethene	ug/L	ND	0.50	04/08/21 11:31	
Trichlorofluoromethane	ug/L	ND	1.0	04/08/21 11:31	
Vinyl chloride	ug/L	ND	1.0	04/08/21 11:31	
1,2-Dichloroethane-d4 (S)	%	106	70-130	04/08/21 11:31	
4-Bromofluorobenzene (S)	%	96	70-130	04/08/21 11:31	
Toluene-d8 (S)	%	103	70-130	04/08/21 11:31	

LABORATORY CONTROL SAMPLE: 3221958

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.0	102	60-140	
1,1,1-Trichloroethane	ug/L	50	50.2	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.7	99	60-140	
1,1,2-Trichloroethane	ug/L	50	53.4	107	60-140	
1,1-Dichloroethane	ug/L	50	51.6	103	60-140	
1,1-Dichloroethene	ug/L	50	52.3	105	60-140	
1,1-Dichloropropene	ug/L	50	50.4	101	60-140	
1,2,3-Trichlorobenzene	ug/L	50	52.4	105	60-140	
1,2,3-Trichloropropane	ug/L	50	48.8	98	60-140	
1,2,4-Trichlorobenzene	ug/L	50	52.4	105	60-140	
1,2,4-Trimethylbenzene	ug/L	50	51.3	103	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	53.8	108	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.0	100	60-140	
1,2-Dichlorobenzene	ug/L	50	50.8	102	60-140	
1,2-Dichloroethane	ug/L	50	44.9	90	60-140	
1,2-Dichloropropane	ug/L	50	51.2	102	60-140	
1,3,5-Trimethylbenzene	ug/L	50	52.1	104	60-140	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

LABORATORY CONTROL SAMPLE: 3221958

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	51.4	103	60-140	
1,3-Dichloropropane	ug/L	50	49.9	100	60-140	
1,4-Dichlorobenzene	ug/L	50	51.6	103	60-140	
2,2-Dichloropropane	ug/L	50	52.5	105	60-140	
2-Chlorotoluene	ug/L	50	51.9	104	60-140	
4-Chlorotoluene	ug/L	50	50.1	100	60-140	
Benzene	ug/L	50	50.1	100	60-140	
Bromobenzene	ug/L	50	50.8	102	60-140	
Bromochloromethane	ug/L	50	50.8	102	60-140	
Bromodichloromethane	ug/L	50	50.6	101	60-140	
Bromoform	ug/L	50	52.3	105	60-140	
Bromomethane	ug/L	50	52.2	104	60-140	
Carbon tetrachloride	ug/L	50	50.4	101	60-140	
Chlorobenzene	ug/L	50	50.0	100	60-140	
Chloroethane	ug/L	50	42.7	85	60-140	
Chloroform	ug/L	50	45.3	91	60-140	
Chloromethane	ug/L	50	48.3	97	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.8	102	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.1	104	60-140	
Dibromochloromethane	ug/L	50	53.8	108	60-140	
Dibromomethane	ug/L	50	49.1	98	60-140	
Dichlorodifluoromethane	ug/L	50	42.0	84	60-140	
Diisopropyl ether	ug/L	50	45.9	92	60-140	
Ethylbenzene	ug/L	50	49.3	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	51.7	103	60-140	
Isopropylbenzene (Cumene)	ug/L	50	52.5	105	60-140	
m&p-Xylene	ug/L	100	101	101	60-140	
Methyl-tert-butyl ether	ug/L	50	46.5	93	60-140	
Methylene Chloride	ug/L	50	47.1	94	60-140	
n-Butylbenzene	ug/L	50	51.9	104	60-140	
n-Propylbenzene	ug/L	50	50.8	102	60-140	
Naphthalene	ug/L	50	51.5	103	60-140	
o-Xylene	ug/L	50	49.7	99	60-140	
sec-Butylbenzene	ug/L	50	51.0	102	60-140	
Styrene	ug/L	50	52.5	105	60-140	
tert-Butylbenzene	ug/L	50	43.8	88	60-140	
Tetrachloroethene	ug/L	50	47.8	96	60-140	
Toluene	ug/L	50	48.9	98	60-140	
trans-1,2-Dichloroethene	ug/L	50	51.5	103	60-140	
trans-1,3-Dichloropropene	ug/L	50	55.1	110	60-140	
Trichloroethene	ug/L	50	49.6	99	60-140	
Trichlorofluoromethane	ug/L	50	42.5	85	60-140	
Vinyl chloride	ug/L	50	48.3	97	60-140	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			100	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3223004 3223005											
Parameter	Units	92531580008		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	100	100	100	105	108	105	108	60-140	3
1,1,1-Trichloroethane	ug/L	ND	100	100	100	110	112	110	112	60-140	1
1,1,2,2-Tetrachloroethane	ug/L	ND	100	100	100	102	107	102	107	60-140	4
1,1,2-Trichloroethane	ug/L	ND	100	100	100	107	107	107	107	60-140	0
1,1-Dichloroethane	ug/L	ND	100	100	100	110	112	110	112	60-140	2
1,1-Dichloroethene	ug/L	ND	100	100	100	115	118	115	118	60-140	2
1,1-Dichloropropene	ug/L	ND	100	100	100	109	112	109	112	60-140	3
1,2,3-Trichlorobenzene	ug/L	ND	100	100	100	91.9	96.7	92	97	60-140	5
1,2,3-Trichloropropane	ug/L	ND	100	100	100	101	103	101	103	60-140	2
1,2,4-Trichlorobenzene	ug/L	ND	100	100	100	92.5	95.3	93	95	60-140	3
1,2,4-Trimethylbenzene	ug/L	89.2	100	100	100	193	194	104	105	60-140	0
1,2-Dibromo-3-chloropropane	ug/L	ND	100	100	100	103	103	103	103	60-140	1
1,2-Dibromoethane (EDB)	ug/L	ND	100	100	100	102	108	102	108	60-140	5
1,2-Dichlorobenzene	ug/L	ND	100	100	100	99.8	99.9	100	100	60-140	0
1,2-Dichloroethane	ug/L	ND	100	100	100	93.5	96.6	93	97	60-140	3
1,2-Dichloropropane	ug/L	ND	100	100	100	114	108	114	108	60-140	5
1,3,5-Trimethylbenzene	ug/L	ND	100	100	100	133	132	133	132	60-140	0
1,3-Dichlorobenzene	ug/L	ND	100	100	100	99.8	101	100	101	60-140	1
1,3-Dichloropropane	ug/L	ND	100	100	100	104	107	104	107	60-140	2
1,4-Dichlorobenzene	ug/L	ND	100	100	100	101	104	101	104	60-140	3
2,2-Dichloropropane	ug/L	ND	100	100	100	99.7	100	100	100	60-140	1
2-Chlorotoluene	ug/L	ND	100	100	100	111	107	111	107	60-140	3
4-Chlorotoluene	ug/L	ND	100	100	100	101	102	101	102	60-140	1
Benzene	ug/L	701	100	100	100	793	779	92	78	60-140	2
Bromobenzene	ug/L	ND	100	100	100	107	106	107	106	60-140	1
Bromochloromethane	ug/L	ND	100	100	100	108	108	108	108	60-140	1
Bromodichloromethane	ug/L	ND	100	100	100	110	107	110	107	60-140	3
Bromoform	ug/L	ND	100	100	100	103	108	103	108	60-140	4
Bromomethane	ug/L	ND	100	100	100	112	114	112	114	60-140	2
Carbon tetrachloride	ug/L	ND	100	100	100	111	111	111	111	60-140	0
Chlorobenzene	ug/L	ND	100	100	100	108	109	108	109	60-140	0
Chloroethane	ug/L	ND	100	100	100	125	122	125	122	60-140	3
Chloroform	ug/L	ND	100	100	100	91.4	95.3	91	95	60-140	4
Chloromethane	ug/L	ND	100	100	100	106	108	106	108	60-140	2
cis-1,2-Dichloroethene	ug/L	ND	100	100	100	107	112	107	112	60-140	4
cis-1,3-Dichloropropene	ug/L	ND	100	100	100	104	105	104	105	60-140	1
Dibromochloromethane	ug/L	ND	100	100	100	107	113	107	113	60-140	5
Dibromomethane	ug/L	ND	100	100	100	109	104	109	104	60-140	4
Dichlorodifluoromethane	ug/L	ND	100	100	100	90.6	93.3	91	93	60-140	3
Diisopropyl ether	ug/L	114	100	100	100	210	214	96	99	60-140	2
Ethylbenzene	ug/L	4.0	100	100	100	110	111	106	107	60-140	1
Hexachloro-1,3-butadiene	ug/L	ND	100	100	100	103	103	103	103	60-140	0
Isopropylbenzene (Cumene)	ug/L	ND	100	100	100	110	115	110	115	60-140	5
m&p-Xylene	ug/L	563	200	200	200	767	787	102	112	60-140	3
Methyl-tert-butyl ether	ug/L	46.9	100	100	100	142	146	95	99	60-140	3
Methylene Chloride	ug/L	ND	100	100	100	104	107	104	107	60-140	3

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3223004 3223005											
Parameter	Units	92531580008		MS	MSD	3223005		MS	MSD	% Rec	Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
n-Butylbenzene	ug/L	ND	100	100	100	103	101	101	103	60-140	2
n-Propylbenzene	ug/L	ND	100	100	100	105	106	106	105	60-140	0
Naphthalene	ug/L	14.1	100	100	100	108	103	89	93	60-140	5
o-Xylene	ug/L	322	100	100	100	433	418	96	111	60-140	4
sec-Butylbenzene	ug/L	ND	100	100	100	108	109	109	108	60-140	1
Styrene	ug/L	ND	100	100	100	112	107	107	112	60-140	5
tert-Butylbenzene	ug/L	ND	100	100	100	94.1	92.6	93	94	60-140	2
Tetrachloroethene	ug/L	ND	100	100	100	113	107	107	113	60-140	5
Toluene	ug/L	290	100	100	100	379	387	97	89	60-140	2
trans-1,2-Dichloroethene	ug/L	ND	100	100	100	113	107	107	113	60-140	5
trans-1,3-Dichloropropene	ug/L	ND	100	100	100	105	106	106	105	60-140	1
Trichloroethene	ug/L	ND	100	100	100	109	107	107	109	60-140	1
Trichlorofluoromethane	ug/L	ND	100	100	100	113	115	115	113	60-140	2
Vinyl chloride	ug/L	ND	100	100	100	101	101	101	101	60-140	0
1,2-Dichloroethane-d4 (S)	%							99	99	70-130	
4-Bromofluorobenzene (S)	%							98	102	70-130	
Toluene-d8 (S)	%							99	99	70-130	

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531580

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531580001	MW-08	MADEP VPH	612029		
92531580002	MW-13	MADEP VPH	612029		
92531580003	MW-14	MADEP VPH	612029		
92531580004	MW-44	MADEP VPH	612029		
92531580005	MW-45	MADEP VPH	612029		
92531580006	MW-46	MADEP VPH	612029		
92531580007	MW-49	MADEP VPH	612029		
92531580008	MW-50	MADEP VPH	611567		
92531580009	MW-51	MADEP VPH	612029		
92531580010	MW-60	MADEP VPH	612029		
92531580011	MW-76	MADEP VPH	612029		
92531580012	MW-62D	MADEP VPH	612029		
92531580013	EB-1-20210406	MADEP VPH	612029		
92531580001	MW-08	EPA 3010A	612230	EPA 6010D	612257
92531580002	MW-13	EPA 3010A	612230	EPA 6010D	612257
92531580003	MW-14	EPA 3010A	612230	EPA 6010D	612257
92531580004	MW-44	EPA 3010A	612230	EPA 6010D	612257
92531580005	MW-45	EPA 3010A	612230	EPA 6010D	612257
92531580006	MW-46	EPA 3010A	612230	EPA 6010D	612257
92531580007	MW-49	EPA 3010A	612230	EPA 6010D	612257
92531580008	MW-50	EPA 3010A	612230	EPA 6010D	612257
92531580009	MW-51	EPA 3010A	612230	EPA 6010D	612257
92531580010	MW-60	EPA 3010A	612230	EPA 6010D	612257
92531580011	MW-76	EPA 3010A	612230	EPA 6010D	612257
92531580012	MW-62D	EPA 3010A	612230	EPA 6010D	612257
92531580013	EB-1-20210406	EPA 3010A	612230	EPA 6010D	612257
92531580001	MW-08	SM 6200B	611970		
92531580002	MW-13	SM 6200B	611970		
92531580003	MW-14	SM 6200B	611970		
92531580004	MW-44	SM 6200B	611970		
92531580005	MW-45	SM 6200B	611970		
92531580006	MW-46	SM 6200B	611970		
92531580007	MW-49	SM 6200B	611970		
92531580008	MW-50	SM 6200B	612109		
92531580009	MW-51	SM 6200B	612017		
92531580010	MW-60	SM 6200B	612017		
92531580011	MW-76	SM 6200B	612017		
92531580012	MW-62D	SM 6200B	612017		
92531580013	EB-1-20210406	SM 6200B	612017		
92531580014	Trip Blank	SM 6200B	612017		

REPORT OF LABORATORY ANALYSIS

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	Document Name:	Document Revised: October 20, 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 #:

WO#: 92531580



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

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

Date/Initials Person Examining Contents:

4/7/21 DO

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:

4.3, 2.9

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):

4.3, 2.9

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#: 92531580

PM: NMG

Due Date: 04/09/21

CLIENT: 92-AECOM CHA

1

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 #

2

WO# : 92531580

PM: NMG

Due Date: 04/09/21

CLIENT: 92-AECOM CHA

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

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: 3 day TAT

Section B

Required Project Information:

Report To: Andrew Wreschnig
 Copy To:
 Purchase Order #:
 Project Name: CFC Huntersville
 Project #:

Section C

Invoice Information:

Attention:
 Company Name:
 Address:
 Pace Quote:
 Pace Project Manager: nicole.gastrowski@paceclabs.com
 Pace Profile #: 12518

Regulatory Agency
 State / Location
 NC

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 /, -) Sample IDs must be unique	MATRIX Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Other Tissue	CODE DW WT WW P SL OL WP AR OT TS	MATRIX CODE (see valid codes to left)		SAMPLE TYPE (G=GRAB C=COMP)		COLLECTED		DATE		TIME		SAMPLE TEMP AT COLLECTION		# OF CONTAINERS		Preservatives		Analyses Test		Requested Analysis Filtered (Y/N)		Residual Chlorine (Y/N)		
				START	END	DATE	TIME	DATE	TIME	DATE	TIME	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	6200 VOCs	NC VPH	6010 Lead	Trip BLANK			
1	MM-08										4/6/21	0915				5					XXX					
2	MM-13																									
3	MM-14																									
4	MM-44																									
5	MM-45																									
6	MM-46																									
7	MM-49																									
8	MM-50																									
9	MM-51																									
10	MM-60																									
11	MM-76																									
12	MM-62D																									
ADDITIONAL COMMENTS				RELINQUISHED BY / AFFILIATION				DATE		TIME		ACCEPTED BY / AFFILIATION				DATE		TIME		SAMPLE CONDITIONS						
3 day TAT				Emily E. Jones / AECOM				4/6/21				IO Pace Hx				4/6/21		17:15		4.3		Y Y				

ADDITIONAL COMMENTS: 3 day TAT

REINQUISHED BY / AFFILIATION: Emily D. Fort / AECOM 4/6/21

ACCEPTED BY / AFFILIATION: IO Pace Inc 4/6/21 17:15

SAMPLER NAME AND SIGNATURE: PRINT Name of SAMPLER: Emily Fort

SIGNATURE of SAMPLER: Emily D. Fort DATE Signed: 4/6/2021

TEMP IN C: 4.3

Received on Ice (Y/N): Y

Custody Sealed Cooler (Y/N): Y

Samples Intact (Y/N): Y

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:					
Company:	AECOM	Report To:	Andrew Wresching	Invoice Information:	
Address:	6000 Fairview Road	Copy To:		Attention:	
Suite:	200, Charlotte, NC 28226	Company Name:		Address:	
Email:		Purchase Order #:		Pace Quote:	
Phone:	(704)522-0350	Fax:		Pace Project Manager:	nicole.gastrowski@paceclabs.com,
Requested Due Date:		Project #:		Pace Profile #:	12518
			Regulatory Agency		
			State / Location		
			NC		

Page : 2 Of 2

[illegible]

SAMPLER NAME AND SIGNATURE		
PRINT Name of SAMPLER: Emily Love		
SIGNATURE of SAMPLER: Emily E. Love	DATE Signed: 4/6/2021	
TEMP in C		
Received on Ice (Y/N)		
Custody Sealed Cooler (Y/N)		
Samples Intact (Y/N)		

April 09, 2021

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

RE: Project: CPC Huntersville (4/6/21)
Pace Project No.: 92531581

Dear Andrew Wreschnig:

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

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CERTIFICATIONS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531581

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531581

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531581001	MW-05	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531581002	MW-35	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531581003	FB-1-20210406	MADEP VPH	LMB	6	PASI-C
		SM 6200B	SAS	63	PASI-C
92531581004	Trip Blank	SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531581

Sample: MW-05		Lab ID: 92531581001		Collected: 04/06/21 15:10		Received: 04/06/21 17:15		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		04/08/21 07:55		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/08/21 07:55		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/08/21 07:55		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/08/21 07:55		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	92	%	70-130	1		04/08/21 07:55	460-00-4		
4-Bromofluorobenzene (PID) (S)	89	%	70-130	1		04/08/21 07:55	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/08/21 02:05	04/08/21 17:58	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/08/21 03:26	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/08/21 03:26	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/08/21 03:26	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/08/21 03:26	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/08/21 03:26	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/08/21 03:26	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/08/21 03:26	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/08/21 03:26	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/08/21 03:26	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/08/21 03:26	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/08/21 03:26	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/08/21 03:26	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/08/21 03:26	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/08/21 03:26	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 03:26	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 03:26	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/08/21 03:26	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/08/21 03:26	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/08/21 03:26	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/08/21 03:26	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 03:26	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 03:26	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 03:26	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/08/21 03:26	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/08/21 03:26	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/08/21 03:26	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/08/21 03:26	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 03:26	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 03:26	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 03:26	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/08/21 03:26	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 03:26	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531581

Sample: MW-05		Lab ID: 92531581001	Collected: 04/06/21 15:10	Received: 04/06/21 17:15	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		04/08/21 03:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 03:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 03:26	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/08/21 03:26	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/08/21 03:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/08/21 03:26	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/08/21 03:26	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/08/21 03:26	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/08/21 03:26	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/08/21 03:26	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/08/21 03:26	103-65-1	
Styrene	ND	ug/L	0.50	1		04/08/21 03:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 03:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 03:26	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		04/08/21 03:26	127-18-4	
Toluene	ND	ug/L	0.50	1		04/08/21 03:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 03:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 03:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/08/21 03:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/08/21 03:26	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		04/08/21 03:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/08/21 03:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/08/21 03:26	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 03:26	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 03:26	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		04/08/21 03:26	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		04/08/21 03:26	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		04/08/21 03:26	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		04/08/21 03:26	17060-07-0	
4-Bromofluorobenzene (S)	92	%	70-130	1		04/08/21 03:26	460-00-4	
Toluene-d8 (S)	102	%	70-130	1		04/08/21 03:26	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531581

Sample: MW-35		Lab ID: 92531581002		Collected: 04/06/21 13:30		Received: 04/06/21 17:15		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		04/08/21 08:24		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/08/21 08:24		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/08/21 08:24		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/08/21 08:24		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	91	%	70-130	1		04/08/21 08:24	460-00-4		
4-Bromofluorobenzene (PID) (S)	87	%	70-130	1		04/08/21 08:24	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/08/21 02:05	04/08/21 18:01	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/08/21 03:44	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/08/21 03:44	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/08/21 03:44	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/08/21 03:44	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/08/21 03:44	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/08/21 03:44	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/08/21 03:44	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/08/21 03:44	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/08/21 03:44	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/08/21 03:44	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/08/21 03:44	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/08/21 03:44	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/08/21 03:44	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/08/21 03:44	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 03:44	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 03:44	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/08/21 03:44	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/08/21 03:44	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/08/21 03:44	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/08/21 03:44	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 03:44	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 03:44	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 03:44	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/08/21 03:44	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/08/21 03:44	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/08/21 03:44	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/08/21 03:44	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 03:44	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 03:44	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 03:44	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/08/21 03:44	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 03:44	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531581

Sample: MW-35		Lab ID: 92531581002		Collected: 04/06/21 13:30		Received: 04/06/21 17:15		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		04/08/21 03:44	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 03:44	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 03:44	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/08/21 03:44	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/08/21 03:44	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/08/21 03:44	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/08/21 03:44	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/08/21 03:44	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/08/21 03:44	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/08/21 03:44	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/08/21 03:44	103-65-1		
Styrene	ND	ug/L	0.50	1		04/08/21 03:44	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 03:44	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 03:44	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/08/21 03:44	127-18-4		
Toluene	ND	ug/L	0.50	1		04/08/21 03:44	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 03:44	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 03:44	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/08/21 03:44	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/08/21 03:44	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/08/21 03:44	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/08/21 03:44	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/08/21 03:44	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 03:44	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 03:44	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/08/21 03:44	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/08/21 03:44	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/08/21 03:44	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		04/08/21 03:44	17060-07-0		
4-Bromofluorobenzene (S)	89	%	70-130	1		04/08/21 03:44	460-00-4		
Toluene-d8 (S)	102	%	70-130	1		04/08/21 03:44	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531581

Sample: FB-1-20210406		Lab ID: 92531581003		Collected: 04/06/21 15:15		Received: 04/06/21 15:17		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		04/07/21 17:11		N2	
Aliphatic (C09-C12)	66.8	ug/L	50.0	1		04/07/21 17:11		N2	
Aliphatic(C09-C12) Adjusted	64.7	ug/L	50.0	1		04/07/21 17:11		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/07/21 17:11		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	95	%	70-130	1		04/07/21 17:11	460-00-4		
4-Bromofluorobenzene (PID) (S)	89	%	70-130	1		04/07/21 17:11	460-00-4		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/07/21 23:13	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/07/21 23:13	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/07/21 23:13	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/07/21 23:13	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/07/21 23:13	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/07/21 23:13	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/07/21 23:13	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/07/21 23:13	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/07/21 23:13	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/07/21 23:13	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/07/21 23:13	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/07/21 23:13	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/07/21 23:13	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/07/21 23:13	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 23:13	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 23:13	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/07/21 23:13	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/07/21 23:13	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/07/21 23:13	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/07/21 23:13	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 23:13	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 23:13	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 23:13	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/07/21 23:13	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/07/21 23:13	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/07/21 23:13	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/07/21 23:13	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 23:13	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 23:13	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 23:13	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/07/21 23:13	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 23:13	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		04/07/21 23:13	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 23:13	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 23:13	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/07/21 23:13	108-20-3		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531581

Sample: FB-1-20210406		Lab ID: 92531581003		Collected: 04/06/21 15:15		Received: 04/06/21 15:17		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Ethylbenzene	ND	ug/L	0.50	1		04/07/21 23:13	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/07/21 23:13	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/07/21 23:13	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/07/21 23:13	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/07/21 23:13	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/07/21 23:13	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/07/21 23:13	103-65-1		
Styrene	ND	ug/L	0.50	1		04/07/21 23:13	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 23:13	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 23:13	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/07/21 23:13	127-18-4		
Toluene	ND	ug/L	0.50	1		04/07/21 23:13	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 23:13	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 23:13	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/07/21 23:13	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/07/21 23:13	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/07/21 23:13	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/07/21 23:13	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/07/21 23:13	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 23:13	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 23:13	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/07/21 23:13	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/07/21 23:13	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/07/21 23:13	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		04/07/21 23:13	17060-07-0		
4-Bromofluorobenzene (S)	96	%	70-130	1		04/07/21 23:13	460-00-4		
Toluene-d8 (S)	102	%	70-130	1		04/07/21 23:13	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531581

Sample: Trip Blank		Lab ID: 92531581004	Collected: 04/06/21 00:00	Received: 04/06/21 15:17	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		04/07/21 23:31	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		04/07/21 23:31	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		04/07/21 23:31	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		04/07/21 23:31	75-27-4	
Bromoform	ND	ug/L	0.50	1		04/07/21 23:31	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/07/21 23:31	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		04/07/21 23:31	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		04/07/21 23:31	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		04/07/21 23:31	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		04/07/21 23:31	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		04/07/21 23:31	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/07/21 23:31	75-00-3	
Chloroform	ND	ug/L	0.50	1		04/07/21 23:31	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/07/21 23:31	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 23:31	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 23:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/07/21 23:31	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		04/07/21 23:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/07/21 23:31	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		04/07/21 23:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 23:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 23:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 23:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/07/21 23:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		04/07/21 23:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		04/07/21 23:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		04/07/21 23:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 23:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 23:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 23:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		04/07/21 23:31	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 23:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		04/07/21 23:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 23:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 23:31	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/07/21 23:31	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/07/21 23:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/07/21 23:31	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/07/21 23:31	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/07/21 23:31	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/07/21 23:31	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/07/21 23:31	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/07/21 23:31	103-65-1	
Styrene	ND	ug/L	0.50	1		04/07/21 23:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 23:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 23:31	79-34-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531581

Sample: Trip Blank		Lab ID: 92531581004		Collected: 04/06/21 00:00		Received: 04/06/21 15:17		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		04/07/21 23:31	127-18-4		
Toluene	ND	ug/L	0.50	1		04/07/21 23:31	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 23:31	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 23:31	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/07/21 23:31	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/07/21 23:31	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/07/21 23:31	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/07/21 23:31	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/07/21 23:31	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 23:31	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 23:31	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/07/21 23:31	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/07/21 23:31	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/07/21 23:31	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		04/07/21 23:31	17060-07-0		
4-Bromofluorobenzene (S)	96	%	70-130	1		04/07/21 23:31	460-00-4		
Toluene-d8 (S)	101	%	70-130	1		04/07/21 23:31	2037-26-5		

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531581

QC Batch:	612029	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92531581003

METHOD BLANK: 3221527 Matrix: Water

Associated Lab Samples: 92531581003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/07/21 15:17	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/07/21 15:17	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/07/21 15:17	N2
4-Bromofluorobenzene (FID) (S)	%	100	70-130	04/07/21 15:17	
4-Bromofluorobenzene (PID) (S)	%	95	70-130	04/07/21 15:17	

LABORATORY CONTROL SAMPLE & LCSD: 3221528

LABORATORY CONTROL SAMPLE & LCSD: 3221528			3221529							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	283	284	94	95	70-130	0	25	N2
Aliphatic (C09-C12)	ug/L	300	327	344	109	115	70-130	5	25	N2
Aromatic (C09-C10)	ug/L	100	92.9	96.8	93	97	70-130	4	25	N2
4-Bromofluorobenzene (FID) (S)	%				91	96	70-130			
4-Bromofluorobenzene (PID) (S)	%				86	91	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531581

QC Batch:	612032	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92531581001, 92531581002

METHOD BLANK: 3221538 Matrix: Water

Associated Lab Samples: 92531581001, 92531581002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/07/21 15:46	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/07/21 15:46	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/07/21 15:46	N2
4-Bromofluorobenzene (FID) (S)	%	94	70-130	04/07/21 15:46	
4-Bromofluorobenzene (PID) (S)	%	89	70-130	04/07/21 15:46	

LABORATORY CONTROL SAMPLE & LCSD: 3221539

LABORATORY CONTROL SAMPLE & LCSD: 3221539			3221540							
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	257	92	86	70-130	7	25	N2
Aliphatic (C09-C12)	ug/L	300	341	325	114	108	70-130	5	25	N2
Aromatic (C09-C10)	ug/L	100	98.2	95.2	98	95	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				101	93	70-130			
4-Bromofluorobenzene (PID) (S)	%				94	88	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531581

QC Batch: 612232

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92531581001, 92531581002

METHOD BLANK: 3222790

Matrix: Water

Associated Lab Samples: 92531581001, 92531581002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/08/21 17:39	

LABORATORY CONTROL SAMPLE: 3222791

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	466	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3222792 3222793

Parameter	Units	92531760001 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	468	469	94	94	75-125	0	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531581

QC Batch: 612017

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531581001, 92531581002, 92531581003, 92531581004

METHOD BLANK: 3221451

Matrix: Water

Associated Lab Samples: 92531581001, 92531581002, 92531581003, 92531581004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/07/21 22:01	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/07/21 22:01	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/07/21 22:01	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/07/21 22:01	
1,1-Dichloroethane	ug/L	ND	0.50	04/07/21 22:01	
1,1-Dichloroethene	ug/L	ND	0.50	04/07/21 22:01	
1,1-Dichloropropene	ug/L	ND	0.50	04/07/21 22:01	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/07/21 22:01	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/07/21 22:01	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/07/21 22:01	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/07/21 22:01	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/07/21 22:01	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/07/21 22:01	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/07/21 22:01	
1,2-Dichloroethane	ug/L	ND	0.50	04/07/21 22:01	
1,2-Dichloropropane	ug/L	ND	0.50	04/07/21 22:01	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/07/21 22:01	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/07/21 22:01	
1,3-Dichloropropane	ug/L	ND	0.50	04/07/21 22:01	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/07/21 22:01	
2,2-Dichloropropane	ug/L	ND	0.50	04/07/21 22:01	
2-Chlorotoluene	ug/L	ND	0.50	04/07/21 22:01	
4-Chlorotoluene	ug/L	ND	0.50	04/07/21 22:01	
Benzene	ug/L	ND	0.50	04/07/21 22:01	
Bromobenzene	ug/L	ND	0.50	04/07/21 22:01	
Bromochloromethane	ug/L	ND	0.50	04/07/21 22:01	
Bromodichloromethane	ug/L	ND	0.50	04/07/21 22:01	
Bromoform	ug/L	ND	0.50	04/07/21 22:01	
Bromomethane	ug/L	ND	5.0	04/07/21 22:01	
Carbon tetrachloride	ug/L	ND	0.50	04/07/21 22:01	
Chlorobenzene	ug/L	ND	0.50	04/07/21 22:01	
Chloroethane	ug/L	ND	1.0	04/07/21 22:01	
Chloroform	ug/L	ND	0.50	04/07/21 22:01	
Chloromethane	ug/L	ND	1.0	04/07/21 22:01	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/07/21 22:01	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/07/21 22:01	
Dibromochloromethane	ug/L	ND	0.50	04/07/21 22:01	
Dibromomethane	ug/L	ND	0.50	04/07/21 22:01	
Dichlorodifluoromethane	ug/L	ND	0.50	04/07/21 22:01	
Diisopropyl ether	ug/L	ND	0.50	04/07/21 22:01	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531581

METHOD BLANK: 3221451

Matrix: Water

Associated Lab Samples: 92531581001, 92531581002, 92531581003, 92531581004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/07/21 22:01	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/07/21 22:01	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/07/21 22:01	
m&p-Xylene	ug/L	ND	1.0	04/07/21 22:01	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/07/21 22:01	
Methylene Chloride	ug/L	ND	2.0	04/07/21 22:01	
n-Butylbenzene	ug/L	ND	0.50	04/07/21 22:01	
n-Propylbenzene	ug/L	ND	0.50	04/07/21 22:01	
Naphthalene	ug/L	ND	2.0	04/07/21 22:01	
o-Xylene	ug/L	ND	0.50	04/07/21 22:01	
sec-Butylbenzene	ug/L	ND	0.50	04/07/21 22:01	
Styrene	ug/L	ND	0.50	04/07/21 22:01	
tert-Butylbenzene	ug/L	ND	0.50	04/07/21 22:01	
Tetrachloroethene	ug/L	ND	0.50	04/07/21 22:01	
Toluene	ug/L	ND	0.50	04/07/21 22:01	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/07/21 22:01	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/07/21 22:01	
Trichloroethene	ug/L	ND	0.50	04/07/21 22:01	
Trichlorofluoromethane	ug/L	ND	1.0	04/07/21 22:01	
Vinyl chloride	ug/L	ND	1.0	04/07/21 22:01	
1,2-Dichloroethane-d4 (S)	%	99	70-130	04/07/21 22:01	
4-Bromofluorobenzene (S)	%	97	70-130	04/07/21 22:01	
Toluene-d8 (S)	%	102	70-130	04/07/21 22:01	

LABORATORY CONTROL SAMPLE: 3221452

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.1	104	60-140	
1,1,1-Trichloroethane	ug/L	50	49.9	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	50.2	100	60-140	
1,1,2-Trichloroethane	ug/L	50	53.2	106	60-140	
1,1-Dichloroethane	ug/L	50	51.1	102	60-140	
1,1-Dichloroethene	ug/L	50	51.5	103	60-140	
1,1-Dichloropropene	ug/L	50	50.5	101	60-140	
1,2,3-Trichlorobenzene	ug/L	50	51.6	103	60-140	
1,2,3-Trichloropropane	ug/L	50	48.0	96	60-140	
1,2,4-Trichlorobenzene	ug/L	50	51.5	103	60-140	
1,2,4-Trimethylbenzene	ug/L	50	51.7	103	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	53.8	108	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	51.8	104	60-140	
1,2-Dichlorobenzene	ug/L	50	50.5	101	60-140	
1,2-Dichloroethane	ug/L	50	45.1	90	60-140	
1,2-Dichloropropane	ug/L	50	50.7	101	60-140	
1,3,5-Trimethylbenzene	ug/L	50	52.1	104	60-140	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531581

LABORATORY CONTROL SAMPLE: 3221452

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	51.8	104	60-140	
1,3-Dichloropropane	ug/L	50	51.6	103	60-140	
1,4-Dichlorobenzene	ug/L	50	52.1	104	60-140	
2,2-Dichloropropane	ug/L	50	51.9	104	60-140	
2-Chlorotoluene	ug/L	50	51.4	103	60-140	
4-Chlorotoluene	ug/L	50	50.2	100	60-140	
Benzene	ug/L	50	49.0	98	60-140	
Bromobenzene	ug/L	50	51.2	102	60-140	
Bromochloromethane	ug/L	50	50.7	101	60-140	
Bromodichloromethane	ug/L	50	51.3	103	60-140	
Bromoform	ug/L	50	52.6	105	60-140	
Bromomethane	ug/L	50	50.7	101	60-140	
Carbon tetrachloride	ug/L	50	49.7	99	60-140	
Chlorobenzene	ug/L	50	51.1	102	60-140	
Chloroethane	ug/L	50	42.4	85	60-140	
Chloroform	ug/L	50	44.4	89	60-140	
Chloromethane	ug/L	50	46.9	94	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.8	102	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.1	104	60-140	
Dibromochloromethane	ug/L	50	55.7	111	60-140	
Dibromomethane	ug/L	50	50.1	100	60-140	
Dichlorodifluoromethane	ug/L	50	42.1	84	60-140	
Diisopropyl ether	ug/L	50	46.5	93	60-140	
Ethylbenzene	ug/L	50	50.0	100	60-140	
Hexachloro-1,3-butadiene	ug/L	50	49.7	99	60-140	
Isopropylbenzene (Cumene)	ug/L	50	51.9	104	60-140	
m&p-Xylene	ug/L	100	102	102	60-140	
Methyl-tert-butyl ether	ug/L	50	46.6	93	60-140	
Methylene Chloride	ug/L	50	49.1	98	60-140	
n-Butylbenzene	ug/L	50	51.3	103	60-140	
n-Propylbenzene	ug/L	50	50.6	101	60-140	
Naphthalene	ug/L	50	50.5	101	60-140	
o-Xylene	ug/L	50	49.0	98	60-140	
sec-Butylbenzene	ug/L	50	50.8	102	60-140	
Styrene	ug/L	50	52.2	104	60-140	
tert-Butylbenzene	ug/L	50	43.5	87	60-140	
Tetrachloroethene	ug/L	50	51.6	103	60-140	
Toluene	ug/L	50	48.6	97	60-140	
trans-1,2-Dichloroethene	ug/L	50	51.5	103	60-140	
trans-1,3-Dichloropropene	ug/L	50	54.9	110	60-140	
Trichloroethene	ug/L	50	48.6	97	60-140	
Trichlorofluoromethane	ug/L	50	41.4	83	60-140	
Vinyl chloride	ug/L	50	47.7	95	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			98	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531581

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221453 3221454											
Parameter	Units	92531581002		MS	MSD	MS		MSD	% Rec		Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20	22.6	18.9	113	94	60-140	18
1,1,1-Trichloroethane	ug/L	ND	20	20	20	23.7	19.7	118	98	60-140	19
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20	21.7	17.6	109	88	60-140	21
1,1,2-Trichloroethane	ug/L	ND	20	20	20	22.0	17.7	110	88	60-140	22
1,1-Dichloroethane	ug/L	ND	20	20	20	23.6	19.5	118	97	60-140	19
1,1-Dichloroethene	ug/L	ND	20	20	20	25.5	21.8	128	109	60-140	16
1,1-Dichloropropene	ug/L	ND	20	20	20	23.6	19.7	118	98	60-140	18
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20	24.2	19.1	121	96	60-140	24
1,2,3-Trichloropropane	ug/L	ND	20	20	20	21.1	17.1	105	86	60-140	21
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20	23.7	18.7	118	94	60-140	23
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20	22.8	19.2	114	96	60-140	17
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20	22.9	17.9	114	89	60-140	25
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20	22.1	18.4	111	92	60-140	19
1,2-Dichlorobenzene	ug/L	ND	20	20	20	21.4	18.2	107	91	60-140	16
1,2-Dichloroethane	ug/L	ND	20	20	20	20.2	16.8	101	84	60-140	18
1,2-Dichloropropane	ug/L	ND	20	20	20	22.8	18.7	114	94	60-140	19
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20	23.3	19.8	116	99	60-140	16
1,3-Dichlorobenzene	ug/L	ND	20	20	20	21.9	18.6	110	93	60-140	16
1,3-Dichloropropane	ug/L	ND	20	20	20	22.5	18.1	112	90	60-140	22
1,4-Dichlorobenzene	ug/L	ND	20	20	20	22.6	18.5	113	93	60-140	20
2,2-Dichloropropane	ug/L	ND	20	20	20	24.7	20.4	124	102	60-140	19
2-Chlorotoluene	ug/L	ND	20	20	20	22.9	19.6	114	98	60-140	16
4-Chlorotoluene	ug/L	ND	20	20	20	22.0	18.8	110	94	60-140	16
Benzene	ug/L	ND	20	20	20	22.6	18.4	113	92	60-140	20
Bromobenzene	ug/L	ND	20	20	20	22.4	19.3	112	97	60-140	15
Bromochloromethane	ug/L	ND	20	20	20	22.9	19.0	114	95	60-140	19
Bromodichloromethane	ug/L	ND	20	20	20	22.4	18.2	112	91	60-140	21
Bromoform	ug/L	ND	20	20	20	21.8	18.0	109	90	60-140	19
Bromomethane	ug/L	ND	20	20	20	26.9	23.5	134	117	60-140	14
Carbon tetrachloride	ug/L	ND	20	20	20	23.9	18.8	120	94	60-140	24
Chlorobenzene	ug/L	ND	20	20	20	22.4	18.8	112	94	60-140	17
Chloroethane	ug/L	ND	20	20	20	25.7	22.1	128	110	60-140	15
Chloroform	ug/L	ND	20	20	20	20.7	16.6	104	83	60-140	22
Chloromethane	ug/L	ND	20	20	20	23.5	19.0	118	95	60-140	21
cis-1,2-Dichloroethene	ug/L	ND	20	20	20	23.3	19.3	117	97	60-140	19
cis-1,3-Dichloropropene	ug/L	ND	20	20	20	22.7	18.3	114	92	60-140	21
Dibromochloromethane	ug/L	ND	20	20	20	23.2	18.4	116	92	60-140	23
Dibromomethane	ug/L	ND	20	20	20	21.8	17.6	109	88	60-140	21
Dichlorodifluoromethane	ug/L	ND	20	20	20	21.5	17.6	107	88	60-140	20
Diisopropyl ether	ug/L	ND	20	20	20	21.0	17.1	105	85	60-140	21
Ethylbenzene	ug/L	ND	20	20	20	22.5	18.6	112	93	60-140	19
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20	26.4	21.1	132	105	60-140	22
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20	23.7	19.8	118	99	60-140	18
m&p-Xylene	ug/L	ND	40	40	40	45.6	37.7	114	94	60-140	19
Methyl-tert-butyl ether	ug/L	ND	20	20	20	20.2	17.2	101	86	60-140	16
Methylene Chloride	ug/L	ND	20	20	20	21.7	17.9	109	89	60-140	19

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531581

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221453 3221454											
Parameter	Units	92531581002		MS	MSD	3221453		MS	MSD	3221454	
		Result	Conc.	Spike	Spike	Result	Conc.	Result	Conc.	% Rec	% Rec
										Limits	RPD
n-Butylbenzene	ug/L	ND	20	20	20	23.9	20.0	120	100	60-140	18
n-Propylbenzene	ug/L	ND	20	20	20	23.2	19.8	116	99	60-140	16
Naphthalene	ug/L	ND	20	20	20	22.3	17.6	111	88	60-140	24
o-Xylene	ug/L	ND	20	20	20	22.0	18.6	110	93	60-140	17
sec-Butylbenzene	ug/L	ND	20	20	20	23.7	20.0	119	100	60-140	17
Styrene	ug/L	ND	20	20	20	22.3	18.6	112	93	60-140	18
tert-Butylbenzene	ug/L	ND	20	20	20	20.2	17.2	101	86	60-140	16
Tetrachloroethene	ug/L	ND	20	20	20	23.3	18.2	117	91	60-140	25
Toluene	ug/L	ND	20	20	20	22.1	18.2	111	91	60-140	19
trans-1,2-Dichloroethene	ug/L	ND	20	20	20	24.4	19.9	122	100	60-140	20
trans-1,3-Dichloropropene	ug/L	ND	20	20	20	22.7	18.4	114	92	60-140	21
Trichloroethene	ug/L	ND	20	20	20	22.7	18.5	114	92	60-140	21
Trichlorofluoromethane	ug/L	ND	20	20	20	23.8	19.9	119	99	60-140	18
Vinyl chloride	ug/L	ND	20	20	20	23.7	18.9	119	94	60-140	23
1,2-Dichloroethane-d4 (S)	%							100	99	70-130	
4-Bromofluorobenzene (S)	%							100	98	70-130	
Toluene-d8 (S)	%							98	97	70-130	

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QUALIFIERS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531581

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531581

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531581001	MW-05	MADEP VPH	612032		
92531581002	MW-35	MADEP VPH	612032		
92531581003	FB-1-20210406	MADEP VPH	612029		
92531581001	MW-05	EPA 3010A	612232	EPA 6010D	612255
92531581002	MW-35	EPA 3010A	612232	EPA 6010D	612255
92531581001	MW-05	SM 6200B	612017		
92531581002	MW-35	SM 6200B	612017		
92531581003	FB-1-20210406	SM 6200B	612017		
92531581004	Trip Blank	SM 6200B	612017		

REPORT OF LABORATORY ANALYSIS

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	Document Name:	Document Revised: October 26, 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: <u>Aecom</u>	Project # W0# : 92531581
Courier: ☐ Commercial ☐ Fed Ex ☐ UPS ☐ USPS ☐ Other: _____	☒ Client	 92531581

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

Date/Initials Person Examining Contents: VS 4/7/21

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

Biological Tissue Frozen?

Thermometer: ☒ IR Gun ID: 927064 Type of Ice: ☒ Wet ☐ Blue ☐ None

☐ Yes ☐ No ☒ N/A

Cooler Temp: 53 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): 5.3

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

COC did not check lead testing for sample 3 but a container was still submitted. Samples collected 4/6/21. 1 @ 1510, 2 @ 1330, 3 @ 1515

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# : 92531581**

PM: NMG

Due Date: 04/13/21

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																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

e 24 of 24

[illegible]

April 09, 2021

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

RE: Project: CPC Huntersville (4/6/21)
Pace Project No.: 92531585

Dear Andrew Wreschnig:

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

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CERTIFICATIONS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531585001	MW-21	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531585002	MW-23	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531585003	MW-31	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531585004	MW-77	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531585005	MW-78	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531585006	MW-79	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531585007	MW-79D	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531585008	Trip Blank	SM 6200B	SAS	63	PASI-C
92531585009	DUP-1-20210406	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

Sample: MW-21		Lab ID: 92531585001		Collected: 04/06/21 14:05		Received: 04/06/21 17:15		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)	72.6	ug/L	50.0	1		04/07/21 23:23		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/07/21 23:23		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/07/21 23:23		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/07/21 23:23		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	93	%	70-130	1		04/07/21 23:23	460-00-4		
4-Bromofluorobenzene (PID) (S)	90	%	70-130	1		04/07/21 23:23	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/08/21 02:05	04/08/21 16:06	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/08/21 00:43	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/08/21 00:43	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/08/21 00:43	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/08/21 00:43	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/08/21 00:43	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/08/21 00:43	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/08/21 00:43	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/08/21 00:43	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/08/21 00:43	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/08/21 00:43	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/08/21 00:43	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/08/21 00:43	75-00-3		
Chloroform	1.3	ug/L	0.50	1		04/08/21 00:43	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/08/21 00:43	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 00:43	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 00:43	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/08/21 00:43	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/08/21 00:43	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/08/21 00:43	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/08/21 00:43	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 00:43	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 00:43	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 00:43	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/08/21 00:43	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/08/21 00:43	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/08/21 00:43	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/08/21 00:43	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 00:43	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 00:43	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 00:43	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/08/21 00:43	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 00:43	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

Sample: MW-21		Lab ID: 92531585001	Collected: 04/06/21 14:05	Received: 04/06/21 17:15	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		04/08/21 00:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 00:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 00:43	10061-02-6	
Diisopropyl ether	29.2	ug/L	0.50	1		04/08/21 00:43	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/08/21 00:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/08/21 00:43	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/08/21 00:43	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/08/21 00:43	75-09-2	
Methyl-tert-butyl ether	11.1	ug/L	0.50	1		04/08/21 00:43	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/08/21 00:43	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/08/21 00:43	103-65-1	
Styrene	ND	ug/L	0.50	1		04/08/21 00:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 00:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 00:43	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		04/08/21 00:43	127-18-4	
Toluene	ND	ug/L	0.50	1		04/08/21 00:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 00:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 00:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/08/21 00:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/08/21 00:43	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		04/08/21 00:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/08/21 00:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/08/21 00:43	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 00:43	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 00:43	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		04/08/21 00:43	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		04/08/21 00:43	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		04/08/21 00:43	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		04/08/21 00:43	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130	1		04/08/21 00:43	460-00-4	
Toluene-d8 (S)	102	%	70-130	1		04/08/21 00:43	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

Sample: MW-23		Lab ID: 92531585002		Collected: 04/06/21 14:20		Received: 04/06/21 17:15		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		04/07/21 23:52		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/07/21 23:52		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/07/21 23:52		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/07/21 23:52		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130	1		04/07/21 23:52	460-00-4		
4-Bromofluorobenzene (PID) (S)	95	%	70-130	1		04/07/21 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	1	04/08/21 02:05	04/08/21 16:09	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/08/21 01:19	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/08/21 01:19	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/08/21 01:19	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/08/21 01:19	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/08/21 01:19	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/08/21 01:19	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/08/21 01:19	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/08/21 01:19	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/08/21 01:19	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/08/21 01:19	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/08/21 01:19	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/08/21 01:19	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/08/21 01:19	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/08/21 01:19	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 01:19	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 01:19	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/08/21 01:19	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/08/21 01:19	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/08/21 01:19	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/08/21 01:19	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 01:19	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 01:19	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 01:19	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/08/21 01:19	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/08/21 01:19	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/08/21 01:19	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/08/21 01:19	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 01:19	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 01:19	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 01:19	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/08/21 01:19	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 01:19	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

Sample: MW-23		Lab ID: 92531585002		Collected: 04/06/21 14:20		Received: 04/06/21 17:15		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		04/08/21 01:19	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 01:19	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 01:19	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/08/21 01:19	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/08/21 01:19	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/08/21 01:19	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/08/21 01:19	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/08/21 01:19	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/08/21 01:19	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/08/21 01:19	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/08/21 01:19	103-65-1		
Styrene	ND	ug/L	0.50	1		04/08/21 01:19	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 01:19	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 01:19	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/08/21 01:19	127-18-4		
Toluene	ND	ug/L	0.50	1		04/08/21 01:19	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 01:19	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 01:19	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/08/21 01:19	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/08/21 01:19	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/08/21 01:19	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/08/21 01:19	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/08/21 01:19	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 01:19	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 01:19	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/08/21 01:19	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/08/21 01:19	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/08/21 01:19	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		04/08/21 01:19	17060-07-0		
4-Bromofluorobenzene (S)	103	%	70-130	1		04/08/21 01:19	460-00-4		
Toluene-d8 (S)	102	%	70-130	1		04/08/21 01:19	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

Sample: MW-31		Lab ID: 92531585003		Collected: 04/06/21 09:30		Received: 04/06/21 17:15		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		04/08/21 00:20		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/08/21 00:20		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/08/21 00:20		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/08/21 00:20		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	93	%	70-130	1		04/08/21 00:20	460-00-4		
4-Bromofluorobenzene (PID) (S)	89	%	70-130	1		04/08/21 00:20	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/08/21 02:05	04/08/21 16:12	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/08/21 01:37	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/08/21 01:37	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/08/21 01:37	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/08/21 01:37	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/08/21 01:37	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/08/21 01:37	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/08/21 01:37	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/08/21 01:37	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/08/21 01:37	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/08/21 01:37	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/08/21 01:37	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/08/21 01:37	75-00-3		
Chloroform	0.86	ug/L	0.50	1		04/08/21 01:37	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/08/21 01:37	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 01:37	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 01:37	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/08/21 01:37	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/08/21 01:37	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/08/21 01:37	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/08/21 01:37	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 01:37	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 01:37	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 01:37	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/08/21 01:37	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/08/21 01:37	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/08/21 01:37	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/08/21 01:37	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 01:37	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 01:37	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 01:37	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/08/21 01:37	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 01:37	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

Sample: MW-31		Lab ID: 92531585003	Collected: 04/06/21 09:30	Received: 04/06/21 17:15	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		04/08/21 01:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 01:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 01:37	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/08/21 01:37	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/08/21 01:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/08/21 01:37	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/08/21 01:37	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/08/21 01:37	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/08/21 01:37	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/08/21 01:37	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/08/21 01:37	103-65-1	
Styrene	ND	ug/L	0.50	1		04/08/21 01:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 01:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 01:37	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		04/08/21 01:37	127-18-4	
Toluene	ND	ug/L	0.50	1		04/08/21 01:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 01:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 01:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/08/21 01:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/08/21 01:37	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		04/08/21 01:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/08/21 01:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/08/21 01:37	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 01:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 01:37	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		04/08/21 01:37	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		04/08/21 01:37	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		04/08/21 01:37	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		04/08/21 01:37	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130	1		04/08/21 01:37	460-00-4	
Toluene-d8 (S)	103	%	70-130	1		04/08/21 01:37	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

Sample: MW-77		Lab ID: 92531585004		Collected: 04/06/21 12:35		Received: 04/06/21 17:15		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		04/08/21 00:49		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/08/21 00:49		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/08/21 00:49		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/08/21 00:49		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	95	%	70-130	1		04/08/21 00:49	460-00-4		
4-Bromofluorobenzene (PID) (S)	91	%	70-130	1		04/08/21 00:49	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	5.5	ug/L	5.0	1	04/08/21 02:05	04/08/21 16:16	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/08/21 01:55	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/08/21 01:55	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/08/21 01:55	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/08/21 01:55	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/08/21 01:55	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/08/21 01:55	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/08/21 01:55	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/08/21 01:55	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/08/21 01:55	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/08/21 01:55	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/08/21 01:55	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/08/21 01:55	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/08/21 01:55	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/08/21 01:55	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 01:55	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 01:55	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/08/21 01:55	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/08/21 01:55	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/08/21 01:55	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/08/21 01:55	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 01:55	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 01:55	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 01:55	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/08/21 01:55	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/08/21 01:55	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/08/21 01:55	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/08/21 01:55	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 01:55	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 01:55	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 01:55	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/08/21 01:55	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 01:55	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

Sample: MW-77		Lab ID: 92531585004		Collected: 04/06/21 12:35		Received: 04/06/21 17:15		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		04/08/21 01:55	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 01:55	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 01:55	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/08/21 01:55	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/08/21 01:55	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/08/21 01:55	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/08/21 01:55	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/08/21 01:55	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/08/21 01:55	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/08/21 01:55	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/08/21 01:55	103-65-1		
Styrene	ND	ug/L	0.50	1		04/08/21 01:55	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 01:55	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 01:55	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/08/21 01:55	127-18-4		
Toluene	ND	ug/L	0.50	1		04/08/21 01:55	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 01:55	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 01:55	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/08/21 01:55	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/08/21 01:55	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/08/21 01:55	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/08/21 01:55	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/08/21 01:55	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 01:55	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 01:55	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/08/21 01:55	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/08/21 01:55	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/08/21 01:55	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		04/08/21 01:55	17060-07-0		
4-Bromofluorobenzene (S)	95	%	70-130	1		04/08/21 01:55	460-00-4		
Toluene-d8 (S)	103	%	70-130	1		04/08/21 01:55	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

Sample: MW-78		Lab ID: 92531585005		Collected: 04/06/21 14:35		Received: 04/06/21 17:15		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		04/08/21 01:17		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/08/21 01:17		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/08/21 01:17		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/08/21 01:17		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	95	%	70-130	1		04/08/21 01:17	460-00-4		
4-Bromofluorobenzene (PID) (S)	92	%	70-130	1		04/08/21 01:17	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/08/21 02:05	04/08/21 16:19	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/08/21 02:14	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/08/21 02:14	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/08/21 02:14	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/08/21 02:14	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/08/21 02:14	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/08/21 02:14	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/08/21 02:14	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/08/21 02:14	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/08/21 02:14	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/08/21 02:14	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/08/21 02:14	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/08/21 02:14	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/08/21 02:14	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/08/21 02:14	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 02:14	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 02:14	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/08/21 02:14	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/08/21 02:14	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/08/21 02:14	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/08/21 02:14	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 02:14	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 02:14	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 02:14	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/08/21 02:14	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/08/21 02:14	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/08/21 02:14	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/08/21 02:14	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 02:14	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 02:14	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 02:14	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/08/21 02:14	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 02:14	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

Sample: MW-78		Lab ID: 92531585005		Collected: 04/06/21 14:35		Received: 04/06/21 17:15		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		04/08/21 02:14	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 02:14	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 02:14	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/08/21 02:14	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/08/21 02:14	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/08/21 02:14	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/08/21 02:14	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/08/21 02:14	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/08/21 02:14	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/08/21 02:14	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/08/21 02:14	103-65-1		
Styrene	ND	ug/L	0.50	1		04/08/21 02:14	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 02:14	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 02:14	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/08/21 02:14	127-18-4		
Toluene	ND	ug/L	0.50	1		04/08/21 02:14	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 02:14	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 02:14	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/08/21 02:14	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/08/21 02:14	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/08/21 02:14	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/08/21 02:14	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/08/21 02:14	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 02:14	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 02:14	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/08/21 02:14	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/08/21 02:14	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/08/21 02:14	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		04/08/21 02:14	17060-07-0		
4-Bromofluorobenzene (S)	94	%	70-130	1		04/08/21 02:14	460-00-4		
Toluene-d8 (S)	102	%	70-130	1		04/08/21 02:14	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

Sample: MW-79		Lab ID: 92531585006		Collected: 04/06/21 11:00		Received: 04/06/21 17:15		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		04/08/21 03:11		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/08/21 03:11		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/08/21 03:11		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/08/21 03:11		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	92	%	70-130	1		04/08/21 03:11	460-00-4		
4-Bromofluorobenzene (PID) (S)	89	%	70-130	1		04/08/21 03:11	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/08/21 02:05	04/08/21 16:22	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/08/21 02:32	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/08/21 02:32	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/08/21 02:32	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/08/21 02:32	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/08/21 02:32	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/08/21 02:32	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/08/21 02:32	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/08/21 02:32	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/08/21 02:32	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/08/21 02:32	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/08/21 02:32	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/08/21 02:32	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/08/21 02:32	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/08/21 02:32	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 02:32	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 02:32	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/08/21 02:32	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/08/21 02:32	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/08/21 02:32	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/08/21 02:32	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 02:32	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 02:32	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 02:32	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/08/21 02:32	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/08/21 02:32	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/08/21 02:32	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/08/21 02:32	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 02:32	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 02:32	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 02:32	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/08/21 02:32	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 02:32	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

Sample: MW-79		Lab ID: 92531585006		Collected: 04/06/21 11:00		Received: 04/06/21 17:15		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		04/08/21 02:32	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 02:32	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 02:32	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/08/21 02:32	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/08/21 02:32	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/08/21 02:32	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/08/21 02:32	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/08/21 02:32	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/08/21 02:32	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/08/21 02:32	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/08/21 02:32	103-65-1		
Styrene	ND	ug/L	0.50	1		04/08/21 02:32	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 02:32	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 02:32	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/08/21 02:32	127-18-4		
Toluene	ND	ug/L	0.50	1		04/08/21 02:32	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 02:32	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 02:32	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/08/21 02:32	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/08/21 02:32	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/08/21 02:32	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/08/21 02:32	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/08/21 02:32	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 02:32	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 02:32	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/08/21 02:32	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/08/21 02:32	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/08/21 02:32	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		04/08/21 02:32	17060-07-0		
4-Bromofluorobenzene (S)	97	%	70-130	1		04/08/21 02:32	460-00-4		
Toluene-d8 (S)	103	%	70-130	1		04/08/21 02:32	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

Sample: MW-79D		Lab ID: 92531585007		Collected: 04/06/21 12:20		Received: 04/06/21 17:15		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)	53.9	ug/L	50.0	1		04/08/21 03:39		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/08/21 03:39		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/08/21 03:39		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/08/21 03:39		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	95	%	70-130	1		04/08/21 03:39	460-00-4		
4-Bromofluorobenzene (PID) (S)	91	%	70-130	1		04/08/21 03:39	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/08/21 02:05	04/08/21 16:25	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/08/21 02:50	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/08/21 02:50	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/08/21 02:50	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/08/21 02:50	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/08/21 02:50	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/08/21 02:50	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/08/21 02:50	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/08/21 02:50	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/08/21 02:50	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/08/21 02:50	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/08/21 02:50	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/08/21 02:50	75-00-3		
Chloroform	0.61	ug/L	0.50	1		04/08/21 02:50	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/08/21 02:50	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 02:50	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 02:50	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/08/21 02:50	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/08/21 02:50	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/08/21 02:50	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/08/21 02:50	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 02:50	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 02:50	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 02:50	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/08/21 02:50	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/08/21 02:50	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/08/21 02:50	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/08/21 02:50	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 02:50	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 02:50	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 02:50	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/08/21 02:50	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 02:50	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

Sample: MW-79D		Lab ID: 92531585007	Collected: 04/06/21 12:20	Received: 04/06/21 17:15	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		04/08/21 02:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 02:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 02:50	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/08/21 02:50	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/08/21 02:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/08/21 02:50	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/08/21 02:50	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/08/21 02:50	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/08/21 02:50	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/08/21 02:50	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/08/21 02:50	103-65-1	
Styrene	ND	ug/L	0.50	1		04/08/21 02:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 02:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 02:50	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		04/08/21 02:50	127-18-4	
Toluene	12.0	ug/L	0.50	1		04/08/21 02:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 02:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 02:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/08/21 02:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/08/21 02:50	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		04/08/21 02:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/08/21 02:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/08/21 02:50	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 02:50	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 02:50	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		04/08/21 02:50	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		04/08/21 02:50	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		04/08/21 02:50	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		04/08/21 02:50	17060-07-0	
4-Bromofluorobenzene (S)	107	%	70-130	1		04/08/21 02:50	460-00-4	
Toluene-d8 (S)	103	%	70-130	1		04/08/21 02:50	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

Sample: Trip Blank		Lab ID: 92531585008	Collected: 04/06/21 00:00	Received: 04/06/21 17:15	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		04/07/21 22:55	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		04/07/21 22:55	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		04/07/21 22:55	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		04/07/21 22:55	75-27-4	
Bromoform	ND	ug/L	0.50	1		04/07/21 22:55	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/07/21 22:55	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		04/07/21 22:55	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		04/07/21 22:55	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		04/07/21 22:55	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		04/07/21 22:55	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		04/07/21 22:55	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/07/21 22:55	75-00-3	
Chloroform	ND	ug/L	0.50	1		04/07/21 22:55	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/07/21 22:55	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 22:55	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 22:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/07/21 22:55	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		04/07/21 22:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/07/21 22:55	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		04/07/21 22:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 22:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 22:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 22:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/07/21 22:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		04/07/21 22:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		04/07/21 22:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		04/07/21 22:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 22:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 22:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 22:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		04/07/21 22:55	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 22:55	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		04/07/21 22:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 22:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 22:55	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/07/21 22:55	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/07/21 22:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/07/21 22:55	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/07/21 22:55	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/07/21 22:55	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/07/21 22:55	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/07/21 22:55	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/07/21 22:55	103-65-1	
Styrene	ND	ug/L	0.50	1		04/07/21 22:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 22:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 22:55	79-34-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

Sample: Trip Blank		Lab ID: 92531585008		Collected: 04/06/21 00:00		Received: 04/06/21 17:15		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			04/07/21 22:55	127-18-4	
Toluene	ND	ug/L	0.50	1			04/07/21 22:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1			04/07/21 22:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1			04/07/21 22:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1			04/07/21 22:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1			04/07/21 22:55	79-00-5	
Trichloroethene	ND	ug/L	0.50	1			04/07/21 22:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1			04/07/21 22:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1			04/07/21 22:55	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1			04/07/21 22:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1			04/07/21 22:55	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1			04/07/21 22:55	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1			04/07/21 22:55	179601-23-1	
o-Xylene	ND	ug/L	0.50	1			04/07/21 22:55	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130	1			04/07/21 22:55	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130	1			04/07/21 22:55	460-00-4	
Toluene-d8 (S)	103	%	70-130	1			04/07/21 22:55	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

Sample: DUP-1-20210406		Lab ID: 92531585009		Collected: 04/06/21 00:00		Received: 04/06/21 17:15		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		04/08/21 04:08		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/08/21 04:08		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/08/21 04:08		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/08/21 04:08		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	93	%	70-130	1		04/08/21 04:08	460-00-4		
4-Bromofluorobenzene (PID) (S)	89	%	70-130	1		04/08/21 04:08	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/08/21 02:05	04/08/21 16:41	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/08/21 03:08	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/08/21 03:08	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/08/21 03:08	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/08/21 03:08	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/08/21 03:08	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/08/21 03:08	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/08/21 03:08	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/08/21 03:08	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/08/21 03:08	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/08/21 03:08	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/08/21 03:08	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/08/21 03:08	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/08/21 03:08	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/08/21 03:08	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 03:08	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 03:08	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/08/21 03:08	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/08/21 03:08	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/08/21 03:08	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/08/21 03:08	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 03:08	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 03:08	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 03:08	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/08/21 03:08	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/08/21 03:08	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/08/21 03:08	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/08/21 03:08	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 03:08	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 03:08	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 03:08	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/08/21 03:08	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 03:08	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

Sample: DUP-1-20210406		Lab ID: 92531585009		Collected: 04/06/21 00:00		Received: 04/06/21 17:15		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		04/08/21 03:08	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 03:08	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 03:08	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/08/21 03:08	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/08/21 03:08	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/08/21 03:08	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/08/21 03:08	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/08/21 03:08	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/08/21 03:08	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/08/21 03:08	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/08/21 03:08	103-65-1		
Styrene	ND	ug/L	0.50	1		04/08/21 03:08	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 03:08	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 03:08	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/08/21 03:08	127-18-4		
Toluene	ND	ug/L	0.50	1		04/08/21 03:08	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 03:08	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 03:08	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/08/21 03:08	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/08/21 03:08	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/08/21 03:08	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/08/21 03:08	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/08/21 03:08	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 03:08	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 03:08	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/08/21 03:08	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/08/21 03:08	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/08/21 03:08	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		04/08/21 03:08	17060-07-0		
4-Bromofluorobenzene (S)	94	%	70-130	1		04/08/21 03:08	460-00-4		
Toluene-d8 (S)	103	%	70-130	1		04/08/21 03:08	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

QC Batch:	612029	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples: 92531585001, 92531585002, 92531585003, 92531585004, 92531585005			

METHOD BLANK: 3221527

Matrix: Water

Associated Lab Samples: 92531585001, 92531585002, 92531585003, 92531585004, 92531585005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/07/21 15:17	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/07/21 15:17	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/07/21 15:17	N2
4-Bromofluorobenzene (FID) (S)	%	100	70-130	04/07/21 15:17	
4-Bromofluorobenzene (PID) (S)	%	95	70-130	04/07/21 15:17	

LABORATORY CONTROL SAMPLE & LCSD: 3221528

3221529

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	283	284	94	95	70-130	0	25	N2
Aliphatic (C09-C12)	ug/L	300	327	344	109	115	70-130	5	25	N2
Aromatic (C09-C10)	ug/L	100	92.9	96.8	93	97	70-130	4	25	N2
4-Bromofluorobenzene (FID) (S)	%				91	96	70-130			
4-Bromofluorobenzene (PID) (S)	%				86	91	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

QC Batch:	612032	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92531585006, 92531585007, 92531585009

METHOD BLANK: 3221538 Matrix: Water

Associated Lab Samples: 92531585006, 92531585007, 92531585009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/07/21 15:46	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/07/21 15:46	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/07/21 15:46	N2
4-Bromofluorobenzene (FID) (S)	%	94	70-130	04/07/21 15:46	
4-Bromofluorobenzene (PID) (S)	%	89	70-130	04/07/21 15:46	

LABORATORY CONTROL SAMPLE & LCSD: 3221539

LABORATORY CONTROL SAMPLE & LCSD: 3221539			3221540							
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	257	92	86	70-130	7	25	N2
Aliphatic (C09-C12)	ug/L	300	341	325	114	108	70-130	5	25	N2
Aromatic (C09-C10)	ug/L	100	98.2	95.2	98	95	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				101	93	70-130			
4-Bromofluorobenzene (PID) (S)	%				94	88	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

QC Batch: 612230

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92531585001, 92531585002, 92531585003, 92531585004, 92531585005, 92531585006, 92531585007

METHOD BLANK: 3222782

Matrix: Water

Associated Lab Samples: 92531585001, 92531585002, 92531585003, 92531585004, 92531585005, 92531585006, 92531585007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/08/21 14:51	

LABORATORY CONTROL SAMPLE: 3222783

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	475	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3222784 3222785

Parameter	Units	92531580001 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	469	466	94	93	75-125	1	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

QC Batch: 612231

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92531585009

METHOD BLANK: 3222786

Matrix: Water

Associated Lab Samples: 92531585009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/08/21 16:34	

LABORATORY CONTROL SAMPLE: 3222787

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	470	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3222788 3222789

Parameter	Units	92531585009 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	467	463	93	93	75-125	1	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

QC Batch:	612017	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92531585001, 92531585002, 92531585003, 92531585004, 92531585005, 92531585006, 92531585007, 92531585008, 92531585009		

METHOD BLANK: 3221451

Matrix: Water

Associated Lab Samples: 92531585001, 92531585002, 92531585003, 92531585004, 92531585005, 92531585006, 92531585007, 92531585008, 92531585009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/07/21 22:01	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/07/21 22:01	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/07/21 22:01	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/07/21 22:01	
1,1-Dichloroethane	ug/L	ND	0.50	04/07/21 22:01	
1,1-Dichloroethene	ug/L	ND	0.50	04/07/21 22:01	
1,1-Dichloropropene	ug/L	ND	0.50	04/07/21 22:01	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/07/21 22:01	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/07/21 22:01	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/07/21 22:01	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/07/21 22:01	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/07/21 22:01	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/07/21 22:01	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/07/21 22:01	
1,2-Dichloroethane	ug/L	ND	0.50	04/07/21 22:01	
1,2-Dichloropropane	ug/L	ND	0.50	04/07/21 22:01	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/07/21 22:01	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/07/21 22:01	
1,3-Dichloropropane	ug/L	ND	0.50	04/07/21 22:01	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/07/21 22:01	
2,2-Dichloropropane	ug/L	ND	0.50	04/07/21 22:01	
2-Chlorotoluene	ug/L	ND	0.50	04/07/21 22:01	
4-Chlorotoluene	ug/L	ND	0.50	04/07/21 22:01	
Benzene	ug/L	ND	0.50	04/07/21 22:01	
Bromobenzene	ug/L	ND	0.50	04/07/21 22:01	
Bromochloromethane	ug/L	ND	0.50	04/07/21 22:01	
Bromodichloromethane	ug/L	ND	0.50	04/07/21 22:01	
Bromoform	ug/L	ND	0.50	04/07/21 22:01	
Bromomethane	ug/L	ND	5.0	04/07/21 22:01	
Carbon tetrachloride	ug/L	ND	0.50	04/07/21 22:01	
Chlorobenzene	ug/L	ND	0.50	04/07/21 22:01	
Chloroethane	ug/L	ND	1.0	04/07/21 22:01	
Chloroform	ug/L	ND	0.50	04/07/21 22:01	
Chloromethane	ug/L	ND	1.0	04/07/21 22:01	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/07/21 22:01	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/07/21 22:01	
Dibromochloromethane	ug/L	ND	0.50	04/07/21 22:01	
Dibromomethane	ug/L	ND	0.50	04/07/21 22:01	
Dichlorodifluoromethane	ug/L	ND	0.50	04/07/21 22:01	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

METHOD BLANK: 3221451

Matrix: Water

Associated Lab Samples: 92531585001, 92531585002, 92531585003, 92531585004, 92531585005, 92531585006, 92531585007, 92531585008, 92531585009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	0.50	04/07/21 22:01	
Ethylbenzene	ug/L	ND	0.50	04/07/21 22:01	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/07/21 22:01	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/07/21 22:01	
m&p-Xylene	ug/L	ND	1.0	04/07/21 22:01	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/07/21 22:01	
Methylene Chloride	ug/L	ND	2.0	04/07/21 22:01	
n-Butylbenzene	ug/L	ND	0.50	04/07/21 22:01	
n-Propylbenzene	ug/L	ND	0.50	04/07/21 22:01	
Naphthalene	ug/L	ND	2.0	04/07/21 22:01	
o-Xylene	ug/L	ND	0.50	04/07/21 22:01	
sec-Butylbenzene	ug/L	ND	0.50	04/07/21 22:01	
Styrene	ug/L	ND	0.50	04/07/21 22:01	
tert-Butylbenzene	ug/L	ND	0.50	04/07/21 22:01	
Tetrachloroethene	ug/L	ND	0.50	04/07/21 22:01	
Toluene	ug/L	ND	0.50	04/07/21 22:01	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/07/21 22:01	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/07/21 22:01	
Trichloroethene	ug/L	ND	0.50	04/07/21 22:01	
Trichlorofluoromethane	ug/L	ND	1.0	04/07/21 22:01	
Vinyl chloride	ug/L	ND	1.0	04/07/21 22:01	
1,2-Dichloroethane-d4 (S)	%	99	70-130	04/07/21 22:01	
4-Bromofluorobenzene (S)	%	97	70-130	04/07/21 22:01	
Toluene-d8 (S)	%	102	70-130	04/07/21 22:01	

LABORATORY CONTROL SAMPLE: 3221452

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.1	104	60-140	
1,1,1-Trichloroethane	ug/L	50	49.9	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	50.2	100	60-140	
1,1,2-Trichloroethane	ug/L	50	53.2	106	60-140	
1,1-Dichloroethane	ug/L	50	51.1	102	60-140	
1,1-Dichloroethene	ug/L	50	51.5	103	60-140	
1,1-Dichloropropene	ug/L	50	50.5	101	60-140	
1,2,3-Trichlorobenzene	ug/L	50	51.6	103	60-140	
1,2,3-Trichloropropane	ug/L	50	48.0	96	60-140	
1,2,4-Trichlorobenzene	ug/L	50	51.5	103	60-140	
1,2,4-Trimethylbenzene	ug/L	50	51.7	103	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	53.8	108	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	51.8	104	60-140	
1,2-Dichlorobenzene	ug/L	50	50.5	101	60-140	
1,2-Dichloroethane	ug/L	50	45.1	90	60-140	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

LABORATORY CONTROL SAMPLE: 3221452

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloropropane	ug/L	50	50.7	101	60-140	
1,3,5-Trimethylbenzene	ug/L	50	52.1	104	60-140	
1,3-Dichlorobenzene	ug/L	50	51.8	104	60-140	
1,3-Dichloropropane	ug/L	50	51.6	103	60-140	
1,4-Dichlorobenzene	ug/L	50	52.1	104	60-140	
2,2-Dichloropropane	ug/L	50	51.9	104	60-140	
2-Chlorotoluene	ug/L	50	51.4	103	60-140	
4-Chlorotoluene	ug/L	50	50.2	100	60-140	
Benzene	ug/L	50	49.0	98	60-140	
Bromobenzene	ug/L	50	51.2	102	60-140	
Bromochloromethane	ug/L	50	50.7	101	60-140	
Bromodichloromethane	ug/L	50	51.3	103	60-140	
Bromoform	ug/L	50	52.6	105	60-140	
Bromomethane	ug/L	50	50.7	101	60-140	
Carbon tetrachloride	ug/L	50	49.7	99	60-140	
Chlorobenzene	ug/L	50	51.1	102	60-140	
Chloroethane	ug/L	50	42.4	85	60-140	
Chloroform	ug/L	50	44.4	89	60-140	
Chloromethane	ug/L	50	46.9	94	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.8	102	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.1	104	60-140	
Dibromochloromethane	ug/L	50	55.7	111	60-140	
Dibromomethane	ug/L	50	50.1	100	60-140	
Dichlorodifluoromethane	ug/L	50	42.1	84	60-140	
Diisopropyl ether	ug/L	50	46.5	93	60-140	
Ethylbenzene	ug/L	50	50.0	100	60-140	
Hexachloro-1,3-butadiene	ug/L	50	49.7	99	60-140	
Isopropylbenzene (Cumene)	ug/L	50	51.9	104	60-140	
m&p-Xylene	ug/L	100	102	102	60-140	
Methyl-tert-butyl ether	ug/L	50	46.6	93	60-140	
Methylene Chloride	ug/L	50	49.1	98	60-140	
n-Butylbenzene	ug/L	50	51.3	103	60-140	
n-Propylbenzene	ug/L	50	50.6	101	60-140	
Naphthalene	ug/L	50	50.5	101	60-140	
o-Xylene	ug/L	50	49.0	98	60-140	
sec-Butylbenzene	ug/L	50	50.8	102	60-140	
Styrene	ug/L	50	52.2	104	60-140	
tert-Butylbenzene	ug/L	50	43.5	87	60-140	
Tetrachloroethene	ug/L	50	51.6	103	60-140	
Toluene	ug/L	50	48.6	97	60-140	
trans-1,2-Dichloroethene	ug/L	50	51.5	103	60-140	
trans-1,3-Dichloropropene	ug/L	50	54.9	110	60-140	
Trichloroethene	ug/L	50	48.6	97	60-140	
Trichlorofluoromethane	ug/L	50	41.4	83	60-140	
Vinyl chloride	ug/L	50	47.7	95	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

LABORATORY CONTROL SAMPLE: 3221452

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221453 3221454

Parameter	Units	92531581002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	22.6	18.9	113	94	60-140	18	
1,1,1-Trichloroethane	ug/L	ND	20	20	23.7	19.7	118	98	60-140	19	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	21.7	17.6	109	88	60-140	21	
1,1,2-Trichloroethane	ug/L	ND	20	20	22.0	17.7	110	88	60-140	22	
1,1-Dichloroethane	ug/L	ND	20	20	23.6	19.5	118	97	60-140	19	
1,1-Dichloroethene	ug/L	ND	20	20	25.5	21.8	128	109	60-140	16	
1,1-Dichloropropene	ug/L	ND	20	20	23.6	19.7	118	98	60-140	18	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	24.2	19.1	121	96	60-140	24	
1,2,3-Trichloropropane	ug/L	ND	20	20	21.1	17.1	105	86	60-140	21	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	23.7	18.7	118	94	60-140	23	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	22.8	19.2	114	96	60-140	17	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	22.9	17.9	114	89	60-140	25	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.1	18.4	111	92	60-140	19	
1,2-Dichlorobenzene	ug/L	ND	20	20	21.4	18.2	107	91	60-140	16	
1,2-Dichloroethane	ug/L	ND	20	20	20.2	16.8	101	84	60-140	18	
1,2-Dichloropropane	ug/L	ND	20	20	22.8	18.7	114	94	60-140	19	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	23.3	19.8	116	99	60-140	16	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.9	18.6	110	93	60-140	16	
1,3-Dichloropropane	ug/L	ND	20	20	22.5	18.1	112	90	60-140	22	
1,4-Dichlorobenzene	ug/L	ND	20	20	22.6	18.5	113	93	60-140	20	
2,2-Dichloropropane	ug/L	ND	20	20	24.7	20.4	124	102	60-140	19	
2-Chlorotoluene	ug/L	ND	20	20	22.9	19.6	114	98	60-140	16	
4-Chlorotoluene	ug/L	ND	20	20	22.0	18.8	110	94	60-140	16	
Benzene	ug/L	ND	20	20	22.6	18.4	113	92	60-140	20	
Bromobenzene	ug/L	ND	20	20	22.4	19.3	112	97	60-140	15	
Bromochloromethane	ug/L	ND	20	20	22.9	19.0	114	95	60-140	19	
Bromodichloromethane	ug/L	ND	20	20	22.4	18.2	112	91	60-140	21	
Bromoform	ug/L	ND	20	20	21.8	18.0	109	90	60-140	19	
Bromomethane	ug/L	ND	20	20	26.9	23.5	134	117	60-140	14	
Carbon tetrachloride	ug/L	ND	20	20	23.9	18.8	120	94	60-140	24	
Chlorobenzene	ug/L	ND	20	20	22.4	18.8	112	94	60-140	17	
Chloroethane	ug/L	ND	20	20	25.7	22.1	128	110	60-140	15	
Chloroform	ug/L	ND	20	20	20.7	16.6	104	83	60-140	22	
Chloromethane	ug/L	ND	20	20	23.5	19.0	118	95	60-140	21	
cis-1,2-Dichloroethene	ug/L	ND	20	20	23.3	19.3	117	97	60-140	19	
cis-1,3-Dichloropropene	ug/L	ND	20	20	22.7	18.3	114	92	60-140	21	
Dibromochloromethane	ug/L	ND	20	20	23.2	18.4	116	92	60-140	23	
Dibromomethane	ug/L	ND	20	20	21.8	17.6	109	88	60-140	21	
Dichlorodifluoromethane	ug/L	ND	20	20	21.5	17.6	107	88	60-140	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221453 3221454											
Parameter	Units	92531581002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Diisopropyl ether	ug/L	ND	20	20	21.0	17.1	105	85	60-140	21	
Ethylbenzene	ug/L	ND	20	20	22.5	18.6	112	93	60-140	19	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	26.4	21.1	132	105	60-140	22	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	23.7	19.8	118	99	60-140	18	
m&p-Xylene	ug/L	ND	40	40	45.6	37.7	114	94	60-140	19	
Methyl-tert-butyl ether	ug/L	ND	20	20	20.2	17.2	101	86	60-140	16	
Methylene Chloride	ug/L	ND	20	20	21.7	17.9	109	89	60-140	19	
n-Butylbenzene	ug/L	ND	20	20	23.9	20.0	120	100	60-140	18	
n-Propylbenzene	ug/L	ND	20	20	23.2	19.8	116	99	60-140	16	
Naphthalene	ug/L	ND	20	20	22.3	17.6	111	88	60-140	24	
o-Xylene	ug/L	ND	20	20	22.0	18.6	110	93	60-140	17	
sec-Butylbenzene	ug/L	ND	20	20	23.7	20.0	119	100	60-140	17	
Styrene	ug/L	ND	20	20	22.3	18.6	112	93	60-140	18	
tert-Butylbenzene	ug/L	ND	20	20	20.2	17.2	101	86	60-140	16	
Tetrachloroethene	ug/L	ND	20	20	23.3	18.2	117	91	60-140	25	
Toluene	ug/L	ND	20	20	22.1	18.2	111	91	60-140	19	
trans-1,2-Dichloroethene	ug/L	ND	20	20	24.4	19.9	122	100	60-140	20	
trans-1,3-Dichloropropene	ug/L	ND	20	20	22.7	18.4	114	92	60-140	21	
Trichloroethene	ug/L	ND	20	20	22.7	18.5	114	92	60-140	21	
Trichlorofluoromethane	ug/L	ND	20	20	23.8	19.9	119	99	60-140	18	
Vinyl chloride	ug/L	ND	20	20	23.7	18.9	119	94	60-140	23	
1,2-Dichloroethane-d4 (S)	%						100	99	70-130		
4-Bromofluorobenzene (S)	%						100	98	70-130		
Toluene-d8 (S)	%						98	97	70-130		

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville (4/6/21)

Pace Project No.: 92531585

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531585001	MW-21	MADEP VPH	612029		
92531585002	MW-23	MADEP VPH	612029		
92531585003	MW-31	MADEP VPH	612029		
92531585004	MW-77	MADEP VPH	612029		
92531585005	MW-78	MADEP VPH	612029		
92531585006	MW-79	MADEP VPH	612032		
92531585007	MW-79D	MADEP VPH	612032		
92531585009	DUP-1-20210406	MADEP VPH	612032		
92531585001	MW-21	EPA 3010A	612230	EPA 6010D	612257
92531585002	MW-23	EPA 3010A	612230	EPA 6010D	612257
92531585003	MW-31	EPA 3010A	612230	EPA 6010D	612257
92531585004	MW-77	EPA 3010A	612230	EPA 6010D	612257
92531585005	MW-78	EPA 3010A	612230	EPA 6010D	612257
92531585006	MW-79	EPA 3010A	612230	EPA 6010D	612257
92531585007	MW-79D	EPA 3010A	612230	EPA 6010D	612257
92531585009	DUP-1-20210406	EPA 3010A	612231	EPA 6010D	612256
92531585001	MW-21	SM 6200B	612017		
92531585002	MW-23	SM 6200B	612017		
92531585003	MW-31	SM 6200B	612017		
92531585004	MW-77	SM 6200B	612017		
92531585005	MW-78	SM 6200B	612017		
92531585006	MW-79	SM 6200B	612017		
92531585007	MW-79D	SM 6200B	612017		
92531585008	Trip Blank	SM 6200B	612017		
92531585009	DUP-1-20210406	SM 6200B	612017		

REPORT OF LABORATORY ANALYSIS

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Laboratory receiving samples:

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

Sample Condition
Upon Receipt

Client Name:

AECOM

Project # **W0# : 92531585**



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

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

Date/Initials Person Examining Contents: MS 4-7-21

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

Thermometer: ☒ IR Gun ID: 92T064 Type of Ice: ☒ Wet ☐ Blue ☐ None

Biological Tissue Frozen?
☐ Yes ☐ No ☒ N/A

Cooler Temp: 1.0 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): 1.0

USDA Regulated Soil (☒ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?
☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

			Comments/Discrepancy:
Chain of Custody Present?	☒ Yes ☐ No ☐ N/A	1.	
Samples Arrived within Hold Time?	☒ Yes ☐ No ☐ N/A	2.	
Short Hold Time Analysis (<72 hr.)?	☐ Yes ☒ No ☐ N/A	3.	
Rush Turn Around Time Requested?	☒ Yes ☐ No ☐ N/A	4.	
Sufficient Volume?	☒ Yes ☐ No ☐ N/A	5.	
Correct Containers Used?	☒ Yes ☐ No ☐ N/A	6.	
-Pace Containers Used?	☒ Yes ☐ No ☐ N/A		
Containers Intact?	☒ Yes ☐ No ☐ N/A	7.	
Dissolved analysis: Samples Field Filtered?	☐ Yes ☒ No ☐ N/A	8.	
Sample Labels Match COC?	☒ Yes ☐ No ☐ N/A	9.	
-Includes Date/Time/ID/Analysis Matrix: <u>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

W0# : 92531585

PM: NMG

Due Date: 04/09/21

CLIENT: 92-AECOM CHA

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

pH Adjustment Log for Preserved Samples

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

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

CHAIN-OF-CUSTODY / Analytical Request Document

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:	
Phone:	(704)522-0330	Project Name:	CPC Huntersville	Pace Project Manager:	nicole.gasiorowski@pacelabs.com,
Requested Due Date:	3 JAN 2011	Project #:		Pace Profile #:	12518
					NC
				Regulatory Agency	
				State / Location	
				NC	

[illegible]

April 09, 2021

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

RE: Project: CPC Huntersville (4/7/21)
Pace Project No.: 92531853

Dear Andrew Wreschnig:

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

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

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CERTIFICATIONS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92531853

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92531853

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531853001	MW-16	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531853002	MW-17	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531853003	MW-28	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531853004	MW-83	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531853005	MW-84	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531853006	DUP-1-20210407	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531853007	FB-1-20210407	MADEP VPH	LMB	6	PASI-C
		SM 6200B	SAS	63	PASI-C
92531853008	Trip Blank	SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92531853

Sample: MW-16		Lab ID: 92531853001		Collected: 04/07/21 09:45		Received: 04/07/21 16:30		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		04/08/21 15:15		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/08/21 15:15		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/08/21 15:15		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/08/21 15:15		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130	1		04/08/21 15:15	460-00-4		
4-Bromofluorobenzene (PID) (S)	92	%	70-130	1		04/08/21 15:15	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/08/21 02:05	04/08/21 18:04	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/08/21 14:31	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/08/21 14:31	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/08/21 14:31	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/08/21 14:31	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/08/21 14:31	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/08/21 14:31	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/08/21 14:31	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/08/21 14:31	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/08/21 14:31	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/08/21 14:31	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/08/21 14:31	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/08/21 14:31	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/08/21 14:31	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/08/21 14:31	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 14:31	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 14:31	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/08/21 14:31	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/08/21 14:31	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/08/21 14:31	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/08/21 14:31	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 14:31	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 14:31	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 14:31	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/08/21 14:31	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/08/21 14:31	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/08/21 14:31	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/08/21 14:31	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 14:31	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 14:31	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 14:31	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/08/21 14:31	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 14:31	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92531853

Sample: MW-16		Lab ID: 92531853001		Collected: 04/07/21 09:45		Received: 04/07/21 16:30		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		04/08/21 14:31	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 14:31	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 14:31	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/08/21 14:31	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/08/21 14:31	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/08/21 14:31	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/08/21 14:31	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/08/21 14:31	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/08/21 14:31	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/08/21 14:31	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/08/21 14:31	103-65-1		
Styrene	ND	ug/L	0.50	1		04/08/21 14:31	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 14:31	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 14:31	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/08/21 14:31	127-18-4		
Toluene	ND	ug/L	0.50	1		04/08/21 14:31	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 14:31	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 14:31	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/08/21 14:31	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/08/21 14:31	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/08/21 14:31	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/08/21 14:31	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/08/21 14:31	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 14:31	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 14:31	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/08/21 14:31	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/08/21 14:31	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/08/21 14:31	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		04/08/21 14:31	17060-07-0		
4-Bromofluorobenzene (S)	95	%	70-130	1		04/08/21 14:31	460-00-4		
Toluene-d8 (S)	102	%	70-130	1		04/08/21 14:31	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92531853

Sample: MW-17		Lab ID: 92531853002		Collected: 04/07/21 11:30		Received: 04/07/21 16:30		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		04/08/21 15:43		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/08/21 15:43		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/08/21 15:43		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/08/21 15:43		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130	1		04/08/21 15:43	460-00-4		
4-Bromofluorobenzene (PID) (S)	96	%	70-130	1		04/08/21 15:43	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/08/21 02:05	04/08/21 18:07	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/08/21 14:49	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/08/21 14:49	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/08/21 14:49	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/08/21 14:49	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/08/21 14:49	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/08/21 14:49	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/08/21 14:49	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/08/21 14:49	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/08/21 14:49	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/08/21 14:49	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/08/21 14:49	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/08/21 14:49	75-00-3		
Chloroform	2.7	ug/L	0.50	1		04/08/21 14:49	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/08/21 14:49	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 14:49	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 14:49	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/08/21 14:49	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/08/21 14:49	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/08/21 14:49	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/08/21 14:49	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 14:49	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 14:49	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 14:49	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/08/21 14:49	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/08/21 14:49	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/08/21 14:49	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/08/21 14:49	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 14:49	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 14:49	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 14:49	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/08/21 14:49	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 14:49	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92531853

Sample: MW-17		Lab ID: 92531853002		Collected: 04/07/21 11:30		Received: 04/07/21 16:30		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		04/08/21 14:49	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 14:49	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 14:49	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/08/21 14:49	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/08/21 14:49	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/08/21 14:49	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/08/21 14:49	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/08/21 14:49	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/08/21 14:49	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/08/21 14:49	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/08/21 14:49	103-65-1		
Styrene	ND	ug/L	0.50	1		04/08/21 14:49	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 14:49	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 14:49	79-34-5		
Tetrachloroethene	0.53	ug/L	0.50	1		04/08/21 14:49	127-18-4		
Toluene	ND	ug/L	0.50	1		04/08/21 14:49	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 14:49	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 14:49	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/08/21 14:49	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/08/21 14:49	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/08/21 14:49	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/08/21 14:49	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/08/21 14:49	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 14:49	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 14:49	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/08/21 14:49	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/08/21 14:49	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/08/21 14:49	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		04/08/21 14:49	17060-07-0		
4-Bromofluorobenzene (S)	99	%	70-130	1		04/08/21 14:49	460-00-4		
Toluene-d8 (S)	101	%	70-130	1		04/08/21 14:49	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92531853

Sample: MW-28		Lab ID: 92531853003		Collected: 04/07/21 11:15		Received: 04/07/21 16:30		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		04/08/21 16:11		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/08/21 16:11		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/08/21 16:11		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/08/21 16:11		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130	1		04/08/21 16:11	460-00-4		
4-Bromofluorobenzene (PID) (S)	91	%	70-130	1		04/08/21 16:11	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/08/21 02:05	04/08/21 18:10	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/08/21 15:07	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/08/21 15:07	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/08/21 15:07	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/08/21 15:07	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/08/21 15:07	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/08/21 15:07	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/08/21 15:07	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/08/21 15:07	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/08/21 15:07	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/08/21 15:07	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/08/21 15:07	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/08/21 15:07	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/08/21 15:07	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/08/21 15:07	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 15:07	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 15:07	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/08/21 15:07	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/08/21 15:07	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/08/21 15:07	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/08/21 15:07	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 15:07	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 15:07	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 15:07	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/08/21 15:07	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/08/21 15:07	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/08/21 15:07	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/08/21 15:07	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 15:07	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 15:07	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 15:07	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/08/21 15:07	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 15:07	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92531853

Sample: MW-28		Lab ID: 92531853003		Collected: 04/07/21 11:15		Received: 04/07/21 16:30		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		04/08/21 15:07	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 15:07	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 15:07	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/08/21 15:07	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/08/21 15:07	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/08/21 15:07	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/08/21 15:07	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/08/21 15:07	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/08/21 15:07	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/08/21 15:07	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/08/21 15:07	103-65-1		
Styrene	ND	ug/L	0.50	1		04/08/21 15:07	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 15:07	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 15:07	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/08/21 15:07	127-18-4		
Toluene	ND	ug/L	0.50	1		04/08/21 15:07	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 15:07	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 15:07	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/08/21 15:07	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/08/21 15:07	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/08/21 15:07	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/08/21 15:07	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/08/21 15:07	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 15:07	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 15:07	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/08/21 15:07	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/08/21 15:07	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/08/21 15:07	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		04/08/21 15:07	17060-07-0		
4-Bromofluorobenzene (S)	104	%	70-130	1		04/08/21 15:07	460-00-4		
Toluene-d8 (S)	104	%	70-130	1		04/08/21 15:07	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92531853

Sample: MW-83		Lab ID: 92531853004		Collected: 04/07/21 14:30		Received: 04/07/21 16:30		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		04/08/21 16:40		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/08/21 16:40		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/08/21 16:40		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/08/21 16:40		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	90	%	70-130	1		04/08/21 16:40	460-00-4		
4-Bromofluorobenzene (PID) (S)	85	%	70-130	1		04/08/21 16:40	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	35.9	ug/L	5.0	1	04/08/21 02:05	04/08/21 18:13	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/08/21 15:25	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/08/21 15:25	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/08/21 15:25	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/08/21 15:25	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/08/21 15:25	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/08/21 15:25	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/08/21 15:25	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/08/21 15:25	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/08/21 15:25	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/08/21 15:25	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/08/21 15:25	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/08/21 15:25	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/08/21 15:25	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/08/21 15:25	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 15:25	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 15:25	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/08/21 15:25	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/08/21 15:25	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/08/21 15:25	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/08/21 15:25	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 15:25	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 15:25	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 15:25	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/08/21 15:25	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/08/21 15:25	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/08/21 15:25	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/08/21 15:25	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 15:25	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 15:25	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 15:25	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/08/21 15:25	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 15:25	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92531853

Sample: MW-83		Lab ID: 92531853004		Collected: 04/07/21 14:30		Received: 04/07/21 16:30		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		04/08/21 15:25	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 15:25	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 15:25	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/08/21 15:25	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/08/21 15:25	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/08/21 15:25	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/08/21 15:25	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/08/21 15:25	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/08/21 15:25	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/08/21 15:25	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/08/21 15:25	103-65-1		
Styrene	ND	ug/L	0.50	1		04/08/21 15:25	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 15:25	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 15:25	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/08/21 15:25	127-18-4		
Toluene	ND	ug/L	0.50	1		04/08/21 15:25	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 15:25	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 15:25	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/08/21 15:25	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/08/21 15:25	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/08/21 15:25	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/08/21 15:25	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/08/21 15:25	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 15:25	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 15:25	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/08/21 15:25	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/08/21 15:25	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/08/21 15:25	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		04/08/21 15:25	17060-07-0		
4-Bromofluorobenzene (S)	95	%	70-130	1		04/08/21 15:25	460-00-4		
Toluene-d8 (S)	103	%	70-130	1		04/08/21 15:25	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92531853

Sample: MW-84		Lab ID: 92531853005		Collected: 04/07/21 09:20		Received: 04/07/21 16:30		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		04/08/21 17:08		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/08/21 17:08		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/08/21 17:08		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/08/21 17:08		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	94	%	70-130	1		04/08/21 17:08	460-00-4		
4-Bromofluorobenzene (PID) (S)	89	%	70-130	1		04/08/21 17:08	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/08/21 02:05	04/08/21 18:17	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/08/21 15:43	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/08/21 15:43	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/08/21 15:43	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/08/21 15:43	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/08/21 15:43	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/08/21 15:43	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/08/21 15:43	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/08/21 15:43	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/08/21 15:43	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/08/21 15:43	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/08/21 15:43	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/08/21 15:43	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/08/21 15:43	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/08/21 15:43	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 15:43	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 15:43	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/08/21 15:43	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/08/21 15:43	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/08/21 15:43	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/08/21 15:43	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 15:43	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 15:43	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 15:43	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/08/21 15:43	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/08/21 15:43	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/08/21 15:43	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/08/21 15:43	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 15:43	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 15:43	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 15:43	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/08/21 15:43	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 15:43	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92531853

Sample: MW-84		Lab ID: 92531853005		Collected: 04/07/21 09:20		Received: 04/07/21 16:30		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		04/08/21 15:43	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 15:43	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 15:43	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/08/21 15:43	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/08/21 15:43	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/08/21 15:43	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/08/21 15:43	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/08/21 15:43	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/08/21 15:43	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/08/21 15:43	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/08/21 15:43	103-65-1		
Styrene	ND	ug/L	0.50	1		04/08/21 15:43	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 15:43	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 15:43	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/08/21 15:43	127-18-4		
Toluene	ND	ug/L	0.50	1		04/08/21 15:43	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 15:43	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 15:43	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/08/21 15:43	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/08/21 15:43	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/08/21 15:43	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/08/21 15:43	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/08/21 15:43	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 15:43	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 15:43	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/08/21 15:43	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/08/21 15:43	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/08/21 15:43	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		04/08/21 15:43	17060-07-0		
4-Bromofluorobenzene (S)	95	%	70-130	1		04/08/21 15:43	460-00-4		
Toluene-d8 (S)	103	%	70-130	1		04/08/21 15:43	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92531853

Sample: DUP-1-20210407		Lab ID: 92531853006		Collected: 04/07/21 00:00		Received: 04/07/21 16:30		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		04/08/21 17:37		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/08/21 17:37		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/08/21 17:37		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/08/21 17:37		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	95	%	70-130	1		04/08/21 17:37	460-00-4		
4-Bromofluorobenzene (PID) (S)	90	%	70-130	1		04/08/21 17:37	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	04/08/21 02:05	04/08/21 18:20	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/08/21 16:01	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/08/21 16:01	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/08/21 16:01	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/08/21 16:01	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/08/21 16:01	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/08/21 16:01	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/08/21 16:01	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/08/21 16:01	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/08/21 16:01	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/08/21 16:01	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/08/21 16:01	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/08/21 16:01	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/08/21 16:01	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/08/21 16:01	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 16:01	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 16:01	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/08/21 16:01	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/08/21 16:01	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/08/21 16:01	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/08/21 16:01	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 16:01	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 16:01	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 16:01	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/08/21 16:01	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/08/21 16:01	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/08/21 16:01	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/08/21 16:01	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 16:01	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 16:01	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 16:01	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/08/21 16:01	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 16:01	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92531853

Sample: DUP-1-20210407		Lab ID: 92531853006		Collected: 04/07/21 00:00		Received: 04/07/21 16:30		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		04/08/21 16:01	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 16:01	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 16:01	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/08/21 16:01	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/08/21 16:01	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/08/21 16:01	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/08/21 16:01	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/08/21 16:01	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/08/21 16:01	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/08/21 16:01	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/08/21 16:01	103-65-1		
Styrene	ND	ug/L	0.50	1		04/08/21 16:01	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 16:01	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 16:01	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/08/21 16:01	127-18-4		
Toluene	ND	ug/L	0.50	1		04/08/21 16:01	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 16:01	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 16:01	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/08/21 16:01	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/08/21 16:01	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/08/21 16:01	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/08/21 16:01	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/08/21 16:01	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 16:01	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 16:01	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/08/21 16:01	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/08/21 16:01	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/08/21 16:01	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		04/08/21 16:01	17060-07-0		
4-Bromofluorobenzene (S)	96	%	70-130	1		04/08/21 16:01	460-00-4		
Toluene-d8 (S)	101	%	70-130	1		04/08/21 16:01	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92531853

Sample: FB-1-20210407		Lab ID: 92531853007		Collected: 04/07/21 14:00		Received: 04/07/21 16:30		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		04/08/21 14:46	N2	
	Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/08/21 14:46	N2	
	Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/08/21 14:46	N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/08/21 14:46	N2		
Surrogates									
4-Bromofluorobenzene (FID) (S)	93	%	70-130	1		04/08/21 14:46	460-00-4		
4-Bromofluorobenzene (PID) (S)	88	%	70-130	1		04/08/21 14:46	460-00-4		
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	1		04/08/21 13:01	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/08/21 13:01	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/08/21 13:01	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/08/21 13:01	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/08/21 13:01	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/08/21 13:01	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/08/21 13:01	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/08/21 13:01	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/08/21 13:01	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/08/21 13:01	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/08/21 13:01	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/08/21 13:01	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/08/21 13:01	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/08/21 13:01	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 13:01	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 13:01	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/08/21 13:01	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/08/21 13:01	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/08/21 13:01	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/08/21 13:01	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 13:01	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 13:01	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 13:01	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/08/21 13:01	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/08/21 13:01	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/08/21 13:01	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/08/21 13:01	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 13:01	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 13:01	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 13:01	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/08/21 13:01	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 13:01	594-20-7		
1,1-Dichloropropene	ND	ug/L	0.50	1		04/08/21 13:01	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 13:01	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 13:01	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/08/21 13:01	108-20-3		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92531853

Sample: FB-1-20210407		Lab ID: 92531853007		Collected: 04/07/21 14:00		Received: 04/07/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Ethylbenzene	ND	ug/L	0.50	1		04/08/21 13:01	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/08/21 13:01	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/08/21 13:01	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/08/21 13:01	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/08/21 13:01	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/08/21 13:01	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/08/21 13:01	103-65-1		
Styrene	ND	ug/L	0.50	1		04/08/21 13:01	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 13:01	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 13:01	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/08/21 13:01	127-18-4		
Toluene	ND	ug/L	0.50	1		04/08/21 13:01	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 13:01	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 13:01	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/08/21 13:01	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/08/21 13:01	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/08/21 13:01	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/08/21 13:01	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/08/21 13:01	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 13:01	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 13:01	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/08/21 13:01	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/08/21 13:01	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/08/21 13:01	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		04/08/21 13:01	17060-07-0		
4-Bromofluorobenzene (S)	96	%	70-130	1		04/08/21 13:01	460-00-4		
Toluene-d8 (S)	102	%	70-130	1		04/08/21 13:01	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92531853

Sample: Trip Blank		Lab ID: 92531853008	Collected: 04/07/21 00:00	Received: 04/07/21 16:30	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		04/08/21 13:19	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		04/08/21 13:19	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		04/08/21 13:19	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		04/08/21 13:19	75-27-4	
Bromoform	ND	ug/L	0.50	1		04/08/21 13:19	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/08/21 13:19	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		04/08/21 13:19	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		04/08/21 13:19	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		04/08/21 13:19	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		04/08/21 13:19	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		04/08/21 13:19	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/08/21 13:19	75-00-3	
Chloroform	ND	ug/L	0.50	1		04/08/21 13:19	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/08/21 13:19	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 13:19	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		04/08/21 13:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/08/21 13:19	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		04/08/21 13:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/08/21 13:19	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		04/08/21 13:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 13:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 13:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/08/21 13:19	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/08/21 13:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		04/08/21 13:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		04/08/21 13:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		04/08/21 13:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 13:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/08/21 13:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 13:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		04/08/21 13:19	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		04/08/21 13:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		04/08/21 13:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 13:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/08/21 13:19	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/08/21 13:19	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/08/21 13:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/08/21 13:19	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/08/21 13:19	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/08/21 13:19	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/08/21 13:19	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/08/21 13:19	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/08/21 13:19	103-65-1	
Styrene	ND	ug/L	0.50	1		04/08/21 13:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 13:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/08/21 13:19	79-34-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92531853

Sample: Trip Blank		Lab ID: 92531853008		Collected: 04/07/21 00:00		Received: 04/07/21 16:30		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		04/08/21 13:19	127-18-4		
Toluene	ND	ug/L	0.50	1		04/08/21 13:19	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 13:19	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/08/21 13:19	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/08/21 13:19	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/08/21 13:19	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/08/21 13:19	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/08/21 13:19	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/08/21 13:19	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 13:19	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/08/21 13:19	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/08/21 13:19	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/08/21 13:19	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/08/21 13:19	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		04/08/21 13:19	17060-07-0		
4-Bromofluorobenzene (S)	96	%	70-130	1		04/08/21 13:19	460-00-4		
Toluene-d8 (S)	101	%	70-130	1		04/08/21 13:19	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92531853

QC Batch:	611567	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples: 92531853001, 92531853002, 92531853003, 92531853004, 92531853005, 92531853006, 92531853007			

METHOD BLANK: 3219571

Matrix: Water

Associated Lab Samples: 92531853001, 92531853002, 92531853003, 92531853004, 92531853005, 92531853006, 92531853007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/08/21 14:18	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/08/21 14:18	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/08/21 14:18	N2
4-Bromofluorobenzene (FID) (S)	%	96	70-130	04/08/21 14:18	
4-Bromofluorobenzene (PID) (S)	%	92	70-130	04/08/21 14:18	

LABORATORY CONTROL SAMPLE & LCSD: 3219572

3219573

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	237	261	79	87	70-130	10	25	N2
Aliphatic (C09-C12)	ug/L	300	301	276	100	92	70-130	9	25	N2
Aromatic (C09-C10)	ug/L	100	84.9	100	85	100	70-130	16	25	N2
4-Bromofluorobenzene (FID) (S)	%				95	95	70-130			
4-Bromofluorobenzene (PID) (S)	%				89	90	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92531853

QC Batch: 612232

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92531853001, 92531853002, 92531853003, 92531853004, 92531853005, 92531853006

METHOD BLANK: 3222790

Matrix: Water

Associated Lab Samples: 92531853001, 92531853002, 92531853003, 92531853004, 92531853005, 92531853006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/08/21 17:39	

LABORATORY CONTROL SAMPLE: 3222791

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	466	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3222792 3222793

Parameter	Units	92531760001 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	468	469	94	94	75-125	0	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92531853

QC Batch:	612109	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92531853001, 92531853002, 92531853003, 92531853004, 92531853005, 92531853006, 92531853007, 92531853008		

METHOD BLANK: 3221957

Matrix: Water

Associated Lab Samples: 92531853001, 92531853002, 92531853003, 92531853004, 92531853005, 92531853006, 92531853007, 92531853008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/08/21 11:31	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/08/21 11:31	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/08/21 11:31	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/08/21 11:31	
1,1-Dichloroethane	ug/L	ND	0.50	04/08/21 11:31	
1,1-Dichloroethene	ug/L	ND	0.50	04/08/21 11:31	
1,1-Dichloropropene	ug/L	ND	0.50	04/08/21 11:31	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/08/21 11:31	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/08/21 11:31	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/08/21 11:31	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/08/21 11:31	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/08/21 11:31	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/08/21 11:31	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/08/21 11:31	
1,2-Dichloroethane	ug/L	ND	0.50	04/08/21 11:31	
1,2-Dichloropropane	ug/L	ND	0.50	04/08/21 11:31	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/08/21 11:31	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/08/21 11:31	
1,3-Dichloropropane	ug/L	ND	0.50	04/08/21 11:31	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/08/21 11:31	
2,2-Dichloropropane	ug/L	ND	0.50	04/08/21 11:31	
2-Chlorotoluene	ug/L	ND	0.50	04/08/21 11:31	
4-Chlorotoluene	ug/L	ND	0.50	04/08/21 11:31	
Benzene	ug/L	ND	0.50	04/08/21 11:31	
Bromobenzene	ug/L	ND	0.50	04/08/21 11:31	
Bromochloromethane	ug/L	ND	0.50	04/08/21 11:31	
Bromodichloromethane	ug/L	ND	0.50	04/08/21 11:31	
Bromoform	ug/L	ND	0.50	04/08/21 11:31	
Bromomethane	ug/L	ND	5.0	04/08/21 11:31	
Carbon tetrachloride	ug/L	ND	0.50	04/08/21 11:31	
Chlorobenzene	ug/L	ND	0.50	04/08/21 11:31	
Chloroethane	ug/L	ND	1.0	04/08/21 11:31	
Chloroform	ug/L	ND	0.50	04/08/21 11:31	
Chloromethane	ug/L	ND	1.0	04/08/21 11:31	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/08/21 11:31	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/08/21 11:31	
Dibromochloromethane	ug/L	ND	0.50	04/08/21 11:31	
Dibromomethane	ug/L	ND	0.50	04/08/21 11:31	
Dichlorodifluoromethane	ug/L	ND	0.50	04/08/21 11:31	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92531853

METHOD BLANK: 3221957

Matrix: Water

Associated Lab Samples: 92531853001, 92531853002, 92531853003, 92531853004, 92531853005, 92531853006, 92531853007, 92531853008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	0.50	04/08/21 11:31	
Ethylbenzene	ug/L	ND	0.50	04/08/21 11:31	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/08/21 11:31	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/08/21 11:31	
m&p-Xylene	ug/L	ND	1.0	04/08/21 11:31	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/08/21 11:31	
Methylene Chloride	ug/L	ND	2.0	04/08/21 11:31	
n-Butylbenzene	ug/L	ND	0.50	04/08/21 11:31	
n-Propylbenzene	ug/L	ND	0.50	04/08/21 11:31	
Naphthalene	ug/L	ND	2.0	04/08/21 11:31	
o-Xylene	ug/L	ND	0.50	04/08/21 11:31	
sec-Butylbenzene	ug/L	ND	0.50	04/08/21 11:31	
Styrene	ug/L	ND	0.50	04/08/21 11:31	
tert-Butylbenzene	ug/L	ND	0.50	04/08/21 11:31	
Tetrachloroethene	ug/L	ND	0.50	04/08/21 11:31	
Toluene	ug/L	ND	0.50	04/08/21 11:31	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/08/21 11:31	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/08/21 11:31	
Trichloroethene	ug/L	ND	0.50	04/08/21 11:31	
Trichlorofluoromethane	ug/L	ND	1.0	04/08/21 11:31	
Vinyl chloride	ug/L	ND	1.0	04/08/21 11:31	
1,2-Dichloroethane-d4 (S)	%	106	70-130	04/08/21 11:31	
4-Bromofluorobenzene (S)	%	96	70-130	04/08/21 11:31	
Toluene-d8 (S)	%	103	70-130	04/08/21 11:31	

LABORATORY CONTROL SAMPLE: 3221958

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.0	102	60-140	
1,1,1-Trichloroethane	ug/L	50	50.2	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.7	99	60-140	
1,1,2-Trichloroethane	ug/L	50	53.4	107	60-140	
1,1-Dichloroethane	ug/L	50	51.6	103	60-140	
1,1-Dichloroethene	ug/L	50	52.3	105	60-140	
1,1-Dichloropropene	ug/L	50	50.4	101	60-140	
1,2,3-Trichlorobenzene	ug/L	50	52.4	105	60-140	
1,2,3-Trichloropropane	ug/L	50	48.8	98	60-140	
1,2,4-Trichlorobenzene	ug/L	50	52.4	105	60-140	
1,2,4-Trimethylbenzene	ug/L	50	51.3	103	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	53.8	108	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.0	100	60-140	
1,2-Dichlorobenzene	ug/L	50	50.8	102	60-140	
1,2-Dichloroethane	ug/L	50	44.9	90	60-140	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92531853

LABORATORY CONTROL SAMPLE: 3221958

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloropropane	ug/L	50	51.2	102	60-140	
1,3,5-Trimethylbenzene	ug/L	50	52.1	104	60-140	
1,3-Dichlorobenzene	ug/L	50	51.4	103	60-140	
1,3-Dichloropropane	ug/L	50	49.9	100	60-140	
1,4-Dichlorobenzene	ug/L	50	51.6	103	60-140	
2,2-Dichloropropane	ug/L	50	52.5	105	60-140	
2-Chlorotoluene	ug/L	50	51.9	104	60-140	
4-Chlorotoluene	ug/L	50	50.1	100	60-140	
Benzene	ug/L	50	50.1	100	60-140	
Bromobenzene	ug/L	50	50.8	102	60-140	
Bromochloromethane	ug/L	50	50.8	102	60-140	
Bromodichloromethane	ug/L	50	50.6	101	60-140	
Bromoform	ug/L	50	52.3	105	60-140	
Bromomethane	ug/L	50	52.2	104	60-140	
Carbon tetrachloride	ug/L	50	50.4	101	60-140	
Chlorobenzene	ug/L	50	50.0	100	60-140	
Chloroethane	ug/L	50	42.7	85	60-140	
Chloroform	ug/L	50	45.3	91	60-140	
Chloromethane	ug/L	50	48.3	97	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.8	102	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.1	104	60-140	
Dibromochloromethane	ug/L	50	53.8	108	60-140	
Dibromomethane	ug/L	50	49.1	98	60-140	
Dichlorodifluoromethane	ug/L	50	42.0	84	60-140	
Diisopropyl ether	ug/L	50	45.9	92	60-140	
Ethylbenzene	ug/L	50	49.3	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	51.7	103	60-140	
Isopropylbenzene (Cumene)	ug/L	50	52.5	105	60-140	
m&p-Xylene	ug/L	100	101	101	60-140	
Methyl-tert-butyl ether	ug/L	50	46.5	93	60-140	
Methylene Chloride	ug/L	50	47.1	94	60-140	
n-Butylbenzene	ug/L	50	51.9	104	60-140	
n-Propylbenzene	ug/L	50	50.8	102	60-140	
Naphthalene	ug/L	50	51.5	103	60-140	
o-Xylene	ug/L	50	49.7	99	60-140	
sec-Butylbenzene	ug/L	50	51.0	102	60-140	
Styrene	ug/L	50	52.5	105	60-140	
tert-Butylbenzene	ug/L	50	43.8	88	60-140	
Tetrachloroethene	ug/L	50	47.8	96	60-140	
Toluene	ug/L	50	48.9	98	60-140	
trans-1,2-Dichloroethene	ug/L	50	51.5	103	60-140	
trans-1,3-Dichloropropene	ug/L	50	55.1	110	60-140	
Trichloroethene	ug/L	50	49.6	99	60-140	
Trichlorofluoromethane	ug/L	50	42.5	85	60-140	
Vinyl chloride	ug/L	50	48.3	97	60-140	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92531853

LABORATORY CONTROL SAMPLE: 3221958

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3223004 3223005

Parameter	Units	92531580008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	100	100	105	108	105	108	60-140	3	
1,1,1-Trichloroethane	ug/L	ND	100	100	110	112	110	112	60-140	1	
1,1,2,2-Tetrachloroethane	ug/L	ND	100	100	102	107	102	107	60-140	4	
1,1,2-Trichloroethane	ug/L	ND	100	100	107	107	107	107	60-140	0	
1,1-Dichloroethane	ug/L	ND	100	100	110	112	110	112	60-140	2	
1,1-Dichloroethene	ug/L	ND	100	100	115	118	115	118	60-140	2	
1,1-Dichloropropene	ug/L	ND	100	100	109	112	109	112	60-140	3	
1,2,3-Trichlorobenzene	ug/L	ND	100	100	91.9	96.7	92	97	60-140	5	
1,2,3-Trichloropropane	ug/L	ND	100	100	101	103	101	103	60-140	2	
1,2,4-Trichlorobenzene	ug/L	ND	100	100	92.5	95.3	93	95	60-140	3	
1,2,4-Trimethylbenzene	ug/L	89.2	100	100	193	194	104	105	60-140	0	
1,2-Dibromo-3-chloropropane	ug/L	ND	100	100	103	103	103	103	60-140	1	
1,2-Dibromoethane (EDB)	ug/L	ND	100	100	102	108	102	108	60-140	5	
1,2-Dichlorobenzene	ug/L	ND	100	100	99.8	99.9	100	100	60-140	0	
1,2-Dichloroethane	ug/L	ND	100	100	93.5	96.6	93	97	60-140	3	
1,2-Dichloropropane	ug/L	ND	100	100	114	108	114	108	60-140	5	
1,3,5-Trimethylbenzene	ug/L	ND	100	100	133	132	133	132	60-140	0	
1,3-Dichlorobenzene	ug/L	ND	100	100	99.8	101	100	101	60-140	1	
1,3-Dichloropropane	ug/L	ND	100	100	104	107	104	107	60-140	2	
1,4-Dichlorobenzene	ug/L	ND	100	100	101	104	101	104	60-140	3	
2,2-Dichloropropane	ug/L	ND	100	100	99.7	100	100	100	60-140	1	
2-Chlorotoluene	ug/L	ND	100	100	111	107	111	107	60-140	3	
4-Chlorotoluene	ug/L	ND	100	100	101	102	101	102	60-140	1	
Benzene	ug/L	701	100	100	793	779	92	78	60-140	2	
Bromobenzene	ug/L	ND	100	100	107	106	107	106	60-140	1	
Bromochloromethane	ug/L	ND	100	100	108	108	108	108	60-140	1	
Bromodichloromethane	ug/L	ND	100	100	110	107	110	107	60-140	3	
Bromoform	ug/L	ND	100	100	103	108	103	108	60-140	4	
Bromomethane	ug/L	ND	100	100	112	114	112	114	60-140	2	
Carbon tetrachloride	ug/L	ND	100	100	111	111	111	111	60-140	0	
Chlorobenzene	ug/L	ND	100	100	108	109	108	109	60-140	0	
Chloroethane	ug/L	ND	100	100	125	122	125	122	60-140	3	
Chloroform	ug/L	ND	100	100	91.4	95.3	91	95	60-140	4	
Chloromethane	ug/L	ND	100	100	106	108	106	108	60-140	2	
cis-1,2-Dichloroethene	ug/L	ND	100	100	107	112	107	112	60-140	4	
cis-1,3-Dichloropropene	ug/L	ND	100	100	104	105	104	105	60-140	1	
Dibromochloromethane	ug/L	ND	100	100	107	113	107	113	60-140	5	
Dibromomethane	ug/L	ND	100	100	109	104	109	104	60-140	4	
Dichlorodifluoromethane	ug/L	ND	100	100	90.6	93.3	91	93	60-140	3	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92531853

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3223004 3223005											
Parameter	Units	92531580008		MS	MSD	3223005		MS	MSD	% Rec	Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
Diisopropyl ether	ug/L	114	100	100	100	210	214	96	99	60-140	2
Ethylbenzene	ug/L	4.0	100	100	100	110	111	106	107	60-140	1
Hexachloro-1,3-butadiene	ug/L	ND	100	100	100	103	103	103	103	60-140	0
Isopropylbenzene (Cumene)	ug/L	ND	100	100	100	110	115	110	115	60-140	5
m&p-Xylene	ug/L	563	200	200	200	767	787	102	112	60-140	3
Methyl-tert-butyl ether	ug/L	46.9	100	100	100	142	146	95	99	60-140	3
Methylene Chloride	ug/L	ND	100	100	100	104	107	104	107	60-140	3
n-Butylbenzene	ug/L	ND	100	100	100	101	103	101	103	60-140	2
n-Propylbenzene	ug/L	ND	100	100	100	106	105	106	105	60-140	0
Naphthalene	ug/L	14.1	100	100	100	103	108	89	93	60-140	5
o-Xylene	ug/L	322	100	100	100	418	433	96	111	60-140	4
sec-Butylbenzene	ug/L	ND	100	100	100	109	108	109	108	60-140	1
Styrene	ug/L	ND	100	100	100	107	112	107	112	60-140	5
tert-Butylbenzene	ug/L	ND	100	100	100	92.6	94.1	93	94	60-140	2
Tetrachloroethene	ug/L	ND	100	100	100	107	113	107	113	60-140	5
Toluene	ug/L	290	100	100	100	387	379	97	89	60-140	2
trans-1,2-Dichloroethene	ug/L	ND	100	100	100	107	113	107	113	60-140	5
trans-1,3-Dichloropropene	ug/L	ND	100	100	100	106	105	106	105	60-140	1
Trichloroethene	ug/L	ND	100	100	100	107	109	107	109	60-140	1
Trichlorofluoromethane	ug/L	ND	100	100	100	115	113	115	113	60-140	2
Vinyl chloride	ug/L	ND	100	100	100	101	101	101	101	60-140	0
1,2-Dichloroethane-d4 (S)	%							99	99	70-130	
4-Bromofluorobenzene (S)	%							98	102	70-130	
Toluene-d8 (S)	%							99	99	70-130	

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92531853

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92531853

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531853001	MW-16	MADEP VPH	611567		
92531853002	MW-17	MADEP VPH	611567		
92531853003	MW-28	MADEP VPH	611567		
92531853004	MW-83	MADEP VPH	611567		
92531853005	MW-84	MADEP VPH	611567		
92531853006	DUP-1-20210407	MADEP VPH	611567		
92531853007	FB-1-20210407	MADEP VPH	611567		
92531853001	MW-16	EPA 3010A	612232	EPA 6010D	612255
92531853002	MW-17	EPA 3010A	612232	EPA 6010D	612255
92531853003	MW-28	EPA 3010A	612232	EPA 6010D	612255
92531853004	MW-83	EPA 3010A	612232	EPA 6010D	612255
92531853005	MW-84	EPA 3010A	612232	EPA 6010D	612255
92531853006	DUP-1-20210407	EPA 3010A	612232	EPA 6010D	612255
92531853001	MW-16	SM 6200B	612109		
92531853002	MW-17	SM 6200B	612109		
92531853003	MW-28	SM 6200B	612109		
92531853004	MW-83	SM 6200B	612109		
92531853005	MW-84	SM 6200B	612109		
92531853006	DUP-1-20210407	SM 6200B	612109		
92531853007	FB-1-20210407	SM 6200B	612109		
92531853008	Trip Blank	SM 6200B	612109		

REPORT OF LABORATORY ANALYSIS

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

Laboratory receiving samples:

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

Sample Condition
Upon Receipt

Client Name:

AECOM

Project #:

WO#: 92531853



92531853

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

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

Date/Initials Person Examining Contents: 4/7/21 HD

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: 4.8 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

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. 3 Day
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

1 vial from sample 1 has headspace

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#: 92531853

PM: NMG

Due Date: 04/12/21

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																7													
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.



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

April 13, 2021

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

RE: Project: CPC Huntersville (4/7/21)
Pace Project No.: 92532056

Dear Andrew Wreschnig:

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

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

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CERTIFICATIONS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92532056001	MW-03	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92532056002	MW-20	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92532056003	MW-32	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92532056004	MW-33	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92532056005	MW-34	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92532056006	MW-36	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92532056007	MW-38	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92532056008	MW-52	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92532056009	MW-54	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92532056010	MW-56	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92532056011	MW-57	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92532056012	MW-57D	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92532056013	MW-61D	MADEP VPH	LMB	6	PASI-C

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92532056014	MW-72	EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
		MADEP VPH	LMB	6	PASI-C
92532056015	EB-1-20210407	EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
		MADEP VPH	LMB	6	PASI-C
92532056016	Trip Blank	EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
		SM 6200B	SAS	63	PASI-C
92532056017	Trip Blank	SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: MW-03		Lab ID: 92532056001		Collected: 04/07/21 13:00		Received: 04/07/21 16:30		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		04/08/21 19:30		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/08/21 19:30		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/08/21 19:30		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/08/21 19:30		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	94	%	70-130	1		04/08/21 19:30	460-00-4		
4-Bromofluorobenzene (PID) (S)	90	%	70-130	1		04/08/21 19:30	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/09/21 02:13	04/12/21 19:59	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/09/21 14:38	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/09/21 14:38	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/09/21 14:38	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/09/21 14:38	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/09/21 14:38	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/09/21 14:38	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/09/21 14:38	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/09/21 14:38	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/09/21 14:38	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/09/21 14:38	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/09/21 14:38	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/09/21 14:38	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/09/21 14:38	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/09/21 14:38	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/09/21 14:38	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/09/21 14:38	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/09/21 14:38	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/09/21 14:38	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/09/21 14:38	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/09/21 14:38	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 14:38	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 14:38	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 14:38	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/09/21 14:38	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/09/21 14:38	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/09/21 14:38	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/09/21 14:38	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/09/21 14:38	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/09/21 14:38	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/09/21 14:38	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/09/21 14:38	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/09/21 14:38	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: MW-03		Lab ID: 92532056001		Collected: 04/07/21 13:00		Received: 04/07/21 16:30		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		04/09/21 14:38	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/09/21 14:38	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/09/21 14:38	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/09/21 14:38	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/09/21 14:38	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/09/21 14:38	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/09/21 14:38	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/09/21 14:38	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/09/21 14:38	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/09/21 14:38	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/09/21 14:38	103-65-1		
Styrene	ND	ug/L	0.50	1		04/09/21 14:38	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/09/21 14:38	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/09/21 14:38	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/09/21 14:38	127-18-4		
Toluene	ND	ug/L	0.50	1		04/09/21 14:38	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/09/21 14:38	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/09/21 14:38	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/09/21 14:38	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/09/21 14:38	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/09/21 14:38	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/09/21 14:38	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/09/21 14:38	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/09/21 14:38	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/09/21 14:38	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/09/21 14:38	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/09/21 14:38	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/09/21 14:38	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		04/09/21 14:38	17060-07-0		
4-Bromofluorobenzene (S)	91	%	70-130	1		04/09/21 14:38	460-00-4		
Toluene-d8 (S)	98	%	70-130	1		04/09/21 14:38	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: MW-20		Lab ID: 92532056002		Collected: 04/07/21 11:15		Received: 04/07/21 16:30		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		04/08/21 20:01		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/08/21 20:01		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/08/21 20:01		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/08/21 20:01		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	86	%	70-130	1		04/08/21 20:01	460-00-4		
4-Bromofluorobenzene (PID) (S)	82	%	70-130	1		04/08/21 20:01	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/09/21 02:13	04/12/21 20:12	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/09/21 14:56	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/09/21 14:56	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/09/21 14:56	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/09/21 14:56	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/09/21 14:56	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/09/21 14:56	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/09/21 14:56	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/09/21 14:56	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/09/21 14:56	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/09/21 14:56	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/09/21 14:56	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/09/21 14:56	75-00-3		
Chloroform	2.1	ug/L	0.50	1		04/09/21 14:56	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/09/21 14:56	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/09/21 14:56	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/09/21 14:56	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/09/21 14:56	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/09/21 14:56	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/09/21 14:56	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/09/21 14:56	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 14:56	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 14:56	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 14:56	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/09/21 14:56	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/09/21 14:56	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/09/21 14:56	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/09/21 14:56	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/09/21 14:56	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/09/21 14:56	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/09/21 14:56	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/09/21 14:56	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/09/21 14:56	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: MW-20		Lab ID: 92532056002		Collected: 04/07/21 11:15		Received: 04/07/21 16:30		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		04/09/21 14:56	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/09/21 14:56	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/09/21 14:56	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/09/21 14:56	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/09/21 14:56	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/09/21 14:56	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/09/21 14:56	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/09/21 14:56	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/09/21 14:56	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/09/21 14:56	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/09/21 14:56	103-65-1		
Styrene	ND	ug/L	0.50	1		04/09/21 14:56	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/09/21 14:56	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/09/21 14:56	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/09/21 14:56	127-18-4		
Toluene	ND	ug/L	0.50	1		04/09/21 14:56	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/09/21 14:56	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/09/21 14:56	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/09/21 14:56	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/09/21 14:56	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/09/21 14:56	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/09/21 14:56	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/09/21 14:56	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/09/21 14:56	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/09/21 14:56	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/09/21 14:56	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/09/21 14:56	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/09/21 14:56	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		04/09/21 14:56	17060-07-0		
4-Bromofluorobenzene (S)	90	%	70-130	1		04/09/21 14:56	460-00-4		
Toluene-d8 (S)	99	%	70-130	1		04/09/21 14:56	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: MW-32		Lab ID: 92532056003		Collected: 04/07/21 11:55		Received: 04/07/21 16:30		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		04/08/21 20:30		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/08/21 20:30		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/08/21 20:30		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/08/21 20:30		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130	1		04/08/21 20:30	460-00-4		
4-Bromofluorobenzene (PID) (S)	93	%	70-130	1		04/08/21 20:30	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/09/21 02:13	04/12/21 20:15	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/09/21 15:14	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/09/21 15:14	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/09/21 15:14	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/09/21 15:14	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/09/21 15:14	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/09/21 15:14	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/09/21 15:14	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/09/21 15:14	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/09/21 15:14	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/09/21 15:14	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/09/21 15:14	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/09/21 15:14	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/09/21 15:14	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/09/21 15:14	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/09/21 15:14	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/09/21 15:14	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/09/21 15:14	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/09/21 15:14	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/09/21 15:14	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/09/21 15:14	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 15:14	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 15:14	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 15:14	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/09/21 15:14	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/09/21 15:14	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/09/21 15:14	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/09/21 15:14	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/09/21 15:14	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/09/21 15:14	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/09/21 15:14	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/09/21 15:14	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/09/21 15:14	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: MW-32		Lab ID: 92532056003		Collected: 04/07/21 11:55		Received: 04/07/21 16:30		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		04/09/21 15:14	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/09/21 15:14	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/09/21 15:14	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/09/21 15:14	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/09/21 15:14	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/09/21 15:14	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/09/21 15:14	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/09/21 15:14	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/09/21 15:14	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/09/21 15:14	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/09/21 15:14	103-65-1		
Styrene	ND	ug/L	0.50	1		04/09/21 15:14	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/09/21 15:14	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/09/21 15:14	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/09/21 15:14	127-18-4		
Toluene	ND	ug/L	0.50	1		04/09/21 15:14	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/09/21 15:14	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/09/21 15:14	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/09/21 15:14	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/09/21 15:14	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/09/21 15:14	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/09/21 15:14	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/09/21 15:14	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/09/21 15:14	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/09/21 15:14	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/09/21 15:14	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/09/21 15:14	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/09/21 15:14	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		04/09/21 15:14	17060-07-0		
4-Bromofluorobenzene (S)	94	%	70-130	1		04/09/21 15:14	460-00-4		
Toluene-d8 (S)	100	%	70-130	1		04/09/21 15:14	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: MW-33		Lab ID: 92532056004		Collected: 04/07/21 10:20		Received: 04/07/21 16:30		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		04/08/21 20:58		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/08/21 20:58		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/08/21 20:58		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/08/21 20:58		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130	1		04/08/21 20:58	460-00-4		
4-Bromofluorobenzene (PID) (S)	94	%	70-130	1		04/08/21 20:58	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/09/21 02:13	04/12/21 20:18	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/09/21 15:32	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/09/21 15:32	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/09/21 15:32	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/09/21 15:32	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/09/21 15:32	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/09/21 15:32	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/09/21 15:32	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/09/21 15:32	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/09/21 15:32	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/09/21 15:32	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/09/21 15:32	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/09/21 15:32	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/09/21 15:32	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/09/21 15:32	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/09/21 15:32	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/09/21 15:32	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/09/21 15:32	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/09/21 15:32	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/09/21 15:32	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/09/21 15:32	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 15:32	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 15:32	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 15:32	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/09/21 15:32	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/09/21 15:32	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/09/21 15:32	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/09/21 15:32	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/09/21 15:32	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/09/21 15:32	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/09/21 15:32	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/09/21 15:32	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/09/21 15:32	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: MW-33		Lab ID: 92532056004		Collected: 04/07/21 10:20		Received: 04/07/21 16:30		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		04/09/21 15:32	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/09/21 15:32	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/09/21 15:32	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/09/21 15:32	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/09/21 15:32	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/09/21 15:32	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/09/21 15:32	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/09/21 15:32	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/09/21 15:32	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/09/21 15:32	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/09/21 15:32	103-65-1		
Styrene	ND	ug/L	0.50	1		04/09/21 15:32	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/09/21 15:32	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/09/21 15:32	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/09/21 15:32	127-18-4		
Toluene	ND	ug/L	0.50	1		04/09/21 15:32	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/09/21 15:32	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/09/21 15:32	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/09/21 15:32	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/09/21 15:32	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/09/21 15:32	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/09/21 15:32	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/09/21 15:32	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/09/21 15:32	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/09/21 15:32	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/09/21 15:32	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/09/21 15:32	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/09/21 15:32	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		04/09/21 15:32	17060-07-0		
4-Bromofluorobenzene (S)	88	%	70-130	1		04/09/21 15:32	460-00-4		
Toluene-d8 (S)	99	%	70-130	1		04/09/21 15:32	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: MW-34		Lab ID: 92532056005		Collected: 04/07/21 12:00		Received: 04/07/21 16:30		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		04/08/21 21:27		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/08/21 21:27		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/08/21 21:27		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/08/21 21:27		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	95	%	70-130	1		04/08/21 21:27	460-00-4		
4-Bromofluorobenzene (PID) (S)	91	%	70-130	1		04/08/21 21:27	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/09/21 02:13	04/12/21 20:22	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/09/21 15:50	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/09/21 15:50	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/09/21 15:50	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/09/21 15:50	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/09/21 15:50	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/09/21 15:50	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/09/21 15:50	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/09/21 15:50	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/09/21 15:50	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/09/21 15:50	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/09/21 15:50	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/09/21 15:50	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/09/21 15:50	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/09/21 15:50	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/09/21 15:50	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/09/21 15:50	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/09/21 15:50	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/09/21 15:50	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/09/21 15:50	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/09/21 15:50	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 15:50	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 15:50	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 15:50	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/09/21 15:50	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/09/21 15:50	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/09/21 15:50	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/09/21 15:50	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/09/21 15:50	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/09/21 15:50	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/09/21 15:50	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/09/21 15:50	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/09/21 15:50	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: MW-34		Lab ID: 92532056005		Collected: 04/07/21 12:00		Received: 04/07/21 16:30		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		04/09/21 15:50	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/09/21 15:50	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/09/21 15:50	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/09/21 15:50	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/09/21 15:50	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/09/21 15:50	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/09/21 15:50	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/09/21 15:50	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/09/21 15:50	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/09/21 15:50	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/09/21 15:50	103-65-1		
Styrene	ND	ug/L	0.50	1		04/09/21 15:50	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/09/21 15:50	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/09/21 15:50	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/09/21 15:50	127-18-4		
Toluene	ND	ug/L	0.50	1		04/09/21 15:50	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/09/21 15:50	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/09/21 15:50	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/09/21 15:50	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/09/21 15:50	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/09/21 15:50	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/09/21 15:50	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/09/21 15:50	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/09/21 15:50	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/09/21 15:50	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/09/21 15:50	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/09/21 15:50	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/09/21 15:50	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%	70-130	1		04/09/21 15:50	17060-07-0		
4-Bromofluorobenzene (S)	89	%	70-130	1		04/09/21 15:50	460-00-4		
Toluene-d8 (S)	99	%	70-130	1		04/09/21 15:50	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: MW-36		Lab ID: 92532056006		Collected: 04/07/21 15:15		Received: 04/07/21 16:30		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		04/08/21 21:55		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/08/21 21:55		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/08/21 21:55		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/08/21 21:55		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	94	%	70-130	1		04/08/21 21:55	460-00-4		
4-Bromofluorobenzene (PID) (S)	90	%	70-130	1		04/08/21 21:55	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/09/21 02:13	04/12/21 20:25	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/09/21 16:08	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/09/21 16:08	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/09/21 16:08	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/09/21 16:08	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/09/21 16:08	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/09/21 16:08	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/09/21 16:08	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/09/21 16:08	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/09/21 16:08	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/09/21 16:08	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/09/21 16:08	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/09/21 16:08	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/09/21 16:08	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/09/21 16:08	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/09/21 16:08	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/09/21 16:08	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/09/21 16:08	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/09/21 16:08	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/09/21 16:08	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/09/21 16:08	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 16:08	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 16:08	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 16:08	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/09/21 16:08	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/09/21 16:08	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/09/21 16:08	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/09/21 16:08	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/09/21 16:08	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/09/21 16:08	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/09/21 16:08	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/09/21 16:08	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/09/21 16:08	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: MW-36		Lab ID: 92532056006		Collected: 04/07/21 15:15		Received: 04/07/21 16:30		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		04/09/21 16:08	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/09/21 16:08	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/09/21 16:08	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/09/21 16:08	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/09/21 16:08	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/09/21 16:08	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/09/21 16:08	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/09/21 16:08	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/09/21 16:08	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/09/21 16:08	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/09/21 16:08	103-65-1		
Styrene	ND	ug/L	0.50	1		04/09/21 16:08	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/09/21 16:08	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/09/21 16:08	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/09/21 16:08	127-18-4		
Toluene	ND	ug/L	0.50	1		04/09/21 16:08	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/09/21 16:08	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/09/21 16:08	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/09/21 16:08	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/09/21 16:08	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/09/21 16:08	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/09/21 16:08	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/09/21 16:08	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/09/21 16:08	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/09/21 16:08	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/09/21 16:08	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/09/21 16:08	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/09/21 16:08	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		04/09/21 16:08	17060-07-0		
4-Bromofluorobenzene (S)	91	%	70-130	1		04/09/21 16:08	460-00-4		
Toluene-d8 (S)	99	%	70-130	1		04/09/21 16:08	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: MW-38		Lab ID: 92532056007		Collected: 04/07/21 09:50		Received: 04/07/21 16:30		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)	5570	ug/L	50.0	1		04/08/21 22:24		N2	
Aliphatic (C09-C12)	1400	ug/L	50.0	1		04/08/21 22:24		N2	
Aliphatic(C09-C12) Adjusted	1270	ug/L	50.0	1		04/08/21 22:24		N2	
Aromatic (C09-C10)	126	ug/L	50.0	1		04/08/21 22:24		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	90	%	70-130	1		04/08/21 22:24	460-00-4		
4-Bromofluorobenzene (PID) (S)	87	%	70-130	1		04/08/21 22:24	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/09/21 02:13	04/12/21 20:28	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	644	ug/L	2.5	5		04/12/21 18:24	71-43-2		
Bromobenzene	ND	ug/L	2.5	5		04/12/21 18:24	108-86-1		
Bromochloromethane	ND	ug/L	2.5	5		04/12/21 18:24	74-97-5		
Bromodichloromethane	ND	ug/L	2.5	5		04/12/21 18:24	75-27-4		
Bromoform	ND	ug/L	2.5	5		04/12/21 18:24	75-25-2		
Bromomethane	ND	ug/L	25.0	5		04/12/21 18:24	74-83-9		
n-Butylbenzene	ND	ug/L	2.5	5		04/12/21 18:24	104-51-8		
sec-Butylbenzene	ND	ug/L	2.5	5		04/12/21 18:24	135-98-8		
tert-Butylbenzene	ND	ug/L	2.5	5		04/12/21 18:24	98-06-6		
Carbon tetrachloride	ND	ug/L	2.5	5		04/12/21 18:24	56-23-5		
Chlorobenzene	ND	ug/L	2.5	5		04/12/21 18:24	108-90-7		
Chloroethane	ND	ug/L	5.0	5		04/12/21 18:24	75-00-3		
Chloroform	ND	ug/L	2.5	5		04/12/21 18:24	67-66-3		
Chloromethane	ND	ug/L	5.0	5		04/12/21 18:24	74-87-3		
2-Chlorotoluene	ND	ug/L	2.5	5		04/12/21 18:24	95-49-8		
4-Chlorotoluene	ND	ug/L	2.5	5		04/12/21 18:24	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	5		04/12/21 18:24	96-12-8		
Dibromochloromethane	ND	ug/L	2.5	5		04/12/21 18:24	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	2.5	5		04/12/21 18:24	106-93-4		
Dibromomethane	ND	ug/L	2.5	5		04/12/21 18:24	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	2.5	5		04/12/21 18:24	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	2.5	5		04/12/21 18:24	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	2.5	5		04/12/21 18:24	106-46-7		
Dichlorodifluoromethane	ND	ug/L	2.5	5		04/12/21 18:24	75-71-8		
1,1-Dichloroethane	ND	ug/L	2.5	5		04/12/21 18:24	75-34-3		
1,2-Dichloroethane	ND	ug/L	2.5	5		04/12/21 18:24	107-06-2		
1,1-Dichloroethene	ND	ug/L	2.5	5		04/12/21 18:24	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	2.5	5		04/12/21 18:24	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	2.5	5		04/12/21 18:24	156-60-5		
1,2-Dichloropropane	ND	ug/L	2.5	5		04/12/21 18:24	78-87-5		
1,3-Dichloropropane	ND	ug/L	2.5	5		04/12/21 18:24	142-28-9		
2,2-Dichloropropane	ND	ug/L	2.5	5		04/12/21 18:24	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: MW-38		Lab ID: 92532056007		Collected: 04/07/21 09:50		Received: 04/07/21 16:30		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	2.5	5		04/12/21 18:24	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	2.5	5		04/12/21 18:24	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	2.5	5		04/12/21 18:24	10061-02-6		
Diisopropyl ether	136	ug/L	2.5	5		04/12/21 18:24	108-20-3		
Ethylbenzene	68.1	ug/L	2.5	5		04/12/21 18:24	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	10.0	5		04/12/21 18:24	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	2.5	5		04/12/21 18:24	98-82-8		
Methylene Chloride	ND	ug/L	10.0	5		04/12/21 18:24	75-09-2		
Methyl-tert-butyl ether	50.2	ug/L	2.5	5		04/12/21 18:24	1634-04-4		
Naphthalene	11.8	ug/L	10.0	5		04/12/21 18:24	91-20-3		
n-Propylbenzene	ND	ug/L	2.5	5		04/12/21 18:24	103-65-1		
Styrene	ND	ug/L	2.5	5		04/12/21 18:24	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.5	5		04/12/21 18:24	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.5	5		04/12/21 18:24	79-34-5		
Tetrachloroethene	ND	ug/L	2.5	5		04/12/21 18:24	127-18-4		
Toluene	473	ug/L	2.5	5		04/12/21 18:24	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	10.0	5		04/12/21 18:24	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	10.0	5		04/12/21 18:24	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	2.5	5		04/12/21 18:24	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	2.5	5		04/12/21 18:24	79-00-5		
Trichloroethene	ND	ug/L	2.5	5		04/12/21 18:24	79-01-6		
Trichlorofluoromethane	ND	ug/L	5.0	5		04/12/21 18:24	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	2.5	5		04/12/21 18:24	96-18-4		
1,2,4-Trimethylbenzene	46.9	ug/L	2.5	5		04/12/21 18:24	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	2.5	5		04/12/21 18:24	108-67-8		
Vinyl chloride	ND	ug/L	5.0	5		04/12/21 18:24	75-01-4		
m&p-Xylene	299	ug/L	5.0	5		04/12/21 18:24	179601-23-1		
o-Xylene	154	ug/L	2.5	5		04/12/21 18:24	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130	5		04/12/21 18:24	17060-07-0		
4-Bromofluorobenzene (S)	94	%	70-130	5		04/12/21 18:24	460-00-4		
Toluene-d8 (S)	97	%	70-130	5		04/12/21 18:24	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: MW-52		Lab ID: 92532056008		Collected: 04/07/21 14:00		Received: 04/07/21 16:30		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)	948	ug/L	50.0	1		04/08/21 22:52		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/08/21 22:52		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/08/21 22:52		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/08/21 22:52		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130	1		04/08/21 22:52	460-00-4		
4-Bromofluorobenzene (PID) (S)	91	%	70-130	1		04/08/21 22:52	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/09/21 02:13	04/12/21 20:44	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	17.3	ug/L	0.50	1		04/12/21 14:11	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/12/21 14:11	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/12/21 14:11	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/12/21 14:11	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/12/21 14:11	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/12/21 14:11	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/12/21 14:11	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/12/21 14:11	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/12/21 14:11	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/12/21 14:11	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/12/21 14:11	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/12/21 14:11	75-00-3		
Chloroform	2.7	ug/L	0.50	1		04/12/21 14:11	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/12/21 14:11	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/12/21 14:11	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/12/21 14:11	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/12/21 14:11	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/12/21 14:11	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/12/21 14:11	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/12/21 14:11	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/12/21 14:11	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/12/21 14:11	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/12/21 14:11	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/12/21 14:11	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/12/21 14:11	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/12/21 14:11	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/12/21 14:11	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/12/21 14:11	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/12/21 14:11	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/12/21 14:11	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/12/21 14:11	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/12/21 14:11	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: MW-52		Lab ID: 92532056008		Collected: 04/07/21 14:00		Received: 04/07/21 16:30		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		04/12/21 14:11	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/12/21 14:11	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/12/21 14:11	10061-02-6		
Diisopropyl ether	20.0	ug/L	0.50	1		04/12/21 14:11	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/12/21 14:11	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/12/21 14:11	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/12/21 14:11	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/12/21 14:11	75-09-2		
Methyl-tert-butyl ether	4.4	ug/L	0.50	1		04/12/21 14:11	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/12/21 14:11	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/12/21 14:11	103-65-1		
Styrene	ND	ug/L	0.50	1		04/12/21 14:11	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/12/21 14:11	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/12/21 14:11	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/12/21 14:11	127-18-4		
Toluene	3.5	ug/L	0.50	1		04/12/21 14:11	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/12/21 14:11	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/12/21 14:11	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/12/21 14:11	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/12/21 14:11	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/12/21 14:11	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/12/21 14:11	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/12/21 14:11	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/12/21 14:11	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/12/21 14:11	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/12/21 14:11	75-01-4		
m&p-Xylene	1.3	ug/L	1.0	1		04/12/21 14:11	179601-23-1		
o-Xylene	1.6	ug/L	0.50	1		04/12/21 14:11	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%	70-130	1		04/12/21 14:11	17060-07-0		
4-Bromofluorobenzene (S)	91	%	70-130	1		04/12/21 14:11	460-00-4		
Toluene-d8 (S)	98	%	70-130	1		04/12/21 14:11	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: MW-54		Lab ID: 92532056009		Collected: 04/07/21 14:30		Received: 04/07/21 16:30		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)	3530	ug/L	100	2		04/09/21 15:55		N2	
Aliphatic (C09-C12)	644	ug/L	100	2		04/09/21 15:55		N2	
Aliphatic(C09-C12) Adjusted	596	ug/L	100	2		04/09/21 15:55		N2	
Aromatic (C09-C10)	ND	ug/L	100	2		04/09/21 15:55		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	93	%	70-130	2		04/09/21 15:55	460-00-4		
4-Bromofluorobenzene (PID) (S)	89	%	70-130	2		04/09/21 15:55	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/09/21 02:13	04/12/21 20:48	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	218	ug/L	2.5	5		04/12/21 18:42	71-43-2		
Bromobenzene	ND	ug/L	2.5	5		04/12/21 18:42	108-86-1		
Bromochloromethane	ND	ug/L	2.5	5		04/12/21 18:42	74-97-5		
Bromodichloromethane	ND	ug/L	2.5	5		04/12/21 18:42	75-27-4		
Bromoform	ND	ug/L	2.5	5		04/12/21 18:42	75-25-2		
Bromomethane	ND	ug/L	25.0	5		04/12/21 18:42	74-83-9		
n-Butylbenzene	ND	ug/L	2.5	5		04/12/21 18:42	104-51-8		
sec-Butylbenzene	ND	ug/L	2.5	5		04/12/21 18:42	135-98-8		
tert-Butylbenzene	ND	ug/L	2.5	5		04/12/21 18:42	98-06-6		
Carbon tetrachloride	ND	ug/L	2.5	5		04/12/21 18:42	56-23-5		
Chlorobenzene	ND	ug/L	2.5	5		04/12/21 18:42	108-90-7		
Chloroethane	ND	ug/L	5.0	5		04/12/21 18:42	75-00-3		
Chloroform	ND	ug/L	2.5	5		04/12/21 18:42	67-66-3		
Chloromethane	ND	ug/L	5.0	5		04/12/21 18:42	74-87-3		
2-Chlorotoluene	ND	ug/L	2.5	5		04/12/21 18:42	95-49-8		
4-Chlorotoluene	ND	ug/L	2.5	5		04/12/21 18:42	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	5		04/12/21 18:42	96-12-8		
Dibromochloromethane	ND	ug/L	2.5	5		04/12/21 18:42	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	2.5	5		04/12/21 18:42	106-93-4		
Dibromomethane	ND	ug/L	2.5	5		04/12/21 18:42	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	2.5	5		04/12/21 18:42	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	2.5	5		04/12/21 18:42	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	2.5	5		04/12/21 18:42	106-46-7		
Dichlorodifluoromethane	ND	ug/L	2.5	5		04/12/21 18:42	75-71-8		
1,1-Dichloroethane	ND	ug/L	2.5	5		04/12/21 18:42	75-34-3		
1,2-Dichloroethane	ND	ug/L	2.5	5		04/12/21 18:42	107-06-2		
1,1-Dichloroethene	ND	ug/L	2.5	5		04/12/21 18:42	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	2.5	5		04/12/21 18:42	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	2.5	5		04/12/21 18:42	156-60-5		
1,2-Dichloropropane	ND	ug/L	2.5	5		04/12/21 18:42	78-87-5		
1,3-Dichloropropane	ND	ug/L	2.5	5		04/12/21 18:42	142-28-9		
2,2-Dichloropropane	ND	ug/L	2.5	5		04/12/21 18:42	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: MW-54		Lab ID: 92532056009		Collected: 04/07/21 14:30		Received: 04/07/21 16:30		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	2.5	5		04/12/21 18:42	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	2.5	5		04/12/21 18:42	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	2.5	5		04/12/21 18:42	10061-02-6		
Diisopropyl ether	22.0	ug/L	2.5	5		04/12/21 18:42	108-20-3		
Ethylbenzene	30.6	ug/L	2.5	5		04/12/21 18:42	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	10.0	5		04/12/21 18:42	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	2.5	5		04/12/21 18:42	98-82-8		
Methylene Chloride	ND	ug/L	10.0	5		04/12/21 18:42	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	2.5	5		04/12/21 18:42	1634-04-4		
Naphthalene	ND	ug/L	10.0	5		04/12/21 18:42	91-20-3		
n-Propylbenzene	ND	ug/L	2.5	5		04/12/21 18:42	103-65-1		
Styrene	ND	ug/L	2.5	5		04/12/21 18:42	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.5	5		04/12/21 18:42	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.5	5		04/12/21 18:42	79-34-5		
Tetrachloroethene	ND	ug/L	2.5	5		04/12/21 18:42	127-18-4		
Toluene	636	ug/L	2.5	5		04/12/21 18:42	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	10.0	5		04/12/21 18:42	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	10.0	5		04/12/21 18:42	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	2.5	5		04/12/21 18:42	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	2.5	5		04/12/21 18:42	79-00-5		
Trichloroethene	ND	ug/L	2.5	5		04/12/21 18:42	79-01-6		
Trichlorofluoromethane	ND	ug/L	5.0	5		04/12/21 18:42	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	2.5	5		04/12/21 18:42	96-18-4		
1,2,4-Trimethylbenzene	18.4	ug/L	2.5	5		04/12/21 18:42	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	2.5	5		04/12/21 18:42	108-67-8		
Vinyl chloride	ND	ug/L	5.0	5		04/12/21 18:42	75-01-4		
m&p-Xylene	145	ug/L	5.0	5		04/12/21 18:42	179601-23-1		
o-Xylene	85.1	ug/L	2.5	5		04/12/21 18:42	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130	5		04/12/21 18:42	17060-07-0		
4-Bromofluorobenzene (S)	95	%	70-130	5		04/12/21 18:42	460-00-4		
Toluene-d8 (S)	99	%	70-130	5		04/12/21 18:42	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: MW-56		Lab ID: 92532056010		Collected: 04/07/21 09:20		Received: 04/07/21 16:30		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		04/08/21 23:49		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/08/21 23:49		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/08/21 23:49		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/08/21 23:49		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	93	%	70-130	1		04/08/21 23:49	460-00-4		
4-Bromofluorobenzene (PID) (S)	89	%	70-130	1		04/08/21 23:49	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	04/09/21 02:13	04/12/21 20:51	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/12/21 14:29	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/12/21 14:29	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/12/21 14:29	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/12/21 14:29	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/12/21 14:29	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/12/21 14:29	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/12/21 14:29	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/12/21 14:29	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/12/21 14:29	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/12/21 14:29	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/12/21 14:29	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/12/21 14:29	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/12/21 14:29	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/12/21 14:29	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/12/21 14:29	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/12/21 14:29	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/12/21 14:29	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/12/21 14:29	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/12/21 14:29	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/12/21 14:29	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/12/21 14:29	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/12/21 14:29	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/12/21 14:29	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/12/21 14:29	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/12/21 14:29	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/12/21 14:29	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/12/21 14:29	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/12/21 14:29	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/12/21 14:29	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/12/21 14:29	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/12/21 14:29	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/12/21 14:29	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: MW-56		Lab ID: 92532056010		Collected: 04/07/21 09:20		Received: 04/07/21 16:30		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		04/12/21 14:29	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/12/21 14:29	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/12/21 14:29	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/12/21 14:29	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/12/21 14:29	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/12/21 14:29	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/12/21 14:29	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/12/21 14:29	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/12/21 14:29	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/12/21 14:29	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/12/21 14:29	103-65-1		
Styrene	ND	ug/L	0.50	1		04/12/21 14:29	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/12/21 14:29	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/12/21 14:29	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/12/21 14:29	127-18-4		
Toluene	ND	ug/L	0.50	1		04/12/21 14:29	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/12/21 14:29	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/12/21 14:29	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/12/21 14:29	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/12/21 14:29	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/12/21 14:29	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/12/21 14:29	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/12/21 14:29	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/12/21 14:29	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/12/21 14:29	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/12/21 14:29	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/12/21 14:29	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/12/21 14:29	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		04/12/21 14:29	17060-07-0		
4-Bromofluorobenzene (S)	90	%	70-130	1		04/12/21 14:29	460-00-4		
Toluene-d8 (S)	98	%	70-130	1		04/12/21 14:29	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: MW-57		Lab ID: 92532056011		Collected: 04/07/21 10:30		Received: 04/07/21 16:30		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		04/09/21 00:17		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/09/21 00:17		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/09/21 00:17		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/09/21 00:17		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130	1		04/09/21 00:17	460-00-4		
4-Bromofluorobenzene (PID) (S)	92	%	70-130	1		04/09/21 00:17	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/09/21 02:13	04/12/21 20:54	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/09/21 17:38	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/09/21 17:38	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/09/21 17:38	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/09/21 17:38	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/09/21 17:38	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/09/21 17:38	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/09/21 17:38	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/09/21 17:38	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/09/21 17:38	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/09/21 17:38	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/09/21 17:38	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/09/21 17:38	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/09/21 17:38	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/09/21 17:38	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/09/21 17:38	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/09/21 17:38	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/09/21 17:38	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/09/21 17:38	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/09/21 17:38	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/09/21 17:38	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 17:38	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 17:38	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 17:38	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/09/21 17:38	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/09/21 17:38	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/09/21 17:38	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/09/21 17:38	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/09/21 17:38	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/09/21 17:38	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/09/21 17:38	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/09/21 17:38	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/09/21 17:38	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: MW-57		Lab ID: 92532056011		Collected: 04/07/21 10:30		Received: 04/07/21 16:30		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		04/09/21 17:38	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/09/21 17:38	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/09/21 17:38	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/09/21 17:38	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/09/21 17:38	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/09/21 17:38	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/09/21 17:38	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/09/21 17:38	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/09/21 17:38	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/09/21 17:38	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/09/21 17:38	103-65-1		
Styrene	ND	ug/L	0.50	1		04/09/21 17:38	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/09/21 17:38	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/09/21 17:38	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/09/21 17:38	127-18-4		
Toluene	ND	ug/L	0.50	1		04/09/21 17:38	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/09/21 17:38	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/09/21 17:38	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/09/21 17:38	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/09/21 17:38	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/09/21 17:38	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/09/21 17:38	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/09/21 17:38	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/09/21 17:38	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/09/21 17:38	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/09/21 17:38	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/09/21 17:38	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/09/21 17:38	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		04/09/21 17:38	17060-07-0		
4-Bromofluorobenzene (S)	91	%	70-130	1		04/09/21 17:38	460-00-4		
Toluene-d8 (S)	107	%	70-130	1		04/09/21 17:38	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: MW-57D		Lab ID: 92532056012		Collected: 04/07/21 12:30		Received: 04/07/21 16:30		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		04/09/21 00:46		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/09/21 00:46		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/09/21 00:46		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/09/21 00:46		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	93	%	70-130	1		04/09/21 00:46	460-00-4		
4-Bromofluorobenzene (PID) (S)	90	%	70-130	1		04/09/21 00:46	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	31.4	ug/L	5.0	1	04/09/21 02:13	04/12/21 20:57	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/09/21 17:56	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/09/21 17:56	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/09/21 17:56	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/09/21 17:56	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/09/21 17:56	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/09/21 17:56	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/09/21 17:56	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/09/21 17:56	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/09/21 17:56	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/09/21 17:56	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/09/21 17:56	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/09/21 17:56	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/09/21 17:56	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/09/21 17:56	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/09/21 17:56	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/09/21 17:56	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/09/21 17:56	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/09/21 17:56	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/09/21 17:56	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/09/21 17:56	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 17:56	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 17:56	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 17:56	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/09/21 17:56	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/09/21 17:56	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/09/21 17:56	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/09/21 17:56	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/09/21 17:56	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/09/21 17:56	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/09/21 17:56	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/09/21 17:56	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/09/21 17:56	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: MW-57D		Lab ID: 92532056012	Collected: 04/07/21 12:30	Received: 04/07/21 16:30	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		04/09/21 17:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/09/21 17:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/09/21 17:56	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/09/21 17:56	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/09/21 17:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/09/21 17:56	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/09/21 17:56	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/09/21 17:56	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/09/21 17:56	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/09/21 17:56	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/09/21 17:56	103-65-1	
Styrene	ND	ug/L	0.50	1		04/09/21 17:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/09/21 17:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/09/21 17:56	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		04/09/21 17:56	127-18-4	
Toluene	ND	ug/L	0.50	1		04/09/21 17:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/09/21 17:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/09/21 17:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/09/21 17:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/09/21 17:56	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		04/09/21 17:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/09/21 17:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/09/21 17:56	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/09/21 17:56	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/09/21 17:56	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		04/09/21 17:56	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		04/09/21 17:56	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		04/09/21 17:56	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		04/09/21 17:56	17060-07-0	
4-Bromofluorobenzene (S)	84	%	70-130	1		04/09/21 17:56	460-00-4	
Toluene-d8 (S)	100	%	70-130	1		04/09/21 17:56	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: MW-61D		Lab ID: 92532056013		Collected: 04/07/21 14:20		Received: 04/07/21 16:30		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		04/09/21 05:58		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/09/21 05:58		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/09/21 05:58		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/09/21 05:58		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	92	%	70-130	1		04/09/21 05:58	460-00-4		
4-Bromofluorobenzene (PID) (S)	88	%	70-130	1		04/09/21 05:58	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/09/21 02:13	04/12/21 21:01	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/09/21 18:14	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/09/21 18:14	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/09/21 18:14	74-97-5		
Bromodichloromethane	2.8	ug/L	0.50	1		04/09/21 18:14	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/09/21 18:14	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/09/21 18:14	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/09/21 18:14	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/09/21 18:14	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/09/21 18:14	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/09/21 18:14	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/09/21 18:14	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/09/21 18:14	75-00-3		
Chloroform	12.0	ug/L	0.50	1		04/09/21 18:14	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/09/21 18:14	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/09/21 18:14	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/09/21 18:14	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/09/21 18:14	96-12-8		
Dibromochloromethane	0.84	ug/L	0.50	1		04/09/21 18:14	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/09/21 18:14	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/09/21 18:14	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 18:14	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 18:14	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 18:14	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/09/21 18:14	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/09/21 18:14	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/09/21 18:14	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/09/21 18:14	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/09/21 18:14	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/09/21 18:14	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/09/21 18:14	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/09/21 18:14	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/09/21 18:14	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: MW-61D		Lab ID: 92532056013	Collected: 04/07/21 14:20	Received: 04/07/21 16:30	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		04/09/21 18:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/09/21 18:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/09/21 18:14	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/09/21 18:14	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/09/21 18:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/09/21 18:14	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/09/21 18:14	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/09/21 18:14	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/09/21 18:14	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/09/21 18:14	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/09/21 18:14	103-65-1	
Styrene	ND	ug/L	0.50	1		04/09/21 18:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/09/21 18:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/09/21 18:14	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		04/09/21 18:14	127-18-4	
Toluene	ND	ug/L	0.50	1		04/09/21 18:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/09/21 18:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/09/21 18:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/09/21 18:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/09/21 18:14	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		04/09/21 18:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/09/21 18:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/09/21 18:14	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/09/21 18:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/09/21 18:14	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		04/09/21 18:14	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		04/09/21 18:14	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		04/09/21 18:14	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		04/09/21 18:14	17060-07-0	
4-Bromofluorobenzene (S)	87	%	70-130	1		04/09/21 18:14	460-00-4	
Toluene-d8 (S)	99	%	70-130	1		04/09/21 18:14	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: MW-72		Lab ID: 92532056014		Collected: 04/07/21 14:20		Received: 04/07/21 16:30		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)	1070	ug/L	50.0	1		04/09/21 06:27		N2	
Aliphatic (C09-C12)	138	ug/L	50.0	1		04/09/21 06:27		N2	
Aliphatic(C09-C12) Adjusted	127	ug/L	50.0	1		04/09/21 06:27		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/09/21 06:27		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130	1		04/09/21 06:27	460-00-4		
4-Bromofluorobenzene (PID) (S)	95	%	70-130	1		04/09/21 06:27	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/09/21 02:13	04/12/21 21:04	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	54.8	ug/L	0.50	1		04/09/21 18:32	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/09/21 18:32	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/09/21 18:32	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/09/21 18:32	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/09/21 18:32	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/09/21 18:32	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/09/21 18:32	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/09/21 18:32	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/09/21 18:32	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/09/21 18:32	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/09/21 18:32	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/09/21 18:32	75-00-3		
Chloroform	0.53	ug/L	0.50	1		04/09/21 18:32	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/09/21 18:32	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/09/21 18:32	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/09/21 18:32	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/09/21 18:32	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/09/21 18:32	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/09/21 18:32	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/09/21 18:32	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 18:32	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 18:32	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 18:32	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/09/21 18:32	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/09/21 18:32	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/09/21 18:32	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/09/21 18:32	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/09/21 18:32	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/09/21 18:32	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/09/21 18:32	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/09/21 18:32	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/09/21 18:32	594-20-7		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: MW-72		Lab ID: 92532056014		Collected: 04/07/21 14:20		Received: 04/07/21 16:30		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		04/09/21 18:32	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/09/21 18:32	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/09/21 18:32	10061-02-6		
Diisopropyl ether	5.9	ug/L	0.50	1		04/09/21 18:32	108-20-3		
Ethylbenzene	5.0	ug/L	0.50	1		04/09/21 18:32	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/09/21 18:32	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/09/21 18:32	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/09/21 18:32	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/09/21 18:32	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/09/21 18:32	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/09/21 18:32	103-65-1		
Styrene	ND	ug/L	0.50	1		04/09/21 18:32	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/09/21 18:32	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/09/21 18:32	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/09/21 18:32	127-18-4		
Toluene	111	ug/L	0.50	1		04/09/21 18:32	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/09/21 18:32	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/09/21 18:32	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/09/21 18:32	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/09/21 18:32	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/09/21 18:32	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/09/21 18:32	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/09/21 18:32	96-18-4		
1,2,4-Trimethylbenzene	4.1	ug/L	0.50	1		04/09/21 18:32	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/09/21 18:32	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/09/21 18:32	75-01-4		
m&p-Xylene	30.9	ug/L	1.0	1		04/09/21 18:32	179601-23-1		
o-Xylene	15.1	ug/L	0.50	1		04/09/21 18:32	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		04/09/21 18:32	17060-07-0		
4-Bromofluorobenzene (S)	94	%	70-130	1		04/09/21 18:32	460-00-4		
Toluene-d8 (S)	100	%	70-130	1		04/09/21 18:32	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: EB-1-20210407		Lab ID: 92532056015		Collected: 04/07/21 15:15		Received: 04/07/21 16:30		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		04/09/21 05:30		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/09/21 05:30		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/09/21 05:30		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/09/21 05:30		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	93	%	70-130	1		04/09/21 05:30	460-00-4		
4-Bromofluorobenzene (PID) (S)	89	%	70-130	1		04/09/21 05:30	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/09/21 02:13	04/12/21 21:07	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/09/21 13:44	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/09/21 13:44	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/09/21 13:44	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/09/21 13:44	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/09/21 13:44	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/09/21 13:44	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/09/21 13:44	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/09/21 13:44	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/09/21 13:44	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/09/21 13:44	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/09/21 13:44	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/09/21 13:44	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/09/21 13:44	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/09/21 13:44	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/09/21 13:44	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/09/21 13:44	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/09/21 13:44	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/09/21 13:44	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/09/21 13:44	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/09/21 13:44	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 13:44	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 13:44	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 13:44	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/09/21 13:44	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/09/21 13:44	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/09/21 13:44	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/09/21 13:44	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/09/21 13:44	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/09/21 13:44	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/09/21 13:44	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/09/21 13:44	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/09/21 13:44	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: EB-1-20210407		Lab ID: 92532056015		Collected: 04/07/21 15:15		Received: 04/07/21 16:30		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		04/09/21 13:44	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/09/21 13:44	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/09/21 13:44	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/09/21 13:44	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/09/21 13:44	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/09/21 13:44	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/09/21 13:44	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/09/21 13:44	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/09/21 13:44	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/09/21 13:44	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/09/21 13:44	103-65-1		
Styrene	ND	ug/L	0.50	1		04/09/21 13:44	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/09/21 13:44	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/09/21 13:44	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/09/21 13:44	127-18-4		
Toluene	ND	ug/L	0.50	1		04/09/21 13:44	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/09/21 13:44	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/09/21 13:44	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/09/21 13:44	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/09/21 13:44	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/09/21 13:44	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/09/21 13:44	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/09/21 13:44	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/09/21 13:44	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/09/21 13:44	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/09/21 13:44	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/09/21 13:44	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/09/21 13:44	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		04/09/21 13:44	17060-07-0		
4-Bromofluorobenzene (S)	93	%	70-130	1		04/09/21 13:44	460-00-4		
Toluene-d8 (S)	99	%	70-130	1		04/09/21 13:44	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: Trip Blank		Lab ID: 92532056016	Collected: 04/07/21 00:00	Received: 04/07/21 16:30	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		04/09/21 14:02	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		04/09/21 14:02	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		04/09/21 14:02	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		04/09/21 14:02	75-27-4	
Bromoform	ND	ug/L	0.50	1		04/09/21 14:02	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/09/21 14:02	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		04/09/21 14:02	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		04/09/21 14:02	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		04/09/21 14:02	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		04/09/21 14:02	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		04/09/21 14:02	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/09/21 14:02	75-00-3	
Chloroform	ND	ug/L	0.50	1		04/09/21 14:02	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/09/21 14:02	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		04/09/21 14:02	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		04/09/21 14:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/09/21 14:02	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		04/09/21 14:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/09/21 14:02	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		04/09/21 14:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 14:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 14:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 14:02	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/09/21 14:02	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		04/09/21 14:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		04/09/21 14:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		04/09/21 14:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/09/21 14:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/09/21 14:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		04/09/21 14:02	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		04/09/21 14:02	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		04/09/21 14:02	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		04/09/21 14:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/09/21 14:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/09/21 14:02	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/09/21 14:02	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/09/21 14:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/09/21 14:02	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/09/21 14:02	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/09/21 14:02	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/09/21 14:02	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/09/21 14:02	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/09/21 14:02	103-65-1	
Styrene	ND	ug/L	0.50	1		04/09/21 14:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/09/21 14:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/09/21 14:02	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: Trip Blank		Lab ID: 92532056016		Collected: 04/07/21 00:00		Received: 04/07/21 16:30		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		04/09/21 14:02	127-18-4		
Toluene	ND	ug/L	0.50	1		04/09/21 14:02	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/09/21 14:02	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/09/21 14:02	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/09/21 14:02	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/09/21 14:02	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/09/21 14:02	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/09/21 14:02	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/09/21 14:02	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/09/21 14:02	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/09/21 14:02	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/09/21 14:02	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/09/21 14:02	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/09/21 14:02	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		04/09/21 14:02	17060-07-0		
4-Bromofluorobenzene (S)	90	%	70-130	1		04/09/21 14:02	460-00-4		
Toluene-d8 (S)	99	%	70-130	1		04/09/21 14:02	2037-26-5		

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: Trip Blank		Lab ID: 92532056017	Collected: 04/07/21 00:00	Received: 04/07/21 16:30	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		04/09/21 14:20	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		04/09/21 14:20	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		04/09/21 14:20	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		04/09/21 14:20	75-27-4	
Bromoform	ND	ug/L	0.50	1		04/09/21 14:20	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/09/21 14:20	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		04/09/21 14:20	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		04/09/21 14:20	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		04/09/21 14:20	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		04/09/21 14:20	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		04/09/21 14:20	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/09/21 14:20	75-00-3	
Chloroform	ND	ug/L	0.50	1		04/09/21 14:20	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/09/21 14:20	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		04/09/21 14:20	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		04/09/21 14:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/09/21 14:20	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		04/09/21 14:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/09/21 14:20	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		04/09/21 14:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 14:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 14:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/09/21 14:20	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/09/21 14:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		04/09/21 14:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		04/09/21 14:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		04/09/21 14:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/09/21 14:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/09/21 14:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		04/09/21 14:20	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		04/09/21 14:20	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		04/09/21 14:20	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		04/09/21 14:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/09/21 14:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/09/21 14:20	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/09/21 14:20	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/09/21 14:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/09/21 14:20	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/09/21 14:20	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/09/21 14:20	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/09/21 14:20	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/09/21 14:20	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/09/21 14:20	103-65-1	
Styrene	ND	ug/L	0.50	1		04/09/21 14:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/09/21 14:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/09/21 14:20	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Sample: Trip Blank		Lab ID: 92532056017	Collected: 04/07/21 00:00	Received: 04/07/21 16:30	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		04/09/21 14:20	127-18-4	
Toluene	ND	ug/L	0.50	1		04/09/21 14:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/09/21 14:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/09/21 14:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/09/21 14:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/09/21 14:20	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		04/09/21 14:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/09/21 14:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/09/21 14:20	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/09/21 14:20	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/09/21 14:20	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		04/09/21 14:20	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		04/09/21 14:20	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		04/09/21 14:20	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		04/09/21 14:20	17060-07-0	
4-Bromofluorobenzene (S)	92	%	70-130	1		04/09/21 14:20	460-00-4	
Toluene-d8 (S)	101	%	70-130	1		04/09/21 14:20	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

QC Batch:	611567	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92532056001, 92532056002, 92532056003, 92532056004, 92532056005, 92532056006, 92532056007, 92532056008, 92532056010, 92532056011, 92532056012		

METHOD BLANK:	3219571	Matrix:	Water
Associated Lab Samples:	92532056001, 92532056002, 92532056003, 92532056004, 92532056005, 92532056006, 92532056007, 92532056008, 92532056010, 92532056011, 92532056012		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/08/21 14:18	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/08/21 14:18	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/08/21 14:18	N2
4-Bromofluorobenzene (FID) (S)	%	96	70-130	04/08/21 14:18	
4-Bromofluorobenzene (PID) (S)	%	92	70-130	04/08/21 14:18	

LABORATORY CONTROL SAMPLE & LCSD:		3219572	3219573							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	237	261	79	87	70-130	10	25	N2
Aliphatic (C09-C12)	ug/L	300	301	276	100	92	70-130	9	25	N2
Aromatic (C09-C10)	ug/L	100	84.9	100	85	100	70-130	16	25	N2
4-Bromofluorobenzene (FID) (S)	%				95	95	70-130			
4-Bromofluorobenzene (PID) (S)	%				89	90	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

QC Batch:	612486	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92532056013, 92532056014, 92532056015		

METHOD BLANK: 3224183 Matrix: Water

Associated Lab Samples: 92532056013, 92532056014, 92532056015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/09/21 05:01	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/09/21 05:01	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/09/21 05:01	N2
4-Bromofluorobenzene (FID) (S)	%	97	70-130	04/09/21 05:01	
4-Bromofluorobenzene (PID) (S)	%	93	70-130	04/09/21 05:01	

LABORATORY CONTROL SAMPLE & LCSD: 3224184

		3224185								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	249	269	83	90	70-130	7	25	N2
Aliphatic (C09-C12)	ug/L	300	222	255	74	85	70-130	14	25	N2
Aromatic (C09-C10)	ug/L	100	88.1	93.1	88	93	70-130	6	25	N2
4-Bromofluorobenzene (FID) (S)	%				93	91	70-130			
4-Bromofluorobenzene (PID) (S)	%				88	86	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

QC Batch: 612763

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92532056009

METHOD BLANK: 3225445

Matrix: Water

Associated Lab Samples: 92532056009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/09/21 14:58	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/09/21 14:58	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/09/21 14:58	N2
4-Bromofluorobenzene (FID) (S)	%	102	70-130	04/09/21 14:58	
4-Bromofluorobenzene (PID) (S)	%	97	70-130	04/09/21 14:58	

LABORATORY CONTROL SAMPLE & LCSD: 3225446

3225447

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	265	259	88	86	70-130	2	25	N2
Aliphatic (C09-C12)	ug/L	300	295	291	98	97	70-130	2	25	N2
Aromatic (C09-C10)	ug/L	100	94.4	94.7	94	95	70-130	0	25	N2
4-Bromofluorobenzene (FID) (S)	%				94	94	70-130			
4-Bromofluorobenzene (PID) (S)	%				89	88	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

QC Batch:	612549	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3010A	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Asheville
Associated Lab Samples:	92532056001, 92532056002, 92532056003, 92532056004, 92532056005, 92532056006, 92532056007, 92532056008, 92532056009, 92532056010, 92532056011, 92532056012, 92532056013, 92532056014, 92532056015		

METHOD BLANK:	3224559	Matrix:	Water
Associated Lab Samples:	92532056001, 92532056002, 92532056003, 92532056004, 92532056005, 92532056006, 92532056007, 92532056008, 92532056009, 92532056010, 92532056011, 92532056012, 92532056013, 92532056014, 92532056015		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/12/21 19:46	

LABORATORY CONTROL SAMPLE: 3224560						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	495	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:											
3224561				3224562							
		92532056001	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Parameter	Units	Result									
Lead	ug/L	ND	500	500	466	465	93	93	75-125	0	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

QC Batch:	612473	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92532056001, 92532056002, 92532056003, 92532056004, 92532056005, 92532056006, 92532056011, 92532056012, 92532056013, 92532056014, 92532056015, 92532056016, 92532056017		

METHOD BLANK: 3224084

Matrix: Water

Associated Lab Samples: 92532056001, 92532056002, 92532056003, 92532056004, 92532056005, 92532056006, 92532056011, 92532056012, 92532056013, 92532056014, 92532056015, 92532056016, 92532056017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/09/21 11:20	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/09/21 11:20	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/09/21 11:20	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/09/21 11:20	
1,1-Dichloroethane	ug/L	ND	0.50	04/09/21 11:20	
1,1-Dichloroethene	ug/L	ND	0.50	04/09/21 11:20	
1,1-Dichloropropene	ug/L	ND	0.50	04/09/21 11:20	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/09/21 11:20	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/09/21 11:20	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/09/21 11:20	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/09/21 11:20	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/09/21 11:20	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/09/21 11:20	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/09/21 11:20	
1,2-Dichloroethane	ug/L	ND	0.50	04/09/21 11:20	
1,2-Dichloropropane	ug/L	ND	0.50	04/09/21 11:20	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/09/21 11:20	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/09/21 11:20	
1,3-Dichloropropane	ug/L	ND	0.50	04/09/21 11:20	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/09/21 11:20	
2,2-Dichloropropane	ug/L	ND	0.50	04/09/21 11:20	
2-Chlorotoluene	ug/L	ND	0.50	04/09/21 11:20	
4-Chlorotoluene	ug/L	ND	0.50	04/09/21 11:20	
Benzene	ug/L	ND	0.50	04/09/21 11:20	
Bromobenzene	ug/L	ND	0.50	04/09/21 11:20	
Bromochloromethane	ug/L	ND	0.50	04/09/21 11:20	
Bromodichloromethane	ug/L	ND	0.50	04/09/21 11:20	
Bromoform	ug/L	ND	0.50	04/09/21 11:20	
Bromomethane	ug/L	ND	5.0	04/09/21 11:20	
Carbon tetrachloride	ug/L	ND	0.50	04/09/21 11:20	
Chlorobenzene	ug/L	ND	0.50	04/09/21 11:20	
Chloroethane	ug/L	ND	1.0	04/09/21 11:20	
Chloroform	ug/L	ND	0.50	04/09/21 11:20	
Chloromethane	ug/L	ND	1.0	04/09/21 11:20	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/09/21 11:20	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/09/21 11:20	
Dibromochloromethane	ug/L	ND	0.50	04/09/21 11:20	
Dibromomethane	ug/L	ND	0.50	04/09/21 11:20	
Dichlorodifluoromethane	ug/L	ND	0.50	04/09/21 11:20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

METHOD BLANK: 3224084

Matrix: Water

Associated Lab Samples: 92532056001, 92532056002, 92532056003, 92532056004, 92532056005, 92532056006, 92532056011, 92532056012, 92532056013, 92532056014, 92532056015, 92532056016, 92532056017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	0.50	04/09/21 11:20	
Ethylbenzene	ug/L	ND	0.50	04/09/21 11:20	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/09/21 11:20	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/09/21 11:20	
m&p-Xylene	ug/L	ND	1.0	04/09/21 11:20	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/09/21 11:20	
Methylene Chloride	ug/L	ND	2.0	04/09/21 11:20	
n-Butylbenzene	ug/L	ND	0.50	04/09/21 11:20	
n-Propylbenzene	ug/L	ND	0.50	04/09/21 11:20	
Naphthalene	ug/L	ND	2.0	04/09/21 11:20	
o-Xylene	ug/L	ND	0.50	04/09/21 11:20	
sec-Butylbenzene	ug/L	ND	0.50	04/09/21 11:20	
Styrene	ug/L	ND	0.50	04/09/21 11:20	
tert-Butylbenzene	ug/L	ND	0.50	04/09/21 11:20	
Tetrachloroethene	ug/L	ND	0.50	04/09/21 11:20	
Toluene	ug/L	ND	0.50	04/09/21 11:20	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/09/21 11:20	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/09/21 11:20	
Trichloroethene	ug/L	ND	0.50	04/09/21 11:20	
Trichlorofluoromethane	ug/L	ND	1.0	04/09/21 11:20	
Vinyl chloride	ug/L	ND	1.0	04/09/21 11:20	
1,2-Dichloroethane-d4 (S)	%	99	70-130	04/09/21 11:20	
4-Bromofluorobenzene (S)	%	90	70-130	04/09/21 11:20	
Toluene-d8 (S)	%	107	70-130	04/09/21 11:20	

LABORATORY CONTROL SAMPLE: 3224085

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	59.6	119	60-140	
1,1,1-Trichloroethane	ug/L	50	55.2	110	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	60.3	121	60-140	
1,1,2-Trichloroethane	ug/L	50	58.3	117	60-140	
1,1-Dichloroethane	ug/L	50	58.5	117	60-140	
1,1-Dichloroethene	ug/L	50	58.8	118	60-140	
1,1-Dichloropropene	ug/L	50	54.9	110	60-140	
1,2,3-Trichlorobenzene	ug/L	50	46.3	93	60-140	
1,2,3-Trichloropropane	ug/L	50	60.7	121	60-140	
1,2,4-Trichlorobenzene	ug/L	50	46.8	94	60-140	
1,2,4-Trimethylbenzene	ug/L	50	49.7	99	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	61.6	123	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	66.8	134	60-140	
1,2-Dichlorobenzene	ug/L	50	53.0	106	60-140	
1,2-Dichloroethane	ug/L	50	52.5	105	60-140	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

LABORATORY CONTROL SAMPLE: 3224085

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloropropane	ug/L	50	58.3	117	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.9	100	60-140	
1,3-Dichlorobenzene	ug/L	50	52.3	105	60-140	
1,3-Dichloropropane	ug/L	50	67.3	135	60-140	
1,4-Dichlorobenzene	ug/L	50	52.3	105	60-140	
2,2-Dichloropropane	ug/L	50	58.6	117	60-140	
2-Chlorotoluene	ug/L	50	53.3	107	60-140	
4-Chlorotoluene	ug/L	50	53.0	106	60-140	
Benzene	ug/L	50	56.8	114	60-140	
Bromobenzene	ug/L	50	56.8	114	60-140	
Bromochloromethane	ug/L	50	58.8	118	60-140	
Bromodichloromethane	ug/L	50	53.3	107	60-140	
Bromoform	ug/L	50	64.8	130	60-140	
Bromomethane	ug/L	50	53.8	108	60-140	
Carbon tetrachloride	ug/L	50	53.3	107	60-140	
Chlorobenzene	ug/L	50	59.1	118	60-140	
Chloroethane	ug/L	50	39.2	78	60-140	
Chloroform	ug/L	50	50.9	102	60-140	
Chloromethane	ug/L	50	46.2	92	60-140	
cis-1,2-Dichloroethene	ug/L	50	56.3	113	60-140	
cis-1,3-Dichloropropene	ug/L	50	59.3	119	60-140	
Dibromochloromethane	ug/L	50	67.6	135	60-140	
Dibromomethane	ug/L	50	59.0	118	60-140	
Dichlorodifluoromethane	ug/L	50	38.8	78	60-140	
Diisopropyl ether	ug/L	50	55.0	110	60-140	
Ethylbenzene	ug/L	50	55.0	110	60-140	
Hexachloro-1,3-butadiene	ug/L	50	44.5	89	60-140	
Isopropylbenzene (Cumene)	ug/L	50	52.5	105	60-140	
m&p-Xylene	ug/L	100	110	110	60-140	
Methyl-tert-butyl ether	ug/L	50	55.7	111	60-140	
Methylene Chloride	ug/L	50	53.0	106	60-140	
n-Butylbenzene	ug/L	50	47.0	94	60-140	
n-Propylbenzene	ug/L	50	50.2	100	60-140	
Naphthalene	ug/L	50	50.1	100	60-140	
o-Xylene	ug/L	50	54.3	109	60-140	
sec-Butylbenzene	ug/L	50	46.9	94	60-140	
Styrene	ug/L	50	58.5	117	60-140	
tert-Butylbenzene	ug/L	50	41.1	82	60-140	
Tetrachloroethene	ug/L	50	55.5	111	60-140	
Toluene	ug/L	50	53.9	108	60-140	
trans-1,2-Dichloroethene	ug/L	50	56.3	113	60-140	
trans-1,3-Dichloropropene	ug/L	50	59.9	120	60-140	
Trichloroethene	ug/L	50	55.9	112	60-140	
Trichlorofluoromethane	ug/L	50	42.5	85	60-140	
Vinyl chloride	ug/L	50	46.3	93	60-140	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

LABORATORY CONTROL SAMPLE: 3224085

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			96	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3224837 3224838

Parameter	Units	92531620001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	<7.8	500	500	576	545	115	109	60-140	6	
1,1,1-Trichloroethane	ug/L	<8.3	500	500	575	558	115	112	60-140	3	
1,1,2,2-Tetrachloroethane	ug/L	<5.6	500	500	563	516	113	103	60-140	9	
1,1,2-Trichloroethane	ug/L	<8.1	500	500	547	509	109	102	60-140	7	
1,1-Dichloroethane	ug/L	<9.2	500	500	573	561	115	112	60-140	2	
1,1-Dichloroethene	ug/L	<8.7	500	500	610	599	122	120	60-140	2	
1,1-Dichloropropene	ug/L	<10.7	500	500	575	547	115	109	60-140	5	
1,2,3-Trichlorobenzene	ug/L	<20.2	500	500	344	367	69	73	60-140	6	
1,2,3-Trichloropropane	ug/L	<6.5	500	500	572	526	114	105	60-140	9	
1,2,4-Trichlorobenzene	ug/L	<16.0	500	500	365	374	73	75	60-140	2	
1,2,4-Trimethylbenzene	ug/L	241	500	500	730	706	98	93	60-140	3	
1,2-Dibromo-3-chloropropane	ug/L	<8.5	500	500	568	497	114	99	60-140	13	
1,2-Dibromoethane (EDB)	ug/L	<6.8	500	500	615	568	123	114	60-140	8	
1,2-Dichlorobenzene	ug/L	<8.5	500	500	513	468	103	94	60-140	9	
1,2-Dichloroethane	ug/L	<8.0	500	500	497	482	99	96	60-140	3	
1,2-Dichloropropane	ug/L	<8.9	500	500	566	548	113	110	60-140	3	
1,3,5-Trimethylbenzene	ug/L	<8.3	500	500	560	544	112	109	60-140	3	
1,3-Dichlorobenzene	ug/L	<8.5	500	500	493	465	99	93	60-140	6	
1,3-Dichloropropane	ug/L	<7.1	500	500	629	578	126	116	60-140	8	
1,4-Dichlorobenzene	ug/L	<8.3	500	500	483	470	97	94	60-140	3	
2,2-Dichloropropane	ug/L	<9.7	500	500	511	489	102	98	60-140	4	
2-Chlorotoluene	ug/L	<8.0	500	500	548	516	110	103	60-140	6	
4-Chlorotoluene	ug/L	<8.1	500	500	516	499	103	100	60-140	3	
Benzene	ug/L	2980	500	500	3550	3600	113	123	60-140	1	
Bromobenzene	ug/L	<7.2	500	500	586	550	117	110	60-140	6	
Bromochloromethane	ug/L	<11.7	500	500	549	534	110	107	60-140	3	
Bromodichloromethane	ug/L	<7.7	500	500	503	486	101	97	60-140	3	
Bromoform	ug/L	<8.5	500	500	561	528	112	106	60-140	6	
Bromomethane	ug/L	<41.5	500	500	563	588	113	118	60-140	4	
Carbon tetrachloride	ug/L	<8.3	500	500	548	544	110	109	60-140	1	
Chlorobenzene	ug/L	<7.1	500	500	583	549	117	110	60-140	6	
Chloroethane	ug/L	<16.2	500	500	581	560	116	112	60-140	4	
Chloroform	ug/L	12.4J	500	500	490	476	96	93	60-140	3	
Chloromethane	ug/L	<13.5	500	500	473	477	95	95	60-140	1	
cis-1,2-Dichloroethene	ug/L	50.6	500	500	593	585	109	107	60-140	1	
cis-1,3-Dichloropropene	ug/L	<9.1	500	500	533	516	107	103	60-140	3	
Dibromochloromethane	ug/L	<9.0	500	500	639	585	128	117	60-140	9	
Dibromomethane	ug/L	<9.8	500	500	555	531	111	106	60-140	4	
Dichlorodifluoromethane	ug/L	<8.6	500	500	398	407	80	81	60-140	2	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3224837 3224838											
Parameter	Units	92531620001		MS	MSD	3224838		MS	MSD	% Rec	Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
Diisopropyl ether	ug/L	315	500	500	500	826	824	102	102	60-140	0
Ethylbenzene	ug/L	513	500	500	500	1070	1040	112	106	60-140	3
Hexachloro-1,3-butadiene	ug/L	<38.2	500	500	500	414	401	83	80	60-140	3
Isopropylbenzene (Cumene)	ug/L	104	500	500	500	599	572	99	94	60-140	5
m&p-Xylene	ug/L	313	1000	1000	1000	1390	1330	107	101	60-140	5
Methyl-tert-butyl ether	ug/L	170	500	500	500	676	660	101	98	60-140	2
Methylene Chloride	ug/L	<48.8	500	500	500	530	517	101	98	60-140	2
n-Butylbenzene	ug/L	14.8	500	500	500	464	406	90	78	60-140	13
n-Propylbenzene	ug/L	<8.5	500	500	500	558	529	112	106	60-140	5
Naphthalene	ug/L	67.4	500	500	500	435	460	74	79	60-140	6
o-Xylene	ug/L	128	500	500	500	644	621	103	99	60-140	4
sec-Butylbenzene	ug/L	<10.0	500	500	500	473	451	95	90	60-140	5
Styrene	ug/L	<7.3	500	500	500	531	507	106	101	60-140	5
tert-Butylbenzene	ug/L	<8.1	500	500	500	418	397	84	79	60-140	5
Tetrachloroethene	ug/L	<7.3	500	500	500	567	530	113	106	60-140	7
Toluene	ug/L	148	500	500	500	683	664	107	103	60-140	3
trans-1,2-Dichloroethene	ug/L	<9.9	500	500	500	565	559	113	112	60-140	1
trans-1,3-Dichloropropene	ug/L	<9.1	500	500	500	523	511	105	102	60-140	2
Trichloroethene	ug/L	<9.6	500	500	500	589	564	118	113	60-140	4
Trichlorofluoromethane	ug/L	<7.4	500	500	500	605	562	121	112	60-140	7
Vinyl chloride	ug/L	<9.6	500	500	500	470	467	94	93	60-140	1
1,2-Dichloroethane-d4 (S)	%							97	93	70-130	
4-Bromofluorobenzene (S)	%							94	94	70-130	
Toluene-d8 (S)	%							95	96	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

QC Batch: 613037

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92532056007, 92532056008, 92532056009, 92532056010

METHOD BLANK: 3226625

Matrix: Water

Associated Lab Samples: 92532056007, 92532056008, 92532056009, 92532056010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/12/21 12:41	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/12/21 12:41	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/12/21 12:41	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/12/21 12:41	
1,1-Dichloroethane	ug/L	ND	0.50	04/12/21 12:41	
1,1-Dichloroethene	ug/L	ND	0.50	04/12/21 12:41	
1,1-Dichloropropene	ug/L	ND	0.50	04/12/21 12:41	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/12/21 12:41	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/12/21 12:41	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/12/21 12:41	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/12/21 12:41	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/12/21 12:41	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/12/21 12:41	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/12/21 12:41	
1,2-Dichloroethane	ug/L	ND	0.50	04/12/21 12:41	
1,2-Dichloropropane	ug/L	ND	0.50	04/12/21 12:41	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/12/21 12:41	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/12/21 12:41	
1,3-Dichloropropane	ug/L	ND	0.50	04/12/21 12:41	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/12/21 12:41	
2,2-Dichloropropane	ug/L	ND	0.50	04/12/21 12:41	
2-Chlorotoluene	ug/L	ND	0.50	04/12/21 12:41	
4-Chlorotoluene	ug/L	ND	0.50	04/12/21 12:41	
Benzene	ug/L	ND	0.50	04/12/21 12:41	
Bromobenzene	ug/L	ND	0.50	04/12/21 12:41	
Bromochloromethane	ug/L	ND	0.50	04/12/21 12:41	
Bromodichloromethane	ug/L	ND	0.50	04/12/21 12:41	
Bromoform	ug/L	ND	0.50	04/12/21 12:41	
Bromomethane	ug/L	ND	5.0	04/12/21 12:41	
Carbon tetrachloride	ug/L	ND	0.50	04/12/21 12:41	
Chlorobenzene	ug/L	ND	0.50	04/12/21 12:41	
Chloroethane	ug/L	ND	1.0	04/12/21 12:41	
Chloroform	ug/L	ND	0.50	04/12/21 12:41	
Chloromethane	ug/L	ND	1.0	04/12/21 12:41	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/12/21 12:41	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/12/21 12:41	
Dibromochloromethane	ug/L	ND	0.50	04/12/21 12:41	
Dibromomethane	ug/L	ND	0.50	04/12/21 12:41	
Dichlorodifluoromethane	ug/L	ND	0.50	04/12/21 12:41	
Diisopropyl ether	ug/L	ND	0.50	04/12/21 12:41	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

METHOD BLANK: 3226625

Matrix: Water

Associated Lab Samples: 92532056007, 92532056008, 92532056009, 92532056010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/12/21 12:41	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/12/21 12:41	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/12/21 12:41	
m&p-Xylene	ug/L	ND	1.0	04/12/21 12:41	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/12/21 12:41	
Methylene Chloride	ug/L	ND	2.0	04/12/21 12:41	
n-Butylbenzene	ug/L	ND	0.50	04/12/21 12:41	
n-Propylbenzene	ug/L	ND	0.50	04/12/21 12:41	
Naphthalene	ug/L	ND	2.0	04/12/21 12:41	
o-Xylene	ug/L	ND	0.50	04/12/21 12:41	
sec-Butylbenzene	ug/L	ND	0.50	04/12/21 12:41	
Styrene	ug/L	ND	0.50	04/12/21 12:41	
tert-Butylbenzene	ug/L	ND	0.50	04/12/21 12:41	
Tetrachloroethene	ug/L	ND	0.50	04/12/21 12:41	
Toluene	ug/L	ND	0.50	04/12/21 12:41	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/12/21 12:41	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/12/21 12:41	
Trichloroethene	ug/L	ND	0.50	04/12/21 12:41	
Trichlorofluoromethane	ug/L	ND	1.0	04/12/21 12:41	
Vinyl chloride	ug/L	ND	1.0	04/12/21 12:41	
1,2-Dichloroethane-d4 (S)	%	103	70-130	04/12/21 12:41	
4-Bromofluorobenzene (S)	%	95	70-130	04/12/21 12:41	
Toluene-d8 (S)	%	100	70-130	04/12/21 12:41	

LABORATORY CONTROL SAMPLE: 3226626

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	51.5	103	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	53.3	107	60-140	
1,1,2-Trichloroethane	ug/L	50	51.8	104	60-140	
1,1-Dichloroethane	ug/L	50	53.5	107	60-140	
1,1-Dichloroethene	ug/L	50	56.1	112	60-140	
1,1-Dichloropropene	ug/L	50	52.3	105	60-140	
1,2,3-Trichlorobenzene	ug/L	50	46.6	93	60-140	
1,2,3-Trichloropropane	ug/L	50	54.7	109	60-140	
1,2,4-Trichlorobenzene	ug/L	50	46.4	93	60-140	
1,2,4-Trimethylbenzene	ug/L	50	49.7	99	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	59.1	118	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	56.6	113	60-140	
1,2-Dichlorobenzene	ug/L	50	48.9	98	60-140	
1,2-Dichloroethane	ug/L	50	47.5	95	60-140	
1,2-Dichloropropane	ug/L	50	52.3	105	60-140	
1,3,5-Trimethylbenzene	ug/L	50	47.8	96	60-140	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

LABORATORY CONTROL SAMPLE: 3226626

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.3	99	60-140	
1,3-Dichloropropane	ug/L	50	57.3	115	60-140	
1,4-Dichlorobenzene	ug/L	50	48.8	98	60-140	
2,2-Dichloropropane	ug/L	50	54.9	110	60-140	
2-Chlorotoluene	ug/L	50	49.8	100	60-140	
4-Chlorotoluene	ug/L	50	52.2	104	60-140	
Benzene	ug/L	50	51.1	102	60-140	
Bromobenzene	ug/L	50	53.8	108	60-140	
Bromochloromethane	ug/L	50	52.2	104	60-140	
Bromodichloromethane	ug/L	50	46.9	94	60-140	
Bromoform	ug/L	50	59.0	118	60-140	
Bromomethane	ug/L	50	46.7	93	60-140	
Carbon tetrachloride	ug/L	50	49.7	99	60-140	
Chlorobenzene	ug/L	50	51.9	104	60-140	
Chloroethane	ug/L	50	38.4	77	60-140	
Chloroform	ug/L	50	45.3	91	60-140	
Chloromethane	ug/L	50	42.0	84	60-140	
cis-1,2-Dichloroethene	ug/L	50	51.8	104	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.9	106	60-140	
Dibromochloromethane	ug/L	50	60.4	121	60-140	
Dibromomethane	ug/L	50	53.6	107	60-140	
Dichlorodifluoromethane	ug/L	50	39.7	79	60-140	
Diisopropyl ether	ug/L	50	51.0	102	60-140	
Ethylbenzene	ug/L	50	48.6	97	60-140	
Hexachloro-1,3-butadiene	ug/L	50	44.5	89	60-140	
Isopropylbenzene (Cumene)	ug/L	50	47.3	95	60-140	
m&p-Xylene	ug/L	100	98.4	98	60-140	
Methyl-tert-butyl ether	ug/L	50	52.1	104	60-140	
Methylene Chloride	ug/L	50	49.3	99	60-140	
n-Butylbenzene	ug/L	50	45.7	91	60-140	
n-Propylbenzene	ug/L	50	48.3	97	60-140	
Naphthalene	ug/L	50	49.0	98	60-140	
o-Xylene	ug/L	50	49.9	100	60-140	
sec-Butylbenzene	ug/L	50	46.7	93	60-140	
Styrene	ug/L	50	53.6	107	60-140	
tert-Butylbenzene	ug/L	50	41.7	83	60-140	
Tetrachloroethene	ug/L	50	50.0	100	60-140	
Toluene	ug/L	50	48.7	97	60-140	
trans-1,2-Dichloroethene	ug/L	50	52.8	106	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.7	107	60-140	
Trichloroethene	ug/L	50	50.5	101	60-140	
Trichlorofluoromethane	ug/L	50	44.5	89	60-140	
Vinyl chloride	ug/L	50	44.2	88	60-140	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			97	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3226627 3226628											
Parameter	Units	92531680004		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	198	217	99	109	60-140	9
1,1,1-Trichloroethane	ug/L	ND	200	200	200	208	225	104	112	60-140	8
1,1,2,2-Tetrachloroethane	ug/L	ND	200	200	200	196	215	98	107	60-140	9
1,1,2-Trichloroethane	ug/L	ND	200	200	200	190	209	95	104	60-140	9
1,1-Dichloroethane	ug/L	ND	200	200	200	211	229	105	115	60-140	9
1,1-Dichloroethene	ug/L	ND	200	200	200	222	245	111	122	60-140	10
1,1-Dichloropropene	ug/L	ND	200	200	200	208	227	104	113	60-140	9
1,2,3-Trichlorobenzene	ug/L	ND	200	200	200	151	167	75	84	60-140	10
1,2,3-Trichloropropane	ug/L	ND	200	200	200	204	219	102	109	60-140	7
1,2,4-Trichlorobenzene	ug/L	ND	200	200	200	154	171	77	86	60-140	11
1,2,4-Trimethylbenzene	ug/L	1240	200	200	200	1370	1330	65	48	60-140	2 M1
1,2-Dibromo-3-chloropropane	ug/L	ND	200	200	200	189	197	95	99	60-140	4
1,2-Dibromoethane (EDB)	ug/L	ND	200	200	200	204	223	102	111	60-140	9
1,2-Dichlorobenzene	ug/L	ND	200	200	200	176	188	88	94	60-140	7
1,2-Dichloroethane	ug/L	ND	200	200	200	180	191	90	95	60-140	6
1,2-Dichloropropane	ug/L	ND	200	200	200	202	221	101	111	60-140	9
1,3,5-Trimethylbenzene	ug/L	320	200	200	200	484	492	82	86	60-140	2
1,3-Dichlorobenzene	ug/L	ND	200	200	200	175	188	88	94	60-140	7
1,3-Dichloropropane	ug/L	ND	200	200	200	212	229	106	114	60-140	8
1,4-Dichlorobenzene	ug/L	ND	200	200	200	175	188	88	94	60-140	7
2,2-Dichloropropane	ug/L	ND	200	200	200	186	202	93	101	60-140	8
2-Chlorotoluene	ug/L	ND	200	200	200	206	221	103	110	60-140	7
4-Chlorotoluene	ug/L	ND	200	200	200	180	195	90	97	60-140	8
Benzene	ug/L	74.2	200	200	200	275	297	101	111	60-140	8
Bromobenzene	ug/L	ND	200	200	200	195	207	98	104	60-140	6
Bromochloromethane	ug/L	ND	200	200	200	204	218	102	109	60-140	7
Bromodichloromethane	ug/L	ND	200	200	200	179	197	90	99	60-140	10
Bromoform	ug/L	ND	200	200	200	191	211	96	106	60-140	10
Bromomethane	ug/L	ND	200	200	200	214	231	107	115	60-140	7
Carbon tetrachloride	ug/L	ND	200	200	200	195	220	97	110	60-140	12
Chlorobenzene	ug/L	ND	200	200	200	203	220	101	110	60-140	8
Chloroethane	ug/L	ND	200	200	200	203	215	102	107	60-140	5
Chloroform	ug/L	ND	200	200	200	174	188	87	94	60-140	8
Chloromethane	ug/L	ND	200	200	200	154	172	77	86	60-140	11
cis-1,2-Dichloroethene	ug/L	ND	200	200	200	201	215	101	108	60-140	7
cis-1,3-Dichloropropene	ug/L	ND	200	200	200	187	205	94	103	60-140	9
Dibromochloromethane	ug/L	ND	200	200	200	214	233	107	117	60-140	9
Dibromomethane	ug/L	ND	200	200	200	190	218	95	109	60-140	14
Dichlorodifluoromethane	ug/L	ND	200	200	200	141	152	70	76	60-140	7
Diisopropyl ether	ug/L	7.0	200	200	200	200	215	96	104	60-140	7
Ethylbenzene	ug/L	345	200	200	200	533	548	94	102	60-140	3
Hexachloro-1,3-butadiene	ug/L	ND	200	200	200	163	181	81	90	60-140	11
Isopropylbenzene (Cumene)	ug/L	65.2	200	200	200	246	276	90	105	60-140	11
m&p-Xylene	ug/L	848	400	400	400	1220	1250	92	101	60-140	3
Methyl-tert-butyl ether	ug/L	ND	200	200	200	193	207	95	102	60-140	7
Methylene Chloride	ug/L	ND	200	200	200	198	211	99	105	60-140	7

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3226627 3226628											
Parameter	Units	92531680004		MS	MSD	MS	MSD	MS	MSD	% Rec	RPD
		Result	Conc.	Spike	Spike						
				Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	Qual
n-Butylbenzene	ug/L	ND	200	200	200	212	100	106	60-140	6	
n-Propylbenzene	ug/L	ND	200	200	329	340	165	170	60-140	3	M1
Naphthalene	ug/L	93.3	200	200	230	240	68	73	60-140	4	
o-Xylene	ug/L	215	200	200	393	408	89	97	60-140	4	
sec-Butylbenzene	ug/L	ND	200	200	180	196	90	98	60-140	9	
Styrene	ug/L	ND	200	200	191	207	96	103	60-140	8	
tert-Butylbenzene	ug/L	ND	200	200	155	167	78	83	60-140	7	
Tetrachloroethene	ug/L	ND	200	200	189	213	95	107	60-140	12	
Toluene	ug/L	20.4	200	200	210	229	95	104	60-140	9	
trans-1,2-Dichloroethene	ug/L	ND	200	200	208	224	104	112	60-140	7	
trans-1,3-Dichloropropene	ug/L	ND	200	200	186	207	93	104	60-140	11	
Trichloroethene	ug/L	ND	200	200	199	220	99	110	60-140	10	
Trichlorofluoromethane	ug/L	ND	200	200	209	225	105	113	60-140	7	
Vinyl chloride	ug/L	ND	200	200	169	183	85	92	60-140	8	
1,2-Dichloroethane-d4 (S)	%							104	103	70-130	
4-Bromofluorobenzene (S)	%							98	98	70-130	
Toluene-d8 (S)	%							96	98	70-130	

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92532056001	MW-03	MADEP VPH	611567		
92532056002	MW-20	MADEP VPH	611567		
92532056003	MW-32	MADEP VPH	611567		
92532056004	MW-33	MADEP VPH	611567		
92532056005	MW-34	MADEP VPH	611567		
92532056006	MW-36	MADEP VPH	611567		
92532056007	MW-38	MADEP VPH	611567		
92532056008	MW-52	MADEP VPH	611567		
92532056009	MW-54	MADEP VPH	612763		
92532056010	MW-56	MADEP VPH	611567		
92532056011	MW-57	MADEP VPH	611567		
92532056012	MW-57D	MADEP VPH	611567		
92532056013	MW-61D	MADEP VPH	612486		
92532056014	MW-72	MADEP VPH	612486		
92532056015	EB-1-20210407	MADEP VPH	612486		
92532056001	MW-03	EPA 3010A	612549	EPA 6010D	612579
92532056002	MW-20	EPA 3010A	612549	EPA 6010D	612579
92532056003	MW-32	EPA 3010A	612549	EPA 6010D	612579
92532056004	MW-33	EPA 3010A	612549	EPA 6010D	612579
92532056005	MW-34	EPA 3010A	612549	EPA 6010D	612579
92532056006	MW-36	EPA 3010A	612549	EPA 6010D	612579
92532056007	MW-38	EPA 3010A	612549	EPA 6010D	612579
92532056008	MW-52	EPA 3010A	612549	EPA 6010D	612579
92532056009	MW-54	EPA 3010A	612549	EPA 6010D	612579
92532056010	MW-56	EPA 3010A	612549	EPA 6010D	612579
92532056011	MW-57	EPA 3010A	612549	EPA 6010D	612579
92532056012	MW-57D	EPA 3010A	612549	EPA 6010D	612579
92532056013	MW-61D	EPA 3010A	612549	EPA 6010D	612579
92532056014	MW-72	EPA 3010A	612549	EPA 6010D	612579
92532056015	EB-1-20210407	EPA 3010A	612549	EPA 6010D	612579
92532056001	MW-03	SM 6200B	612473		
92532056002	MW-20	SM 6200B	612473		
92532056003	MW-32	SM 6200B	612473		
92532056004	MW-33	SM 6200B	612473		
92532056005	MW-34	SM 6200B	612473		
92532056006	MW-36	SM 6200B	612473		
92532056007	MW-38	SM 6200B	613037		
92532056008	MW-52	SM 6200B	613037		
92532056009	MW-54	SM 6200B	613037		
92532056010	MW-56	SM 6200B	613037		
92532056011	MW-57	SM 6200B	612473		
92532056012	MW-57D	SM 6200B	612473		
92532056013	MW-61D	SM 6200B	612473		
92532056014	MW-72	SM 6200B	612473		
92532056015	EB-1-20210407	SM 6200B	612473		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville (4/7/21)

Pace Project No.: 92532056

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92532056016	Trip Blank	SM 6200B	612473		
92532056017	Trip Blank	SM 6200B	612473		

REPORT OF LABORATORY ANALYSIS

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

Laboratory receiving samples:

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

Sample Condition
Upon Receipt

Client Name:

Project #:

WO#: 92532056

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



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

Date/Initials Person Examining Contents: 11/8 4-8-21

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

Biological Tissue Frozen?

Thermometer:

☐ Yes ☐ No ☒ N/A

☒ IR Gun ID: 92T064

Type of Ice:

☒ Wet ☐ Blue ☐ None

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): 4.3

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: _____

*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# : 92532056

PM: NMG

Due Date: 04/14/21

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 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.

*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 #

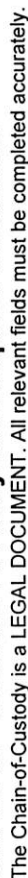
Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic 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 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						✓										7													
2						✓										7													
3						✓										7													
4																2													
5																2													
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.

Page 59 of 60



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

March 26, 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.: 92529132

Dear Andrew Street:

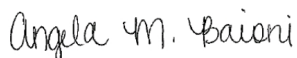
Enclosed are the analytical results for sample(s) received by the laboratory on March 23, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise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

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

- Pace Analytical Services - 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

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92529132

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92529132

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92529132001	13926A_HC_RD_20210323	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

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92529132

Sample: 13926A_HC_RD_20210323 Lab ID: 92529132001 Collected: 03/23/21 11:45 Received: 03/23/21 12:52 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		03/23/21 17:03		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	1		03/23/21 17:03		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		03/23/21 17:03		N2
Aromatic (C09-C10)	ND	ug/L	50.0	1		03/23/21 17:03		N2
Surrogates								
4-Bromofluorobenzene (FID) (S)	99	%	70-130	1		03/23/21 17:03	460-00-4	
4-Bromofluorobenzene (PID) (S)	91	%	70-130	1		03/23/21 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	1	03/24/21 02:03	03/24/21 19:36	7439-92-1	
6200B MSV								
Analytical Method: SM 6200B								
Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		03/24/21 18:03	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		03/24/21 18:03	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		03/24/21 18:03	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		03/24/21 18:03	75-27-4	
Bromoform	ND	ug/L	0.50	1		03/24/21 18:03	75-25-2	
Bromomethane	ND	ug/L	5.0	1		03/24/21 18:03	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		03/24/21 18:03	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		03/24/21 18:03	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		03/24/21 18:03	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		03/24/21 18:03	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		03/24/21 18:03	108-90-7	
Chloroethane	ND	ug/L	1.0	1		03/24/21 18:03	75-00-3	
Chloroform	ND	ug/L	0.50	1		03/24/21 18:03	67-66-3	
Chloromethane	ND	ug/L	1.0	1		03/24/21 18:03	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		03/24/21 18:03	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		03/24/21 18:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		03/24/21 18:03	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		03/24/21 18:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/24/21 18:03	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		03/24/21 18:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/24/21 18:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/24/21 18:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/24/21 18:03	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		03/24/21 18:03	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		03/24/21 18:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		03/24/21 18:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		03/24/21 18:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/24/21 18:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/24/21 18:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		03/24/21 18:03	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		03/24/21 18:03	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		03/24/21 18:03	594-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92529132

Sample: 13926A_HC_RD_20210323		Lab ID: 92529132001		Collected: 03/23/21 11:45		Received: 03/23/21 12:52		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		03/24/21 18:03	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/24/21 18:03	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/24/21 18:03	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		03/24/21 18:03	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		03/24/21 18:03	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		03/24/21 18:03	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/24/21 18:03	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		03/24/21 18:03	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/24/21 18:03	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		03/24/21 18:03	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/24/21 18:03	103-65-1		
Styrene	ND	ug/L	0.50	1		03/24/21 18:03	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/24/21 18:03	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/24/21 18:03	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		03/24/21 18:03	127-18-4		
Toluene	ND	ug/L	0.50	1		03/24/21 18:03	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		03/24/21 18:03	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		03/24/21 18:03	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/24/21 18:03	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/24/21 18:03	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		03/24/21 18:03	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		03/24/21 18:03	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		03/24/21 18:03	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/24/21 18:03	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/24/21 18:03	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		03/24/21 18:03	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		03/24/21 18:03	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/24/21 18:03	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	70-130	1		03/24/21 18:03	17060-07-0		
4-Bromofluorobenzene (S)	91	%	70-130	1		03/24/21 18:03	460-00-4		
Toluene-d8 (S)	100	%	70-130	1		03/24/21 18:03	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529132

QC Batch: 608585

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92529132001

METHOD BLANK: 3205693

Matrix: Water

Associated Lab Samples: 92529132001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	03/23/21 14:12	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	03/23/21 14:12	N2
Aromatic (C09-C10)	ug/L	ND	50.0	03/23/21 14:12	N2
4-Bromofluorobenzene (FID) (S)	%	106	70-130	03/23/21 14:12	
4-Bromofluorobenzene (PID) (S)	%	98	70-130	03/23/21 14:12	

LABORATORY CONTROL SAMPLE & LCSD: 3205694

3205695

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	335	331	112	110	70-130	1	25	N2
Aliphatic (C09-C12)	ug/L	300	330	335	110	112	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	96.6	103	97	103	70-130	6	25	N2
4-Bromofluorobenzene (FID) (S)	%				107	104	70-130			
4-Bromofluorobenzene (PID) (S)	%				98	92	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529132

QC Batch: 608728

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92529132001

METHOD BLANK: 3206418

Matrix: Water

Associated Lab Samples: 92529132001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	03/24/21 18:00	

LABORATORY CONTROL SAMPLE: 3206419

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	483	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3206420 3206421

Parameter	Units	92528940001 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	475	470	95	94	75-125	1	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92529132

QC Batch: 608833	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92529132001

METHOD BLANK: 3206735 Matrix: Water

Associated Lab Samples: 92529132001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	03/24/21 10:50	
1,1,1-Trichloroethane	ug/L	ND	0.50	03/24/21 10:50	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	03/24/21 10:50	
1,1,2-Trichloroethane	ug/L	ND	0.50	03/24/21 10:50	
1,1-Dichloroethane	ug/L	ND	0.50	03/24/21 10:50	
1,1-Dichloroethene	ug/L	ND	0.50	03/24/21 10:50	
1,1-Dichloropropene	ug/L	ND	0.50	03/24/21 10:50	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	03/24/21 10:50	
1,2,3-Trichloropropane	ug/L	ND	0.50	03/24/21 10:50	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	03/24/21 10:50	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	03/24/21 10:50	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	03/24/21 10:50	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	03/24/21 10:50	
1,2-Dichlorobenzene	ug/L	ND	0.50	03/24/21 10:50	
1,2-Dichloroethane	ug/L	ND	0.50	03/24/21 10:50	
1,2-Dichloropropane	ug/L	ND	0.50	03/24/21 10:50	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	03/24/21 10:50	
1,3-Dichlorobenzene	ug/L	ND	0.50	03/24/21 10:50	
1,3-Dichloropropane	ug/L	ND	0.50	03/24/21 10:50	
1,4-Dichlorobenzene	ug/L	ND	0.50	03/24/21 10:50	
2,2-Dichloropropane	ug/L	ND	0.50	03/24/21 10:50	
2-Chlorotoluene	ug/L	ND	0.50	03/24/21 10:50	
4-Chlorotoluene	ug/L	ND	0.50	03/24/21 10:50	
Benzene	ug/L	ND	0.50	03/24/21 10:50	
Bromobenzene	ug/L	ND	0.50	03/24/21 10:50	
Bromochloromethane	ug/L	ND	0.50	03/24/21 10:50	
Bromodichloromethane	ug/L	ND	0.50	03/24/21 10:50	
Bromoform	ug/L	ND	0.50	03/24/21 10:50	
Bromomethane	ug/L	ND	5.0	03/24/21 10:50	
Carbon tetrachloride	ug/L	ND	0.50	03/24/21 10:50	
Chlorobenzene	ug/L	ND	0.50	03/24/21 10:50	
Chloroethane	ug/L	ND	1.0	03/24/21 10:50	
Chloroform	ug/L	ND	0.50	03/24/21 10:50	
Chloromethane	ug/L	ND	1.0	03/24/21 10:50	
cis-1,2-Dichloroethene	ug/L	ND	0.50	03/24/21 10:50	
cis-1,3-Dichloropropene	ug/L	ND	0.50	03/24/21 10:50	
Dibromochloromethane	ug/L	ND	0.50	03/24/21 10:50	
Dibromomethane	ug/L	ND	0.50	03/24/21 10:50	
Dichlorodifluoromethane	ug/L	ND	0.50	03/24/21 10:50	
Diisopropyl ether	ug/L	ND	0.50	03/24/21 10:50	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92529132

METHOD BLANK: 3206735

Matrix: Water

Associated Lab Samples: 92529132001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	03/24/21 10:50	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	03/24/21 10:50	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	03/24/21 10:50	
m&p-Xylene	ug/L	ND	1.0	03/24/21 10:50	
Methyl-tert-butyl ether	ug/L	ND	0.50	03/24/21 10:50	
Methylene Chloride	ug/L	ND	2.0	03/24/21 10:50	
n-Butylbenzene	ug/L	ND	0.50	03/24/21 10:50	
n-Propylbenzene	ug/L	ND	0.50	03/24/21 10:50	
Naphthalene	ug/L	ND	2.0	03/24/21 10:50	
o-Xylene	ug/L	ND	0.50	03/24/21 10:50	
sec-Butylbenzene	ug/L	ND	0.50	03/24/21 10:50	
Styrene	ug/L	ND	0.50	03/24/21 10:50	
tert-Butylbenzene	ug/L	ND	0.50	03/24/21 10:50	
Tetrachloroethene	ug/L	ND	0.50	03/24/21 10:50	
Toluene	ug/L	ND	0.50	03/24/21 10:50	
trans-1,2-Dichloroethene	ug/L	ND	0.50	03/24/21 10:50	
trans-1,3-Dichloropropene	ug/L	ND	0.50	03/24/21 10:50	
Trichloroethene	ug/L	ND	0.50	03/24/21 10:50	
Trichlorofluoromethane	ug/L	ND	1.0	03/24/21 10:50	
Vinyl chloride	ug/L	ND	1.0	03/24/21 10:50	
1,2-Dichloroethane-d4 (S)	%	93	70-130	03/24/21 10:50	
4-Bromofluorobenzene (S)	%	93	70-130	03/24/21 10:50	
Toluene-d8 (S)	%	99	70-130	03/24/21 10:50	

LABORATORY CONTROL SAMPLE: 3206736

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.2	94	60-140	
1,1,1-Trichloroethane	ug/L	50	43.4	87	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	45.0	90	60-140	
1,1,2-Trichloroethane	ug/L	50	47.3	95	60-140	
1,1-Dichloroethane	ug/L	50	42.4	85	60-140	
1,1-Dichloroethene	ug/L	50	44.4	89	60-140	
1,1-Dichloropropene	ug/L	50	43.5	87	60-140	
1,2,3-Trichlorobenzene	ug/L	50	49.1	98	60-140	
1,2,3-Trichloropropane	ug/L	50	47.9	96	60-140	
1,2,4-Trichlorobenzene	ug/L	50	49.4	99	60-140	
1,2,4-Trimethylbenzene	ug/L	50	45.1	90	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	48.0	96	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	46.6	93	60-140	
1,2-Dichlorobenzene	ug/L	50	48.1	96	60-140	
1,2-Dichloroethane	ug/L	50	39.9	80	60-140	
1,2-Dichloropropane	ug/L	50	43.7	87	60-140	
1,3,5-Trimethylbenzene	ug/L	50	44.0	88	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529132

LABORATORY CONTROL SAMPLE: 3206736

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	48.4	97	60-140	
1,3-Dichloropropane	ug/L	50	44.2	88	60-140	
1,4-Dichlorobenzene	ug/L	50	49.0	98	60-140	
2,2-Dichloropropane	ug/L	50	46.2	92	60-140	
2-Chlorotoluene	ug/L	50	44.0	88	60-140	
4-Chlorotoluene	ug/L	50	44.0	88	60-140	
Benzene	ug/L	50	44.9	90	60-140	
Bromobenzene	ug/L	50	45.4	91	60-140	
Bromochloromethane	ug/L	50	48.1	96	60-140	
Bromodichloromethane	ug/L	50	42.3	85	60-140	
Bromoform	ug/L	50	46.5	93	60-140	
Bromomethane	ug/L	50	47.3	95	60-140	
Carbon tetrachloride	ug/L	50	48.2	96	60-140	
Chlorobenzene	ug/L	50	47.9	96	60-140	
Chloroethane	ug/L	50	42.6	85	60-140	
Chloroform	ug/L	50	41.8	84	60-140	
Chloromethane	ug/L	50	40.8	82	60-140	
cis-1,2-Dichloroethene	ug/L	50	41.2	82	60-140	
cis-1,3-Dichloropropene	ug/L	50	46.2	92	60-140	
Dibromochloromethane	ug/L	50	47.6	95	60-140	
Dibromomethane	ug/L	50	48.8	98	60-140	
Dichlorodifluoromethane	ug/L	50	50.4	101	60-140	
Diisopropyl ether	ug/L	50	38.2	76	60-140	
Ethylbenzene	ug/L	50	46.4	93	60-140	
Hexachloro-1,3-butadiene	ug/L	50	46.7	93	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.0	96	60-140	
m&p-Xylene	ug/L	100	93.5	93	60-140	
Methyl-tert-butyl ether	ug/L	50	42.6	85	60-140	
Methylene Chloride	ug/L	50	41.8	84	60-140	
n-Butylbenzene	ug/L	50	46.3	93	60-140	
n-Propylbenzene	ug/L	50	43.9	88	60-140	
Naphthalene	ug/L	50	49.6	99	60-140	
o-Xylene	ug/L	50	46.7	93	60-140	
sec-Butylbenzene	ug/L	50	45.8	92	60-140	
Styrene	ug/L	50	47.7	95	60-140	
tert-Butylbenzene	ug/L	50	38.4	77	60-140	
Tetrachloroethene	ug/L	50	48.9	98	60-140	
Toluene	ug/L	50	47.1	94	60-140	
trans-1,2-Dichloroethene	ug/L	50	42.9	86	60-140	
trans-1,3-Dichloropropene	ug/L	50	45.5	91	60-140	
Trichloroethene	ug/L	50	50.2	100	60-140	
Trichlorofluoromethane	ug/L	50	47.6	95	60-140	
Vinyl chloride	ug/L	50	43.3	87	60-140	
1,2-Dichloroethane-d4 (S)	%			90	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			97	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529132

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3206737			3206738										
Parameter	Units	92528948006		MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Qual
		Result	Conc.	Spike	Spike								
1,1,1,2-Tetrachloroethane	ug/L	ND	250	250	250	248	248	99	99	60-140	0		
1,1,1-Trichloroethane	ug/L	ND	250	250	250	237	235	95	94	60-140	1		
1,1,2,2-Tetrachloroethane	ug/L	ND	250	250	250	226	226	91	90	60-140	0		
1,1,2-Trichloroethane	ug/L	ND	250	250	250	240	246	96	98	60-140	3		
1,1-Dichloroethane	ug/L	ND	250	250	250	230	226	92	90	60-140	2		
1,1-Dichloroethene	ug/L	ND	250	250	250	243	241	97	96	60-140	1		
1,1-Dichloropropene	ug/L	ND	250	250	250	234	232	94	93	60-140	1		
1,2,3-Trichlorobenzene	ug/L	ND	250	250	250	212	230	85	92	60-140	8		
1,2,3-Trichloropropane	ug/L	ND	250	250	250	234	228	94	91	60-140	3		
1,2,4-Trichlorobenzene	ug/L	ND	250	250	250	222	235	89	94	60-140	5		
1,2,4-Trimethylbenzene	ug/L	ND	250	250	250	233	235	91	92	60-140	1		
1,2-Dibromo-3-chloropropane	ug/L	ND	250	250	250	224	224	90	90	60-140	0		
1,2-Dibromoethane (EDB)	ug/L	ND	250	250	250	241	239	96	95	60-140	1		
1,2-Dichlorobenzene	ug/L	ND	250	250	250	235	244	94	98	60-140	4		
1,2-Dichloroethane	ug/L	ND	250	250	250	211	211	83	83	60-140	0		
1,2-Dichloropropane	ug/L	ND	250	250	250	224	234	90	94	60-140	4		
1,3,5-Trimethylbenzene	ug/L	ND	250	250	250	235	240	92	94	60-140	2		
1,3-Dichlorobenzene	ug/L	ND	250	250	250	240	247	96	99	60-140	3		
1,3-Dichloropropane	ug/L	ND	250	250	250	232	231	93	92	60-140	1		
1,4-Dichlorobenzene	ug/L	ND	250	250	250	239	246	96	98	60-140	3		
2,2-Dichloropropane	ug/L	ND	250	250	250	211	205	84	82	60-140	3		
2-Chlorotoluene	ug/L	ND	250	250	250	224	233	90	93	60-140	4		
4-Chlorotoluene	ug/L	ND	250	250	250	222	224	89	89	60-140	1		
Benzene	ug/L	1780	250	250	250	2010	2060	93	110	60-140	2		
Bromobenzene	ug/L	ND	250	250	250	235	242	94	97	60-140	3		
Bromochloromethane	ug/L	ND	250	250	250	248	244	99	98	60-140	2		
Bromodichloromethane	ug/L	ND	250	250	250	224	227	89	91	60-140	1		
Bromoform	ug/L	ND	250	250	250	231	228	92	91	60-140	1		
Bromomethane	ug/L	ND	250	250	250	236	247	94	99	60-140	4		
Carbon tetrachloride	ug/L	ND	250	250	250	266	267	106	107	60-140	0		
Chlorobenzene	ug/L	ND	250	250	250	256	258	103	103	60-140	0		
Chloroethane	ug/L	ND	250	250	250	322	316	129	126	60-140	2		
Chloroform	ug/L	ND	250	250	250	226	225	90	90	60-140	1		
Chloromethane	ug/L	ND	250	250	250	190	205	76	82	60-140	8		
cis-1,2-Dichloroethene	ug/L	ND	250	250	250	222	219	89	88	60-140	1		
cis-1,3-Dichloropropene	ug/L	ND	250	250	250	231	233	92	93	60-140	1		
Dibromochloromethane	ug/L	ND	250	250	250	245	244	98	98	60-140	1		
Dibromomethane	ug/L	ND	250	250	250	263	259	105	104	60-140	1		
Dichlorodifluoromethane	ug/L	ND	250	250	250	252	252	101	101	60-140	0		
Diisopropyl ether	ug/L	8.1	250	250	250	206	204	79	78	60-140	1		
Ethylbenzene	ug/L	9.6	250	250	250	259	260	100	100	60-140	1		
Hexachloro-1,3-butadiene	ug/L	ND	250	250	250	231	241	92	96	60-140	4		
Isopropylbenzene (Cumene)	ug/L	18.7	250	250	250	276	278	103	104	60-140	1		
m&p-Xylene	ug/L	ND	500	500	500	505	507	99	100	60-140	0		
Methyl-tert-butyl ether	ug/L	84.7	250	250	250	301	299	86	86	60-140	0		
Methylene Chloride	ug/L	ND	250	250	250	223	222	89	89	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

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529132

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3206737 3206738											
Parameter	Units	92528948006		MS	MSD	MS		MSD	% Rec		Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
n-Butylbenzene	ug/L	ND	250	250	250	232	239	90	93	60-140	3
n-Propylbenzene	ug/L	12.3	250	250	250	242	245	92	93	60-140	2
Naphthalene	ug/L	ND	250	250	250	215	225	77	81	60-140	4
o-Xylene	ug/L	ND	250	250	250	250	251	99	100	60-140	1
sec-Butylbenzene	ug/L	ND	250	250	250	243	252	97	101	60-140	4
Styrene	ug/L	ND	250	250	250	238	239	95	96	60-140	0
tert-Butylbenzene	ug/L	ND	250	250	250	205	210	82	84	60-140	3
Tetrachloroethene	ug/L	ND	250	250	250	262	256	105	103	60-140	2
Toluene	ug/L	8.7	250	250	250	266	264	103	102	60-140	1
trans-1,2-Dichloroethene	ug/L	ND	250	250	250	230	227	92	91	60-140	1
trans-1,3-Dichloropropene	ug/L	ND	250	250	250	224	227	90	91	60-140	1
Trichloroethene	ug/L	ND	250	250	250	273	275	109	110	60-140	1
Trichlorofluoromethane	ug/L	ND	250	250	250	320	317	128	127	60-140	1
Vinyl chloride	ug/L	ND	250	250	250	222	223	89	89	60-140	0
1,2-Dichloroethane-d4 (S)	%							93	92	70-130	
4-Bromofluorobenzene (S)	%							97	96	70-130	
Toluene-d8 (S)	%							97	98	70-130	

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

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92529132

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92529132

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92529132001	13926A_HC_RD_20210323	MADEP VPH	608585		
92529132001	13926A_HC_RD_20210323	EPA 3010A	608728	EPA 6010D	608748
92529132001	13926A_HC_RD_20210323	SM 6200B	608833		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

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

Billing Information:

Company: Apex Companies
Address:

Report To: Andrew Street
Copy To:

Contai

MO#: 92529132
92529132

Number or

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) fmc 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:

Customer Project Name/Number: 2020-4-2448 Incident

Site/Facility ID #: NC 1 Huntersville

Phone: 704-244-1111

Collected By (print): Naam Feltz

Collected By (signature): Naam Feltz

Sample Disposal: [] Same Day [] Next Day [] 2 Day [] 3 Day [] 4 Day [] 5 Day [] Archive: [] Hold:

Turnaround Date Required: ASAP

Field Filtered (if applicable): [] Yes [] No

Analysis: [] Yes [] No

DW PWS ID #: [] Yes [] No

DW Location Code: [] Yes [] No

Immediately Packed on Ice: [] Yes [] No

Compliance Monitoring: [] Yes [] No

Time Zone Collected: [] PT [] MT [] CT [] ET

Time Zone Collected: [] PT [] MT [] CT [] ET

Time Zone Collected: [] PT [] MT [] CT [] ET

DOCS 62003
MADEP VPH
Lead

92529132

OC1

LAB USE ONLY:
Lab Sample # / Comments:

Lab Sample # / Comments:

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Lab Sample # / Comments:

Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

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

Lab Sample Temperature Info:

Packing Material Used:

None

Lab Tracking #:

2615878

Temp Blank Received: Y NA

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

Samples received via:

Client

Therm ID#: 22104

Received by/Company: (Signature)

Received by/Company: (Signature)

Received by/Company: (Signature)

Cooler 1 Temp Upon Receipt: 2.0 oc

Received by/Company: (Signature)

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Cooler 1 Temp Upon Receipt: 2.0 oc

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Received by/Company: (Signature)

Cooler 1 Temp Upon Receipt: 2.0 oc

*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#: 92529132

PM: AMB

Due Date: 03/30/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic 2N Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-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)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1						15										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).

March 26, 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.: 92529142

Dear Andrew Street:

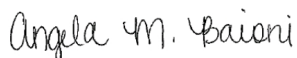
Enclosed are the analytical results for sample(s) received by the laboratory on March 23, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise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

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

- Pace Analytical Services - 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

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92529142

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92529142

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92529142001	13800_HC_RD_20210323	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

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92529142

Sample: 13800_HC_RD_20210323		Lab ID: 92529142001		Collected: 03/23/21 08:00		Received: 03/23/21 12:52		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		03/23/21 17:32		N2
Aliphatic (C09-C12)		ND	ug/L	50.0	1		03/23/21 17:32		N2
Aliphatic(C09-C12) Adjusted		ND	ug/L	50.0	1		03/23/21 17:32		N2
Aromatic (C09-C10)		ND	ug/L	50.0	1		03/23/21 17:32		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)		98	%	70-130	1		03/23/21 17:32	460-00-4	
4-Bromofluorobenzene (PID) (S)		90	%	70-130	1		03/23/21 17:32	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A							
		Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	03/24/21 02:03	03/25/21 01:22	7439-92-1		
6200B MSV		Analytical Method: SM 6200B							
		Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		03/25/21 03:22	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/25/21 03:22	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		03/25/21 03:22	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/25/21 03:22	75-27-4		
Bromoform	ND	ug/L	0.50	1		03/25/21 03:22	75-25-2		
Bromomethane	ND	ug/L	5.0	1		03/25/21 03:22	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		03/25/21 03:22	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		03/25/21 03:22	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		03/25/21 03:22	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/25/21 03:22	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/25/21 03:22	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/25/21 03:22	75-00-3		
Chloroform	ND	ug/L	0.50	1		03/25/21 03:22	67-66-3		
Chloromethane	ND	ug/L	1.0	1		03/25/21 03:22	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/25/21 03:22	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		03/25/21 03:22	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		03/25/21 03:22	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/25/21 03:22	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/25/21 03:22	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		03/25/21 03:22	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/25/21 03:22	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/25/21 03:22	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/25/21 03:22	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		03/25/21 03:22	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/25/21 03:22	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/25/21 03:22	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/25/21 03:22	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/25/21 03:22	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/25/21 03:22	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		03/25/21 03:22	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/25/21 03:22	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		03/25/21 03:22	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92529142

Sample: 13800_HC_RD_20210323		Lab ID: 92529142001		Collected: 03/23/21 08:00		Received: 03/23/21 12:52		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		03/25/21 03:22	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/25/21 03:22	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/25/21 03:22	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		03/25/21 03:22	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		03/25/21 03:22	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		03/25/21 03:22	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/25/21 03:22	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		03/25/21 03:22	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/25/21 03:22	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		03/25/21 03:22	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/25/21 03:22	103-65-1		
Styrene	ND	ug/L	0.50	1		03/25/21 03:22	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/25/21 03:22	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/25/21 03:22	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		03/25/21 03:22	127-18-4		
Toluene	ND	ug/L	0.50	1		03/25/21 03:22	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		03/25/21 03:22	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		03/25/21 03:22	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/25/21 03:22	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/25/21 03:22	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		03/25/21 03:22	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		03/25/21 03:22	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		03/25/21 03:22	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/25/21 03:22	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/25/21 03:22	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		03/25/21 03:22	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		03/25/21 03:22	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/25/21 03:22	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	70-130	1		03/25/21 03:22	17060-07-0		
4-Bromofluorobenzene (S)	92	%	70-130	1		03/25/21 03:22	460-00-4		
Toluene-d8 (S)	98	%	70-130	1		03/25/21 03:22	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529142

QC Batch: 608585

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92529142001

METHOD BLANK: 3205693

Matrix: Water

Associated Lab Samples: 92529142001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	03/23/21 14:12	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	03/23/21 14:12	N2
Aromatic (C09-C10)	ug/L	ND	50.0	03/23/21 14:12	N2
4-Bromofluorobenzene (FID) (S)	%	106	70-130	03/23/21 14:12	
4-Bromofluorobenzene (PID) (S)	%	98	70-130	03/23/21 14:12	

LABORATORY CONTROL SAMPLE & LCSD: 3205694

3205695

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	335	331	112	110	70-130	1	25	N2
Aliphatic (C09-C12)	ug/L	300	330	335	110	112	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	96.6	103	97	103	70-130	6	25	N2
4-Bromofluorobenzene (FID) (S)	%				107	104	70-130			
4-Bromofluorobenzene (PID) (S)	%				98	92	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92529142

QC Batch: 608729	Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A	Analysis Description: 6010 MET
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92529142001

METHOD BLANK: 3206422 Matrix: Water
Associated Lab Samples: 92529142001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	03/25/21 00:04	

LABORATORY CONTROL SAMPLE: 3206423

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	490	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3206424 3206425

Parameter	Units	92527185015 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	471	471	94	94	75-125	0	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92529142

QC Batch: 608908	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92529142001

METHOD BLANK: 3207157 Matrix: Water

Associated Lab Samples: 92529142001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,1,1-Trichloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,1,2-Trichloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,1-Dichloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,1-Dichloroethene	ug/L	ND	0.50	03/24/21 23:28	
1,1-Dichloropropene	ug/L	ND	0.50	03/24/21 23:28	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	03/24/21 23:28	
1,2,3-Trichloropropane	ug/L	ND	0.50	03/24/21 23:28	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	03/24/21 23:28	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	03/24/21 23:28	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	03/24/21 23:28	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	03/24/21 23:28	
1,2-Dichlorobenzene	ug/L	ND	0.50	03/24/21 23:28	
1,2-Dichloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,2-Dichloropropane	ug/L	ND	0.50	03/24/21 23:28	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	03/24/21 23:28	
1,3-Dichlorobenzene	ug/L	ND	0.50	03/24/21 23:28	
1,3-Dichloropropane	ug/L	ND	0.50	03/24/21 23:28	
1,4-Dichlorobenzene	ug/L	ND	0.50	03/24/21 23:28	
2,2-Dichloropropane	ug/L	ND	0.50	03/24/21 23:28	
2-Chlorotoluene	ug/L	ND	0.50	03/24/21 23:28	
4-Chlorotoluene	ug/L	ND	0.50	03/24/21 23:28	
Benzene	ug/L	ND	0.50	03/24/21 23:28	
Bromobenzene	ug/L	ND	0.50	03/24/21 23:28	
Bromochloromethane	ug/L	ND	0.50	03/24/21 23:28	
Bromodichloromethane	ug/L	ND	0.50	03/24/21 23:28	
Bromoform	ug/L	ND	0.50	03/24/21 23:28	
Bromomethane	ug/L	ND	5.0	03/24/21 23:28	
Carbon tetrachloride	ug/L	ND	0.50	03/24/21 23:28	
Chlorobenzene	ug/L	ND	0.50	03/24/21 23:28	
Chloroethane	ug/L	ND	1.0	03/24/21 23:28	
Chloroform	ug/L	ND	0.50	03/24/21 23:28	
Chloromethane	ug/L	ND	1.0	03/24/21 23:28	
cis-1,2-Dichloroethene	ug/L	ND	0.50	03/24/21 23:28	
cis-1,3-Dichloropropene	ug/L	ND	0.50	03/24/21 23:28	
Dibromochloromethane	ug/L	ND	0.50	03/24/21 23:28	
Dibromomethane	ug/L	ND	0.50	03/24/21 23:28	
Dichlorodifluoromethane	ug/L	ND	0.50	03/24/21 23:28	
Diisopropyl ether	ug/L	ND	0.50	03/24/21 23:28	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529142

METHOD BLANK: 3207157

Matrix: Water

Associated Lab Samples: 92529142001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	03/24/21 23:28	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	03/24/21 23:28	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	03/24/21 23:28	
m&p-Xylene	ug/L	ND	1.0	03/24/21 23:28	
Methyl-tert-butyl ether	ug/L	ND	0.50	03/24/21 23:28	
Methylene Chloride	ug/L	ND	2.0	03/24/21 23:28	
n-Butylbenzene	ug/L	ND	0.50	03/24/21 23:28	
n-Propylbenzene	ug/L	ND	0.50	03/24/21 23:28	
Naphthalene	ug/L	ND	2.0	03/24/21 23:28	
o-Xylene	ug/L	ND	0.50	03/24/21 23:28	
sec-Butylbenzene	ug/L	ND	0.50	03/24/21 23:28	
Styrene	ug/L	ND	0.50	03/24/21 23:28	
tert-Butylbenzene	ug/L	ND	0.50	03/24/21 23:28	
Tetrachloroethene	ug/L	ND	0.50	03/24/21 23:28	
Toluene	ug/L	ND	0.50	03/24/21 23:28	
trans-1,2-Dichloroethene	ug/L	ND	0.50	03/24/21 23:28	
trans-1,3-Dichloropropene	ug/L	ND	0.50	03/24/21 23:28	
Trichloroethene	ug/L	ND	0.50	03/24/21 23:28	
Trichlorofluoromethane	ug/L	ND	1.0	03/24/21 23:28	
Vinyl chloride	ug/L	ND	1.0	03/24/21 23:28	
1,2-Dichloroethane-d4 (S)	%	93	70-130	03/24/21 23:28	
4-Bromofluorobenzene (S)	%	92	70-130	03/24/21 23:28	
Toluene-d8 (S)	%	99	70-130	03/24/21 23:28	

LABORATORY CONTROL SAMPLE: 3207158

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.2	94	60-140	
1,1,1-Trichloroethane	ug/L	50	41.9	84	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	45.2	90	60-140	
1,1,2-Trichloroethane	ug/L	50	46.4	93	60-140	
1,1-Dichloroethane	ug/L	50	41.2	82	60-140	
1,1-Dichloroethene	ug/L	50	42.6	85	60-140	
1,1-Dichloropropene	ug/L	50	42.1	84	60-140	
1,2,3-Trichlorobenzene	ug/L	50	49.1	98	60-140	
1,2,3-Trichloropropane	ug/L	50	46.5	93	60-140	
1,2,4-Trichlorobenzene	ug/L	50	49.7	99	60-140	
1,2,4-Trimethylbenzene	ug/L	50	44.0	88	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	47.5	95	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	46.7	93	60-140	
1,2-Dichlorobenzene	ug/L	50	48.7	97	60-140	
1,2-Dichloroethane	ug/L	50	39.4	79	60-140	
1,2-Dichloropropane	ug/L	50	42.3	85	60-140	
1,3,5-Trimethylbenzene	ug/L	50	44.2	88	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529142

LABORATORY CONTROL SAMPLE: 3207158

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	44.5	89	60-140	
1,4-Dichlorobenzene	ug/L	50	49.6	99	60-140	
2,2-Dichloropropane	ug/L	50	43.9	88	60-140	
2-Chlorotoluene	ug/L	50	44.0	88	60-140	
4-Chlorotoluene	ug/L	50	44.2	88	60-140	
Benzene	ug/L	50	43.9	88	60-140	
Bromobenzene	ug/L	50	45.6	91	60-140	
Bromochloromethane	ug/L	50	47.6	95	60-140	
Bromodichloromethane	ug/L	50	41.9	84	60-140	
Bromoform	ug/L	50	46.5	93	60-140	
Bromomethane	ug/L	50	49.0	98	60-140	
Carbon tetrachloride	ug/L	50	46.9	94	60-140	
Chlorobenzene	ug/L	50	48.2	96	60-140	
Chloroethane	ug/L	50	42.5	85	60-140	
Chloroform	ug/L	50	41.1	82	60-140	
Chloromethane	ug/L	50	37.3	75	60-140	
cis-1,2-Dichloroethene	ug/L	50	40.9	82	60-140	
cis-1,3-Dichloropropene	ug/L	50	45.2	90	60-140	
Dibromochloromethane	ug/L	50	47.9	96	60-140	
Dibromomethane	ug/L	50	49.8	100	60-140	
Dichlorodifluoromethane	ug/L	50	45.0	90	60-140	
Diisopropyl ether	ug/L	50	37.3	75	60-140	
Ethylbenzene	ug/L	50	45.8	92	60-140	
Hexachloro-1,3-butadiene	ug/L	50	45.8	92	60-140	
Isopropylbenzene (Cumene)	ug/L	50	47.6	95	60-140	
m&p-Xylene	ug/L	100	92.6	93	60-140	
Methyl-tert-butyl ether	ug/L	50	41.6	83	60-140	
Methylene Chloride	ug/L	50	41.3	83	60-140	
n-Butylbenzene	ug/L	50	45.3	91	60-140	
n-Propylbenzene	ug/L	50	43.5	87	60-140	
Naphthalene	ug/L	50	49.5	99	60-140	
o-Xylene	ug/L	50	46.7	93	60-140	
sec-Butylbenzene	ug/L	50	45.4	91	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	47.1	94	60-140	
Toluene	ug/L	50	46.1	92	60-140	
trans-1,2-Dichloroethene	ug/L	50	41.5	83	60-140	
trans-1,3-Dichloropropene	ug/L	50	44.6	89	60-140	
Trichloroethene	ug/L	50	49.2	98	60-140	
Trichlorofluoromethane	ug/L	50	46.8	94	60-140	
Vinyl chloride	ug/L	50	40.7	81	60-140	
1,2-Dichloroethane-d4 (S)	%			86	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			96	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529142

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3207159 3207160											
Parameter	Units	92528789001		MS	MSD	MS		MSD	% Rec		Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
1,1,1,2-Tetrachloroethane	ug/L	ND	400	400	400	397	395	99	99	60-140	1
1,1,1-Trichloroethane	ug/L	ND	400	400	400	373	373	93	93	60-140	0
1,1,2,2-Tetrachloroethane	ug/L	ND	400	400	400	376	371	94	93	60-140	1
1,1,2-Trichloroethane	ug/L	ND	400	400	400	396	382	99	96	60-140	4
1,1-Dichloroethane	ug/L	ND	400	400	400	354	357	89	89	60-140	1
1,1-Dichloroethene	ug/L	ND	400	400	400	383	384	96	96	60-140	0
1,1-Dichloropropene	ug/L	ND	400	400	400	372	367	93	92	60-140	1
1,2,3-Trichlorobenzene	ug/L	ND	400	400	400	343	370	86	93	60-140	8
1,2,3-Trichloropropane	ug/L	ND	400	400	400	391	389	98	97	60-140	1
1,2,4-Trichlorobenzene	ug/L	ND	400	400	400	358	375	89	94	60-140	5
1,2,4-Trimethylbenzene	ug/L	1660	400	400	400	1960	2040	74	95	60-140	4
1,2-Dibromo-3-chloropropane	ug/L	ND	400	400	400	361	368	90	92	60-140	2
1,2-Dibromoethane (EDB)	ug/L	ND	400	400	400	378	383	95	96	60-140	1
1,2-Dichlorobenzene	ug/L	ND	400	400	400	380	388	95	97	60-140	2
1,2-Dichloroethane	ug/L	ND	400	400	400	333	333	83	83	60-140	0
1,2-Dichloropropane	ug/L	ND	400	400	400	366	354	91	88	60-140	3
1,3,5-Trimethylbenzene	ug/L	ND	400	400	400	798	825	200	206	60-140	3 M1
1,3-Dichlorobenzene	ug/L	ND	400	400	400	385	389	96	97	60-140	1
1,3-Dichloropropane	ug/L	ND	400	400	400	370	365	92	91	60-140	1
1,4-Dichlorobenzene	ug/L	ND	400	400	400	381	394	95	99	60-140	3
2,2-Dichloropropane	ug/L	ND	400	400	400	297	292	74	73	60-140	2
2-Chlorotoluene	ug/L	ND	400	400	400	425	401	106	100	60-140	6
4-Chlorotoluene	ug/L	ND	400	400	400	349	357	87	89	60-140	2
Benzene	ug/L	428	400	400	400	806	811	94	96	60-140	1
Bromobenzene	ug/L	ND	400	400	400	374	374	94	94	60-140	0
Bromochloromethane	ug/L	ND	400	400	400	390	394	97	98	60-140	1
Bromodichloromethane	ug/L	ND	400	400	400	356	349	89	87	60-140	2
Bromoform	ug/L	ND	400	400	400	377	374	94	94	60-140	1
Bromomethane	ug/L	ND	400	400	400	415	410	104	102	60-140	1
Carbon tetrachloride	ug/L	ND	400	400	400	426	423	106	106	60-140	1
Chlorobenzene	ug/L	ND	400	400	400	406	405	102	101	60-140	0
Chloroethane	ug/L	ND	400	400	400	506	490	127	122	60-140	3
Chloroform	ug/L	ND	400	400	400	356	351	88	87	60-140	1
Chloromethane	ug/L	ND	400	400	400	290	309	72	77	60-140	7
cis-1,2-Dichloroethene	ug/L	ND	400	400	400	351	350	88	87	60-140	0
cis-1,3-Dichloropropene	ug/L	ND	400	400	400	361	352	90	88	60-140	3
Dibromochloromethane	ug/L	ND	400	400	400	385	385	96	96	60-140	0
Dibromomethane	ug/L	ND	400	400	400	420	416	105	104	60-140	1
Dichlorodifluoromethane	ug/L	ND	400	400	400	383	399	96	100	60-140	4
Diisopropyl ether	ug/L	ND	400	400	400	309	310	77	78	60-140	0
Ethylbenzene	ug/L	1240	400	400	400	1640	1670	101	110	60-140	2
Hexachloro-1,3-butadiene	ug/L	ND	400	400	400	355	369	89	92	60-140	4
Isopropylbenzene (Cumene)	ug/L	78.5	400	400	400	494	490	104	103	60-140	1
m&p-Xylene	ug/L	3450	800	800	800	4220	4290	97	105	60-140	2
Methyl-tert-butyl ether	ug/L	ND	400	400	400	341	349	85	87	60-140	2
Methylene Chloride	ug/L	ND	400	400	400	350	352	87	88	60-140	1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529142

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3207159 3207160											
Parameter	Units	92528789001		MS	MSD	MS	MSD	MS	MSD	% Rec	RPD
		Result	Conc.	Spike	Spike						
				Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	Qual
n-Butylbenzene	ug/L	ND	400	400	400	412	419	103	105	60-140	2
n-Propylbenzene	ug/L	ND	400	400	400	546	560	137	140	60-140	3
Naphthalene	ug/L	396	400	400	400	731	807	84	103	60-140	10
o-Xylene	ug/L	2480	400	400	400	2880	2930	101	114	60-140	2
sec-Butylbenzene	ug/L	ND	400	400	400	379	385	95	96	60-140	2
Styrene	ug/L	ND	400	400	400	403	402	101	100	60-140	0
tert-Butylbenzene	ug/L	ND	400	400	400	322	330	80	82	60-140	2
Tetrachloroethene	ug/L	ND	400	400	400	397	413	99	103	60-140	4
Toluene	ug/L	635	400	400	400	1040	1030	101	99	60-140	1
trans-1,2-Dichloroethene	ug/L	ND	400	400	400	360	356	90	89	60-140	1
trans-1,3-Dichloropropene	ug/L	ND	400	400	400	357	341	89	85	60-140	5
Trichloroethene	ug/L	ND	400	400	400	430	428	107	107	60-140	0
Trichlorofluoromethane	ug/L	ND	400	400	400	512	501	128	125	60-140	2
Vinyl chloride	ug/L	ND	400	400	400	354	356	88	89	60-140	1
1,2-Dichloroethane-d4 (S)	%							94	93	70-130	
4-Bromofluorobenzene (S)	%							99	98	70-130	
Toluene-d8 (S)	%							98	96	70-130	

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92529142

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92529142

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92529142001	13800_HC_RD_20210323	MADEP VPH	608585		
92529142001	13800_HC_RD_20210323	EPA 3010A	608729	EPA 6010D	608750
92529142001	13800_HC_RD_20210323	SM 6200B	608908		

REPORT OF LABORATORY ANALYSIS

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Sample Receiving Non-Conformance Form (NCF)

Date: 3-23-21	Evaluated by: Sample Rec / HVL
Client: Apex companies	

Aff W	WO#: 92529142	se r
PM: AMB	Due Date: 03/30/21	
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:

Samples labeled as 13800-HC-RD-20210323 but COC reads
14401-HC-RD-20210323

3. Sample integrity issues: check applicable issues below and add details where appropriate:

☐ Samples: Past holding time	☐ Samples: Condition needs to be brought to lab personnel's attention (details below)	☐ Preservation: Improper
☐ Samples: Not field filtered	☐ Containers: Broken or compromised	☐ Temperature: not within acceptance criteria (typically 0-6C)
☐ Samples: Insufficient volume received	☐ Containers: Incorrect	☐ Temperature: Samples arrived frozen
☐ Samples: Cooler damaged or compromised	☐ Custody Seals: Missing or compromised on samples, trip blanks or coolers	☐ Vials received with improper headspace
☐ Samples: contain chlorine or sulfides	☐ Packing Material: Insufficient/Improper	☐ Other:

Comments/Details:

4. If Samples not preserved properly and Sample Receiving adjusts pH, add details below:

Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:

5. Client Contact: If client is contacted for any issue listed above, fill in details below:

Client: Apex Co.	Contacted per: email 3-23-21
PM Initials: AMB	Date/Time: 3-23-21 @ 1400

Client Comments/Instructions:

The correct sample ID is 13800-HC-RD per the containers.

March 26, 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.: 92529145

Dear Andrew Street:

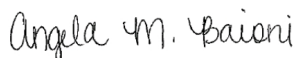
Enclosed are the analytical results for sample(s) received by the laboratory on March 23, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise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

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

- Pace Analytical Services - 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

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92529145

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92529145

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92529145001	14401_HC_RD_20210323	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

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92529145

Sample: 14401_HC_RD_20210323		Lab ID: 92529145001		Collected: 03/23/21 09:30		Received: 03/23/21 12:52		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			03/23/21 18:00		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	1			03/23/21 18:00		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1			03/23/21 18:00		N2
Aromatic (C09-C10)	ND	ug/L	50.0	1			03/23/21 18:00		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	108	%	70-130	1			03/23/21 18:00	460-00-4	
4-Bromofluorobenzene (PID) (S)	99	%	70-130	1			03/23/21 18:00	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A							
		Pace Analytical Services - Asheville							
Lead	5.5	ug/L	5.0	1		03/24/21 02:03	03/25/21 01:25	7439-92-1	
6200B MSV		Analytical Method: SM 6200B							
		Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1			03/25/21 03:40	71-43-2	
Bromobenzene	ND	ug/L	0.50	1			03/25/21 03:40	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1			03/25/21 03:40	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1			03/25/21 03:40	75-27-4	
Bromoform	ND	ug/L	0.50	1			03/25/21 03:40	75-25-2	
Bromomethane	ND	ug/L	5.0	1			03/25/21 03:40	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1			03/25/21 03:40	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1			03/25/21 03:40	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1			03/25/21 03:40	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1			03/25/21 03:40	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1			03/25/21 03:40	108-90-7	
Chloroethane	ND	ug/L	1.0	1			03/25/21 03:40	75-00-3	
Chloroform	ND	ug/L	0.50	1			03/25/21 03:40	67-66-3	
Chloromethane	ND	ug/L	1.0	1			03/25/21 03:40	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1			03/25/21 03:40	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1			03/25/21 03:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1			03/25/21 03:40	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1			03/25/21 03:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1			03/25/21 03:40	106-93-4	
Dibromomethane	ND	ug/L	0.50	1			03/25/21 03:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1			03/25/21 03:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1			03/25/21 03:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1			03/25/21 03:40	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1			03/25/21 03:40	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1			03/25/21 03:40	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1			03/25/21 03:40	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1			03/25/21 03:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1			03/25/21 03:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1			03/25/21 03:40	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1			03/25/21 03:40	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1			03/25/21 03:40	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1			03/25/21 03:40	594-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92529145

Sample: 14401_HC_RD_20210323		Lab ID: 92529145001		Collected: 03/23/21 09:30		Received: 03/23/21 12:52		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		03/25/21 03:40	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/25/21 03:40	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/25/21 03:40	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		03/25/21 03:40	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		03/25/21 03:40	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		03/25/21 03:40	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/25/21 03:40	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		03/25/21 03:40	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/25/21 03:40	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		03/25/21 03:40	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/25/21 03:40	103-65-1		
Styrene	ND	ug/L	0.50	1		03/25/21 03:40	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/25/21 03:40	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/25/21 03:40	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		03/25/21 03:40	127-18-4		
Toluene	ND	ug/L	0.50	1		03/25/21 03:40	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		03/25/21 03:40	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		03/25/21 03:40	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/25/21 03:40	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/25/21 03:40	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		03/25/21 03:40	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		03/25/21 03:40	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		03/25/21 03:40	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/25/21 03:40	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/25/21 03:40	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		03/25/21 03:40	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		03/25/21 03:40	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/25/21 03:40	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%	70-130	1		03/25/21 03:40	17060-07-0		
4-Bromofluorobenzene (S)	92	%	70-130	1		03/25/21 03:40	460-00-4		
Toluene-d8 (S)	99	%	70-130	1		03/25/21 03:40	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529145

QC Batch:	608585	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92529145001

METHOD BLANK: 3205693 Matrix: Water

Associated Lab Samples: 92529145001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	03/23/21 14:12	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	03/23/21 14:12	N2
Aromatic (C09-C10)	ug/L	ND	50.0	03/23/21 14:12	N2
4-Bromofluorobenzene (FID) (S)	%	106	70-130	03/23/21 14:12	
4-Bromofluorobenzene (PID) (S)	%	98	70-130	03/23/21 14:12	

LABORATORY CONTROL SAMPLE & LCSD: 3205694

		3205695								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	335	331	112	110	70-130	1	25	N2
Aliphatic (C09-C12)	ug/L	300	330	335	110	112	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	96.6	103	97	103	70-130	6	25	N2
4-Bromofluorobenzene (FID) (S)	%				107	104	70-130			
4-Bromofluorobenzene (PID) (S)	%				98	92	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529145

QC Batch: 608729

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92529145001

METHOD BLANK: 3206422

Matrix: Water

Associated Lab Samples: 92529145001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	03/25/21 00:04	

LABORATORY CONTROL SAMPLE: 3206423

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	490	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3206424 3206425

Parameter	Units	92527185015 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	471	471	94	94	75-125	0	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92529145

QC Batch: 608908	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92529145001

METHOD BLANK: 3207157 Matrix: Water

Associated Lab Samples: 92529145001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,1,1-Trichloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,1,2-Trichloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,1-Dichloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,1-Dichloroethene	ug/L	ND	0.50	03/24/21 23:28	
1,1-Dichloropropene	ug/L	ND	0.50	03/24/21 23:28	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	03/24/21 23:28	
1,2,3-Trichloropropane	ug/L	ND	0.50	03/24/21 23:28	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	03/24/21 23:28	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	03/24/21 23:28	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	03/24/21 23:28	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	03/24/21 23:28	
1,2-Dichlorobenzene	ug/L	ND	0.50	03/24/21 23:28	
1,2-Dichloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,2-Dichloropropane	ug/L	ND	0.50	03/24/21 23:28	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	03/24/21 23:28	
1,3-Dichlorobenzene	ug/L	ND	0.50	03/24/21 23:28	
1,3-Dichloropropane	ug/L	ND	0.50	03/24/21 23:28	
1,4-Dichlorobenzene	ug/L	ND	0.50	03/24/21 23:28	
2,2-Dichloropropane	ug/L	ND	0.50	03/24/21 23:28	
2-Chlorotoluene	ug/L	ND	0.50	03/24/21 23:28	
4-Chlorotoluene	ug/L	ND	0.50	03/24/21 23:28	
Benzene	ug/L	ND	0.50	03/24/21 23:28	
Bromobenzene	ug/L	ND	0.50	03/24/21 23:28	
Bromochloromethane	ug/L	ND	0.50	03/24/21 23:28	
Bromodichloromethane	ug/L	ND	0.50	03/24/21 23:28	
Bromoform	ug/L	ND	0.50	03/24/21 23:28	
Bromomethane	ug/L	ND	5.0	03/24/21 23:28	
Carbon tetrachloride	ug/L	ND	0.50	03/24/21 23:28	
Chlorobenzene	ug/L	ND	0.50	03/24/21 23:28	
Chloroethane	ug/L	ND	1.0	03/24/21 23:28	
Chloroform	ug/L	ND	0.50	03/24/21 23:28	
Chloromethane	ug/L	ND	1.0	03/24/21 23:28	
cis-1,2-Dichloroethene	ug/L	ND	0.50	03/24/21 23:28	
cis-1,3-Dichloropropene	ug/L	ND	0.50	03/24/21 23:28	
Dibromochloromethane	ug/L	ND	0.50	03/24/21 23:28	
Dibromomethane	ug/L	ND	0.50	03/24/21 23:28	
Dichlorodifluoromethane	ug/L	ND	0.50	03/24/21 23:28	
Diisopropyl ether	ug/L	ND	0.50	03/24/21 23:28	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92529145

METHOD BLANK: 3207157

Matrix: Water

Associated Lab Samples: 92529145001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	03/24/21 23:28	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	03/24/21 23:28	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	03/24/21 23:28	
m&p-Xylene	ug/L	ND	1.0	03/24/21 23:28	
Methyl-tert-butyl ether	ug/L	ND	0.50	03/24/21 23:28	
Methylene Chloride	ug/L	ND	2.0	03/24/21 23:28	
n-Butylbenzene	ug/L	ND	0.50	03/24/21 23:28	
n-Propylbenzene	ug/L	ND	0.50	03/24/21 23:28	
Naphthalene	ug/L	ND	2.0	03/24/21 23:28	
o-Xylene	ug/L	ND	0.50	03/24/21 23:28	
sec-Butylbenzene	ug/L	ND	0.50	03/24/21 23:28	
Styrene	ug/L	ND	0.50	03/24/21 23:28	
tert-Butylbenzene	ug/L	ND	0.50	03/24/21 23:28	
Tetrachloroethene	ug/L	ND	0.50	03/24/21 23:28	
Toluene	ug/L	ND	0.50	03/24/21 23:28	
trans-1,2-Dichloroethene	ug/L	ND	0.50	03/24/21 23:28	
trans-1,3-Dichloropropene	ug/L	ND	0.50	03/24/21 23:28	
Trichloroethene	ug/L	ND	0.50	03/24/21 23:28	
Trichlorofluoromethane	ug/L	ND	1.0	03/24/21 23:28	
Vinyl chloride	ug/L	ND	1.0	03/24/21 23:28	
1,2-Dichloroethane-d4 (S)	%	93	70-130	03/24/21 23:28	
4-Bromofluorobenzene (S)	%	92	70-130	03/24/21 23:28	
Toluene-d8 (S)	%	99	70-130	03/24/21 23:28	

LABORATORY CONTROL SAMPLE: 3207158

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.2	94	60-140	
1,1,1-Trichloroethane	ug/L	50	41.9	84	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	45.2	90	60-140	
1,1,2-Trichloroethane	ug/L	50	46.4	93	60-140	
1,1-Dichloroethane	ug/L	50	41.2	82	60-140	
1,1-Dichloroethene	ug/L	50	42.6	85	60-140	
1,1-Dichloropropene	ug/L	50	42.1	84	60-140	
1,2,3-Trichlorobenzene	ug/L	50	49.1	98	60-140	
1,2,3-Trichloropropane	ug/L	50	46.5	93	60-140	
1,2,4-Trichlorobenzene	ug/L	50	49.7	99	60-140	
1,2,4-Trimethylbenzene	ug/L	50	44.0	88	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	47.5	95	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	46.7	93	60-140	
1,2-Dichlorobenzene	ug/L	50	48.7	97	60-140	
1,2-Dichloroethane	ug/L	50	39.4	79	60-140	
1,2-Dichloropropane	ug/L	50	42.3	85	60-140	
1,3,5-Trimethylbenzene	ug/L	50	44.2	88	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529145

LABORATORY CONTROL SAMPLE: 3207158

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	44.5	89	60-140	
1,4-Dichlorobenzene	ug/L	50	49.6	99	60-140	
2,2-Dichloropropane	ug/L	50	43.9	88	60-140	
2-Chlorotoluene	ug/L	50	44.0	88	60-140	
4-Chlorotoluene	ug/L	50	44.2	88	60-140	
Benzene	ug/L	50	43.9	88	60-140	
Bromobenzene	ug/L	50	45.6	91	60-140	
Bromochloromethane	ug/L	50	47.6	95	60-140	
Bromodichloromethane	ug/L	50	41.9	84	60-140	
Bromoform	ug/L	50	46.5	93	60-140	
Bromomethane	ug/L	50	49.0	98	60-140	
Carbon tetrachloride	ug/L	50	46.9	94	60-140	
Chlorobenzene	ug/L	50	48.2	96	60-140	
Chloroethane	ug/L	50	42.5	85	60-140	
Chloroform	ug/L	50	41.1	82	60-140	
Chloromethane	ug/L	50	37.3	75	60-140	
cis-1,2-Dichloroethene	ug/L	50	40.9	82	60-140	
cis-1,3-Dichloropropene	ug/L	50	45.2	90	60-140	
Dibromochloromethane	ug/L	50	47.9	96	60-140	
Dibromomethane	ug/L	50	49.8	100	60-140	
Dichlorodifluoromethane	ug/L	50	45.0	90	60-140	
Diisopropyl ether	ug/L	50	37.3	75	60-140	
Ethylbenzene	ug/L	50	45.8	92	60-140	
Hexachloro-1,3-butadiene	ug/L	50	45.8	92	60-140	
Isopropylbenzene (Cumene)	ug/L	50	47.6	95	60-140	
m&p-Xylene	ug/L	100	92.6	93	60-140	
Methyl-tert-butyl ether	ug/L	50	41.6	83	60-140	
Methylene Chloride	ug/L	50	41.3	83	60-140	
n-Butylbenzene	ug/L	50	45.3	91	60-140	
n-Propylbenzene	ug/L	50	43.5	87	60-140	
Naphthalene	ug/L	50	49.5	99	60-140	
o-Xylene	ug/L	50	46.7	93	60-140	
sec-Butylbenzene	ug/L	50	45.4	91	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	47.1	94	60-140	
Toluene	ug/L	50	46.1	92	60-140	
trans-1,2-Dichloroethene	ug/L	50	41.5	83	60-140	
trans-1,3-Dichloropropene	ug/L	50	44.6	89	60-140	
Trichloroethene	ug/L	50	49.2	98	60-140	
Trichlorofluoromethane	ug/L	50	46.8	94	60-140	
Vinyl chloride	ug/L	50	40.7	81	60-140	
1,2-Dichloroethane-d4 (S)	%			86	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			96	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529145

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3207159 3207160											
Parameter	Units	92528789001		MS	MSD	MS		MSD	% Rec		Qual
		Result	Conc.	Spike	Spike	Result	Result	Result	% Rec	Limits	
1,1,1,2-Tetrachloroethane	ug/L	ND	400	400	400	397	395	99	99	60-140	1
1,1,1-Trichloroethane	ug/L	ND	400	400	400	373	373	93	93	60-140	0
1,1,2,2-Tetrachloroethane	ug/L	ND	400	400	400	376	371	94	93	60-140	1
1,1,2-Trichloroethane	ug/L	ND	400	400	400	396	382	99	96	60-140	4
1,1-Dichloroethane	ug/L	ND	400	400	400	354	357	89	89	60-140	1
1,1-Dichloroethene	ug/L	ND	400	400	400	383	384	96	96	60-140	0
1,1-Dichloropropene	ug/L	ND	400	400	400	372	367	93	92	60-140	1
1,2,3-Trichlorobenzene	ug/L	ND	400	400	400	343	370	86	93	60-140	8
1,2,3-Trichloropropane	ug/L	ND	400	400	400	391	389	98	97	60-140	1
1,2,4-Trichlorobenzene	ug/L	ND	400	400	400	358	375	89	94	60-140	5
1,2,4-Trimethylbenzene	ug/L	1660	400	400	400	1960	2040	74	95	60-140	4
1,2-Dibromo-3-chloropropane	ug/L	ND	400	400	400	361	368	90	92	60-140	2
1,2-Dibromoethane (EDB)	ug/L	ND	400	400	400	378	383	95	96	60-140	1
1,2-Dichlorobenzene	ug/L	ND	400	400	400	380	388	95	97	60-140	2
1,2-Dichloroethane	ug/L	ND	400	400	400	333	333	83	83	60-140	0
1,2-Dichloropropane	ug/L	ND	400	400	400	366	354	91	88	60-140	3
1,3,5-Trimethylbenzene	ug/L	ND	400	400	400	798	825	200	206	60-140	3 M1
1,3-Dichlorobenzene	ug/L	ND	400	400	400	385	389	96	97	60-140	1
1,3-Dichloropropane	ug/L	ND	400	400	400	370	365	92	91	60-140	1
1,4-Dichlorobenzene	ug/L	ND	400	400	400	381	394	95	99	60-140	3
2,2-Dichloropropane	ug/L	ND	400	400	400	297	292	74	73	60-140	2
2-Chlorotoluene	ug/L	ND	400	400	400	425	401	106	100	60-140	6
4-Chlorotoluene	ug/L	ND	400	400	400	349	357	87	89	60-140	2
Benzene	ug/L	428	400	400	400	806	811	94	96	60-140	1
Bromobenzene	ug/L	ND	400	400	400	374	374	94	94	60-140	0
Bromochloromethane	ug/L	ND	400	400	400	390	394	97	98	60-140	1
Bromodichloromethane	ug/L	ND	400	400	400	356	349	89	87	60-140	2
Bromoform	ug/L	ND	400	400	400	377	374	94	94	60-140	1
Bromomethane	ug/L	ND	400	400	400	415	410	104	102	60-140	1
Carbon tetrachloride	ug/L	ND	400	400	400	426	423	106	106	60-140	1
Chlorobenzene	ug/L	ND	400	400	400	406	405	102	101	60-140	0
Chloroethane	ug/L	ND	400	400	400	506	490	127	122	60-140	3
Chloroform	ug/L	ND	400	400	400	356	351	88	87	60-140	1
Chloromethane	ug/L	ND	400	400	400	290	309	72	77	60-140	7
cis-1,2-Dichloroethene	ug/L	ND	400	400	400	351	350	88	87	60-140	0
cis-1,3-Dichloropropene	ug/L	ND	400	400	400	361	352	90	88	60-140	3
Dibromochloromethane	ug/L	ND	400	400	400	385	385	96	96	60-140	0
Dibromomethane	ug/L	ND	400	400	400	420	416	105	104	60-140	1
Dichlorodifluoromethane	ug/L	ND	400	400	400	383	399	96	100	60-140	4
Diisopropyl ether	ug/L	ND	400	400	400	309	310	77	78	60-140	0
Ethylbenzene	ug/L	1240	400	400	400	1640	1670	101	110	60-140	2
Hexachloro-1,3-butadiene	ug/L	ND	400	400	400	355	369	89	92	60-140	4
Isopropylbenzene (Cumene)	ug/L	78.5	400	400	400	494	490	104	103	60-140	1
m&p-Xylene	ug/L	3450	800	800	800	4220	4290	97	105	60-140	2
Methyl-tert-butyl ether	ug/L	ND	400	400	400	341	349	85	87	60-140	2
Methylene Chloride	ug/L	ND	400	400	400	350	352	87	88	60-140	1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529145

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3207159 3207160											
Parameter	Units	92528789001		MS	MSD	3207159		MS	MSD	3207160	
		Result	Conc.	Spike	Spike	Result	Conc.	Result	Conc.	% Rec	Qual
n-Butylbenzene	ug/L	ND	400	400	400	412	419	103	105	60-140	2
n-Propylbenzene	ug/L	ND	400	400	400	546	560	137	140	60-140	3
Naphthalene	ug/L	396	400	400	400	731	807	84	103	60-140	10
o-Xylene	ug/L	2480	400	400	400	2880	2930	101	114	60-140	2
sec-Butylbenzene	ug/L	ND	400	400	400	379	385	95	96	60-140	2
Styrene	ug/L	ND	400	400	400	403	402	101	100	60-140	0
tert-Butylbenzene	ug/L	ND	400	400	400	322	330	80	82	60-140	2
Tetrachloroethene	ug/L	ND	400	400	400	397	413	99	103	60-140	4
Toluene	ug/L	635	400	400	400	1040	1030	101	99	60-140	1
trans-1,2-Dichloroethene	ug/L	ND	400	400	400	360	356	90	89	60-140	1
trans-1,3-Dichloropropene	ug/L	ND	400	400	400	357	341	89	85	60-140	5
Trichloroethene	ug/L	ND	400	400	400	430	428	107	107	60-140	0
Trichlorofluoromethane	ug/L	ND	400	400	400	512	501	128	125	60-140	2
Vinyl chloride	ug/L	ND	400	400	400	354	356	88	89	60-140	1
1,2-Dichloroethane-d4 (S)	%							94	93	70-130	
4-Bromofluorobenzene (S)	%							99	98	70-130	
Toluene-d8 (S)	%							98	96	70-130	

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92529145

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92529145

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92529145001	14401_HC_RD_20210323	MADEP VPH	608585		
92529145001	14401_HC_RD_20210323	EPA 3010A	608729	EPA 6010D	608750
92529145001	14401_HC_RD_20210323	SM 6200B	608908		

REPORT OF LABORATORY ANALYSIS

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

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

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

Project #

W0#: 92529145

PM: AMB

Due Date: 03/30/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic 2N Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1						15										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 DFHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers).

March 26, 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.: 92529170

Dear Andrew Street:

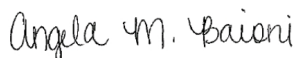
Enclosed are the analytical results for sample(s) received by the laboratory on March 23, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise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

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

- Pace Analytical Services - 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

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92529170

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92529170

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92529170001	13835_AC_RD_20210323	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

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92529170

Sample: 13835_AC_RD_20210323		Lab ID: 92529170001		Collected: 03/23/21 10:30		Received: 03/23/21 12:52		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		03/23/21 19:00		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		03/23/21 19:00		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		03/23/21 19:00		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		03/23/21 19:00		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	90	%	70-130	1		03/23/21 19:00	460-00-4		
4-Bromofluorobenzene (PID) (S)	82	%	70-130	1		03/23/21 19:00	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	03/24/21 02:03	03/25/21 01:42	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		03/25/21 04:16	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/25/21 04:16	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		03/25/21 04:16	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/25/21 04:16	75-27-4		
Bromoform	ND	ug/L	0.50	1		03/25/21 04:16	75-25-2		
Bromomethane	ND	ug/L	5.0	1		03/25/21 04:16	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		03/25/21 04:16	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		03/25/21 04:16	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		03/25/21 04:16	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/25/21 04:16	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/25/21 04:16	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/25/21 04:16	75-00-3		
Chloroform	ND	ug/L	0.50	1		03/25/21 04:16	67-66-3		
Chloromethane	ND	ug/L	1.0	1		03/25/21 04:16	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/25/21 04:16	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		03/25/21 04:16	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		03/25/21 04:16	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/25/21 04:16	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/25/21 04:16	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		03/25/21 04:16	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/25/21 04:16	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/25/21 04:16	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/25/21 04:16	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		03/25/21 04:16	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/25/21 04:16	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/25/21 04:16	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/25/21 04:16	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/25/21 04:16	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/25/21 04:16	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		03/25/21 04:16	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/25/21 04:16	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		03/25/21 04:16	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92529170

Sample: 13835_AC_RD_20210323		Lab ID: 92529170001		Collected: 03/23/21 10:30		Received: 03/23/21 12:52		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		03/25/21 04:16	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/25/21 04:16	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/25/21 04:16	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		03/25/21 04:16	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		03/25/21 04:16	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		03/25/21 04:16	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/25/21 04:16	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		03/25/21 04:16	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/25/21 04:16	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		03/25/21 04:16	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/25/21 04:16	103-65-1		
Styrene	ND	ug/L	0.50	1		03/25/21 04:16	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/25/21 04:16	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/25/21 04:16	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		03/25/21 04:16	127-18-4		
Toluene	ND	ug/L	0.50	1		03/25/21 04:16	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		03/25/21 04:16	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		03/25/21 04:16	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/25/21 04:16	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/25/21 04:16	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		03/25/21 04:16	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		03/25/21 04:16	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		03/25/21 04:16	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/25/21 04:16	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/25/21 04:16	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		03/25/21 04:16	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		03/25/21 04:16	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/25/21 04:16	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130	1		03/25/21 04:16	17060-07-0		
4-Bromofluorobenzene (S)	93	%	70-130	1		03/25/21 04:16	460-00-4		
Toluene-d8 (S)	99	%	70-130	1		03/25/21 04:16	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529170

QC Batch: 608585

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92529170001

METHOD BLANK: 3205693

Matrix: Water

Associated Lab Samples: 92529170001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	03/23/21 14:12	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	03/23/21 14:12	N2
Aromatic (C09-C10)	ug/L	ND	50.0	03/23/21 14:12	N2
4-Bromofluorobenzene (FID) (S)	%	106	70-130	03/23/21 14:12	
4-Bromofluorobenzene (PID) (S)	%	98	70-130	03/23/21 14:12	

LABORATORY CONTROL SAMPLE & LCSD: 3205694

3205695

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	335	331	112	110	70-130	1	25	N2
Aliphatic (C09-C12)	ug/L	300	330	335	110	112	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	96.6	103	97	103	70-130	6	25	N2
4-Bromofluorobenzene (FID) (S)	%				107	104	70-130			
4-Bromofluorobenzene (PID) (S)	%				98	92	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529170

QC Batch: 608729

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92529170001

METHOD BLANK: 3206422

Matrix: Water

Associated Lab Samples: 92529170001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	03/25/21 00:04	

LABORATORY CONTROL SAMPLE: 3206423

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	490	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3206424 3206425

Parameter	Units	92527185015 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	471	471	94	94	75-125	0	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92529170

QC Batch: 608908	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92529170001

METHOD BLANK: 3207157 Matrix: Water
Associated Lab Samples: 92529170001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,1,1-Trichloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,1,2-Trichloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,1-Dichloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,1-Dichloroethene	ug/L	ND	0.50	03/24/21 23:28	
1,1-Dichloropropene	ug/L	ND	0.50	03/24/21 23:28	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	03/24/21 23:28	
1,2,3-Trichloropropane	ug/L	ND	0.50	03/24/21 23:28	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	03/24/21 23:28	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	03/24/21 23:28	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	03/24/21 23:28	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	03/24/21 23:28	
1,2-Dichlorobenzene	ug/L	ND	0.50	03/24/21 23:28	
1,2-Dichloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,2-Dichloropropane	ug/L	ND	0.50	03/24/21 23:28	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	03/24/21 23:28	
1,3-Dichlorobenzene	ug/L	ND	0.50	03/24/21 23:28	
1,3-Dichloropropane	ug/L	ND	0.50	03/24/21 23:28	
1,4-Dichlorobenzene	ug/L	ND	0.50	03/24/21 23:28	
2,2-Dichloropropane	ug/L	ND	0.50	03/24/21 23:28	
2-Chlorotoluene	ug/L	ND	0.50	03/24/21 23:28	
4-Chlorotoluene	ug/L	ND	0.50	03/24/21 23:28	
Benzene	ug/L	ND	0.50	03/24/21 23:28	
Bromobenzene	ug/L	ND	0.50	03/24/21 23:28	
Bromochloromethane	ug/L	ND	0.50	03/24/21 23:28	
Bromodichloromethane	ug/L	ND	0.50	03/24/21 23:28	
Bromoform	ug/L	ND	0.50	03/24/21 23:28	
Bromomethane	ug/L	ND	5.0	03/24/21 23:28	
Carbon tetrachloride	ug/L	ND	0.50	03/24/21 23:28	
Chlorobenzene	ug/L	ND	0.50	03/24/21 23:28	
Chloroethane	ug/L	ND	1.0	03/24/21 23:28	
Chloroform	ug/L	ND	0.50	03/24/21 23:28	
Chloromethane	ug/L	ND	1.0	03/24/21 23:28	
cis-1,2-Dichloroethene	ug/L	ND	0.50	03/24/21 23:28	
cis-1,3-Dichloropropene	ug/L	ND	0.50	03/24/21 23:28	
Dibromochloromethane	ug/L	ND	0.50	03/24/21 23:28	
Dibromomethane	ug/L	ND	0.50	03/24/21 23:28	
Dichlorodifluoromethane	ug/L	ND	0.50	03/24/21 23:28	
Diisopropyl ether	ug/L	ND	0.50	03/24/21 23:28	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92529170

METHOD BLANK: 3207157 Matrix: Water
Associated Lab Samples: 92529170001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	03/24/21 23:28	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	03/24/21 23:28	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	03/24/21 23:28	
m&p-Xylene	ug/L	ND	1.0	03/24/21 23:28	
Methyl-tert-butyl ether	ug/L	ND	0.50	03/24/21 23:28	
Methylene Chloride	ug/L	ND	2.0	03/24/21 23:28	
n-Butylbenzene	ug/L	ND	0.50	03/24/21 23:28	
n-Propylbenzene	ug/L	ND	0.50	03/24/21 23:28	
Naphthalene	ug/L	ND	2.0	03/24/21 23:28	
o-Xylene	ug/L	ND	0.50	03/24/21 23:28	
sec-Butylbenzene	ug/L	ND	0.50	03/24/21 23:28	
Styrene	ug/L	ND	0.50	03/24/21 23:28	
tert-Butylbenzene	ug/L	ND	0.50	03/24/21 23:28	
Tetrachloroethene	ug/L	ND	0.50	03/24/21 23:28	
Toluene	ug/L	ND	0.50	03/24/21 23:28	
trans-1,2-Dichloroethene	ug/L	ND	0.50	03/24/21 23:28	
trans-1,3-Dichloropropene	ug/L	ND	0.50	03/24/21 23:28	
Trichloroethene	ug/L	ND	0.50	03/24/21 23:28	
Trichlorofluoromethane	ug/L	ND	1.0	03/24/21 23:28	
Vinyl chloride	ug/L	ND	1.0	03/24/21 23:28	
1,2-Dichloroethane-d4 (S)	%	93	70-130	03/24/21 23:28	
4-Bromofluorobenzene (S)	%	92	70-130	03/24/21 23:28	
Toluene-d8 (S)	%	99	70-130	03/24/21 23:28	

LABORATORY CONTROL SAMPLE: 3207158

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.2	94	60-140	
1,1,1-Trichloroethane	ug/L	50	41.9	84	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	45.2	90	60-140	
1,1,2-Trichloroethane	ug/L	50	46.4	93	60-140	
1,1-Dichloroethane	ug/L	50	41.2	82	60-140	
1,1-Dichloroethene	ug/L	50	42.6	85	60-140	
1,1-Dichloropropene	ug/L	50	42.1	84	60-140	
1,2,3-Trichlorobenzene	ug/L	50	49.1	98	60-140	
1,2,3-Trichloropropane	ug/L	50	46.5	93	60-140	
1,2,4-Trichlorobenzene	ug/L	50	49.7	99	60-140	
1,2,4-Trimethylbenzene	ug/L	50	44.0	88	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	47.5	95	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	46.7	93	60-140	
1,2-Dichlorobenzene	ug/L	50	48.7	97	60-140	
1,2-Dichloroethane	ug/L	50	39.4	79	60-140	
1,2-Dichloropropane	ug/L	50	42.3	85	60-140	
1,3,5-Trimethylbenzene	ug/L	50	44.2	88	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529170

LABORATORY CONTROL SAMPLE: 3207158

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	44.5	89	60-140	
1,4-Dichlorobenzene	ug/L	50	49.6	99	60-140	
2,2-Dichloropropane	ug/L	50	43.9	88	60-140	
2-Chlorotoluene	ug/L	50	44.0	88	60-140	
4-Chlorotoluene	ug/L	50	44.2	88	60-140	
Benzene	ug/L	50	43.9	88	60-140	
Bromobenzene	ug/L	50	45.6	91	60-140	
Bromochloromethane	ug/L	50	47.6	95	60-140	
Bromodichloromethane	ug/L	50	41.9	84	60-140	
Bromoform	ug/L	50	46.5	93	60-140	
Bromomethane	ug/L	50	49.0	98	60-140	
Carbon tetrachloride	ug/L	50	46.9	94	60-140	
Chlorobenzene	ug/L	50	48.2	96	60-140	
Chloroethane	ug/L	50	42.5	85	60-140	
Chloroform	ug/L	50	41.1	82	60-140	
Chloromethane	ug/L	50	37.3	75	60-140	
cis-1,2-Dichloroethene	ug/L	50	40.9	82	60-140	
cis-1,3-Dichloropropene	ug/L	50	45.2	90	60-140	
Dibromochloromethane	ug/L	50	47.9	96	60-140	
Dibromomethane	ug/L	50	49.8	100	60-140	
Dichlorodifluoromethane	ug/L	50	45.0	90	60-140	
Diisopropyl ether	ug/L	50	37.3	75	60-140	
Ethylbenzene	ug/L	50	45.8	92	60-140	
Hexachloro-1,3-butadiene	ug/L	50	45.8	92	60-140	
Isopropylbenzene (Cumene)	ug/L	50	47.6	95	60-140	
m&p-Xylene	ug/L	100	92.6	93	60-140	
Methyl-tert-butyl ether	ug/L	50	41.6	83	60-140	
Methylene Chloride	ug/L	50	41.3	83	60-140	
n-Butylbenzene	ug/L	50	45.3	91	60-140	
n-Propylbenzene	ug/L	50	43.5	87	60-140	
Naphthalene	ug/L	50	49.5	99	60-140	
o-Xylene	ug/L	50	46.7	93	60-140	
sec-Butylbenzene	ug/L	50	45.4	91	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	47.1	94	60-140	
Toluene	ug/L	50	46.1	92	60-140	
trans-1,2-Dichloroethene	ug/L	50	41.5	83	60-140	
trans-1,3-Dichloropropene	ug/L	50	44.6	89	60-140	
Trichloroethene	ug/L	50	49.2	98	60-140	
Trichlorofluoromethane	ug/L	50	46.8	94	60-140	
Vinyl chloride	ug/L	50	40.7	81	60-140	
1,2-Dichloroethane-d4 (S)	%			86	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			96	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529170

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3207159 3207160											
Parameter	Units	92528789001		MS	MSD	MS		MSD	% Rec		Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
1,1,1,2-Tetrachloroethane	ug/L	ND	400	400	400	397	395	99	99	60-140	1
1,1,1-Trichloroethane	ug/L	ND	400	400	400	373	373	93	93	60-140	0
1,1,2,2-Tetrachloroethane	ug/L	ND	400	400	400	376	371	94	93	60-140	1
1,1,2-Trichloroethane	ug/L	ND	400	400	400	396	382	99	96	60-140	4
1,1-Dichloroethane	ug/L	ND	400	400	400	354	357	89	89	60-140	1
1,1-Dichloroethene	ug/L	ND	400	400	400	383	384	96	96	60-140	0
1,1-Dichloropropene	ug/L	ND	400	400	400	372	367	93	92	60-140	1
1,2,3-Trichlorobenzene	ug/L	ND	400	400	400	343	370	86	93	60-140	8
1,2,3-Trichloropropane	ug/L	ND	400	400	400	391	389	98	97	60-140	1
1,2,4-Trichlorobenzene	ug/L	ND	400	400	400	358	375	89	94	60-140	5
1,2,4-Trimethylbenzene	ug/L	1660	400	400	400	1960	2040	74	95	60-140	4
1,2-Dibromo-3-chloropropane	ug/L	ND	400	400	400	361	368	90	92	60-140	2
1,2-Dibromoethane (EDB)	ug/L	ND	400	400	400	378	383	95	96	60-140	1
1,2-Dichlorobenzene	ug/L	ND	400	400	400	380	388	95	97	60-140	2
1,2-Dichloroethane	ug/L	ND	400	400	400	333	333	83	83	60-140	0
1,2-Dichloropropane	ug/L	ND	400	400	400	366	354	91	88	60-140	3
1,3,5-Trimethylbenzene	ug/L	ND	400	400	400	798	825	200	206	60-140	3 M1
1,3-Dichlorobenzene	ug/L	ND	400	400	400	385	389	96	97	60-140	1
1,3-Dichloropropane	ug/L	ND	400	400	400	370	365	92	91	60-140	1
1,4-Dichlorobenzene	ug/L	ND	400	400	400	381	394	95	99	60-140	3
2,2-Dichloropropane	ug/L	ND	400	400	400	297	292	74	73	60-140	2
2-Chlorotoluene	ug/L	ND	400	400	400	425	401	106	100	60-140	6
4-Chlorotoluene	ug/L	ND	400	400	400	349	357	87	89	60-140	2
Benzene	ug/L	428	400	400	400	806	811	94	96	60-140	1
Bromobenzene	ug/L	ND	400	400	400	374	374	94	94	60-140	0
Bromochloromethane	ug/L	ND	400	400	400	390	394	97	98	60-140	1
Bromodichloromethane	ug/L	ND	400	400	400	356	349	89	87	60-140	2
Bromoform	ug/L	ND	400	400	400	377	374	94	94	60-140	1
Bromomethane	ug/L	ND	400	400	400	415	410	104	102	60-140	1
Carbon tetrachloride	ug/L	ND	400	400	400	426	423	106	106	60-140	1
Chlorobenzene	ug/L	ND	400	400	400	406	405	102	101	60-140	0
Chloroethane	ug/L	ND	400	400	400	506	490	127	122	60-140	3
Chloroform	ug/L	ND	400	400	400	356	351	88	87	60-140	1
Chloromethane	ug/L	ND	400	400	400	290	309	72	77	60-140	7
cis-1,2-Dichloroethene	ug/L	ND	400	400	400	351	350	88	87	60-140	0
cis-1,3-Dichloropropene	ug/L	ND	400	400	400	361	352	90	88	60-140	3
Dibromochloromethane	ug/L	ND	400	400	400	385	385	96	96	60-140	0
Dibromomethane	ug/L	ND	400	400	400	420	416	105	104	60-140	1
Dichlorodifluoromethane	ug/L	ND	400	400	400	383	399	96	100	60-140	4
Diisopropyl ether	ug/L	ND	400	400	400	309	310	77	78	60-140	0
Ethylbenzene	ug/L	1240	400	400	400	1640	1670	101	110	60-140	2
Hexachloro-1,3-butadiene	ug/L	ND	400	400	400	355	369	89	92	60-140	4
Isopropylbenzene (Cumene)	ug/L	78.5	400	400	400	494	490	104	103	60-140	1
m&p-Xylene	ug/L	3450	800	800	800	4220	4290	97	105	60-140	2
Methyl-tert-butyl ether	ug/L	ND	400	400	400	341	349	85	87	60-140	2
Methylene Chloride	ug/L	ND	400	400	400	350	352	87	88	60-140	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

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529170

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3207159 3207160											
Parameter	Units	92528789001		MS	MSD	MS		MSD	% Rec		Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
n-Butylbenzene	ug/L	ND	400	400	400	412	419	103	105	60-140	2
n-Propylbenzene	ug/L	ND	400	400	400	546	560	137	140	60-140	3
Naphthalene	ug/L	396	400	400	400	731	807	84	103	60-140	10
o-Xylene	ug/L	2480	400	400	400	2880	2930	101	114	60-140	2
sec-Butylbenzene	ug/L	ND	400	400	400	379	385	95	96	60-140	2
Styrene	ug/L	ND	400	400	400	403	402	101	100	60-140	0
tert-Butylbenzene	ug/L	ND	400	400	400	322	330	80	82	60-140	2
Tetrachloroethene	ug/L	ND	400	400	400	397	413	99	103	60-140	4
Toluene	ug/L	635	400	400	400	1040	1030	101	99	60-140	1
trans-1,2-Dichloroethene	ug/L	ND	400	400	400	360	356	90	89	60-140	1
trans-1,3-Dichloropropene	ug/L	ND	400	400	400	357	341	89	85	60-140	5
Trichloroethene	ug/L	ND	400	400	400	430	428	107	107	60-140	0
Trichlorofluoromethane	ug/L	ND	400	400	400	512	501	128	125	60-140	2
Vinyl chloride	ug/L	ND	400	400	400	354	356	88	89	60-140	1
1,2-Dichloroethane-d4 (S)	%							94	93	70-130	
4-Bromofluorobenzene (S)	%							99	98	70-130	
Toluene-d8 (S)	%							98	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

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92529170

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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92529170

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92529170001	13835_AC_RD_20210323	MADEP VPH	608585		
92529170001	13835_AC_RD_20210323	EPA 3010A	608729	EPA 6010D	608750
92529170001	13835_AC_RD_20210323	SM 6200B	608908		

REPORT OF LABORATORY ANALYSIS

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

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

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

Project #

WO#: 92529170

PM: AMB

Due Date: 03/30/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A -- lab)	SP2T-250 mL Sterile Plastic (N/A -- lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																7											
2																											
3																											
4																											
5																											
6																											
7																											
8																											
9																											
10																											
11																											
12																											

pH Adjustment Log for Preserved Samples

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

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

March 26, 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.: 92529174

Dear Andrew Street:

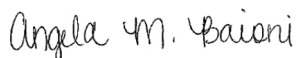
Enclosed are the analytical results for sample(s) received by the laboratory on March 23, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise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

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

- Pace Analytical Services - 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

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92529174

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92529174

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92529174001	14226_HC_RD_20210323	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

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92529174

Sample: 14226_HC_RD_20210323		Lab ID: 92529174001		Collected: 03/23/21 08:50		Received: 03/23/21 12:52		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		03/23/21 19:28		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		03/23/21 19:28		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		03/23/21 19:28		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		03/23/21 19:28		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130	1		03/23/21 19:28	460-00-4		
4-Bromofluorobenzene (PID) (S)	94	%	70-130	1		03/23/21 19:28	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	03/24/21 02:03	03/25/21 01:45	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		03/25/21 04:34	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/25/21 04:34	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		03/25/21 04:34	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/25/21 04:34	75-27-4		
Bromoform	ND	ug/L	0.50	1		03/25/21 04:34	75-25-2		
Bromomethane	ND	ug/L	5.0	1		03/25/21 04:34	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		03/25/21 04:34	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		03/25/21 04:34	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		03/25/21 04:34	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/25/21 04:34	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/25/21 04:34	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/25/21 04:34	75-00-3		
Chloroform	ND	ug/L	0.50	1		03/25/21 04:34	67-66-3		
Chloromethane	ND	ug/L	1.0	1		03/25/21 04:34	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/25/21 04:34	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		03/25/21 04:34	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		03/25/21 04:34	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/25/21 04:34	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/25/21 04:34	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		03/25/21 04:34	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/25/21 04:34	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/25/21 04:34	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/25/21 04:34	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		03/25/21 04:34	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/25/21 04:34	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/25/21 04:34	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/25/21 04:34	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/25/21 04:34	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/25/21 04:34	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		03/25/21 04:34	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/25/21 04:34	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		03/25/21 04:34	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92529174

Sample: 14226_HC_RD_20210323		Lab ID: 92529174001		Collected: 03/23/21 08:50		Received: 03/23/21 12:52		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		03/25/21 04:34	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/25/21 04:34	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/25/21 04:34	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		03/25/21 04:34	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		03/25/21 04:34	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		03/25/21 04:34	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/25/21 04:34	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		03/25/21 04:34	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/25/21 04:34	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		03/25/21 04:34	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/25/21 04:34	103-65-1		
Styrene	ND	ug/L	0.50	1		03/25/21 04:34	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/25/21 04:34	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/25/21 04:34	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		03/25/21 04:34	127-18-4		
Toluene	ND	ug/L	0.50	1		03/25/21 04:34	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		03/25/21 04:34	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		03/25/21 04:34	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/25/21 04:34	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/25/21 04:34	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		03/25/21 04:34	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		03/25/21 04:34	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		03/25/21 04:34	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/25/21 04:34	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/25/21 04:34	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		03/25/21 04:34	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		03/25/21 04:34	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/25/21 04:34	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	94	%	70-130	1		03/25/21 04:34	17060-07-0		
4-Bromofluorobenzene (S)	93	%	70-130	1		03/25/21 04:34	460-00-4		
Toluene-d8 (S)	99	%	70-130	1		03/25/21 04:34	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529174

QC Batch: 608585

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92529174001

METHOD BLANK: 3205693

Matrix: Water

Associated Lab Samples: 92529174001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	03/23/21 14:12	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	03/23/21 14:12	N2
Aromatic (C09-C10)	ug/L	ND	50.0	03/23/21 14:12	N2
4-Bromofluorobenzene (FID) (S)	%	106	70-130	03/23/21 14:12	
4-Bromofluorobenzene (PID) (S)	%	98	70-130	03/23/21 14:12	

LABORATORY CONTROL SAMPLE & LCSD: 3205694

3205695

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	335	331	112	110	70-130	1	25	N2
Aliphatic (C09-C12)	ug/L	300	330	335	110	112	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	96.6	103	97	103	70-130	6	25	N2
4-Bromofluorobenzene (FID) (S)	%				107	104	70-130			
4-Bromofluorobenzene (PID) (S)	%				98	92	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529174

QC Batch: 608729

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92529174001

METHOD BLANK: 3206422

Matrix: Water

Associated Lab Samples: 92529174001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	03/25/21 00:04	

LABORATORY CONTROL SAMPLE: 3206423

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	490	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3206424 3206425

Parameter	Units	92527185015 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	471	471	94	94	75-125	0	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92529174

QC Batch: 608908	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92529174001

METHOD BLANK: 3207157 Matrix: Water

Associated Lab Samples: 92529174001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,1,1-Trichloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,1,2-Trichloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,1-Dichloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,1-Dichloroethene	ug/L	ND	0.50	03/24/21 23:28	
1,1-Dichloropropene	ug/L	ND	0.50	03/24/21 23:28	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	03/24/21 23:28	
1,2,3-Trichloropropane	ug/L	ND	0.50	03/24/21 23:28	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	03/24/21 23:28	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	03/24/21 23:28	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	03/24/21 23:28	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	03/24/21 23:28	
1,2-Dichlorobenzene	ug/L	ND	0.50	03/24/21 23:28	
1,2-Dichloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,2-Dichloropropane	ug/L	ND	0.50	03/24/21 23:28	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	03/24/21 23:28	
1,3-Dichlorobenzene	ug/L	ND	0.50	03/24/21 23:28	
1,3-Dichloropropane	ug/L	ND	0.50	03/24/21 23:28	
1,4-Dichlorobenzene	ug/L	ND	0.50	03/24/21 23:28	
2,2-Dichloropropane	ug/L	ND	0.50	03/24/21 23:28	
2-Chlorotoluene	ug/L	ND	0.50	03/24/21 23:28	
4-Chlorotoluene	ug/L	ND	0.50	03/24/21 23:28	
Benzene	ug/L	ND	0.50	03/24/21 23:28	
Bromobenzene	ug/L	ND	0.50	03/24/21 23:28	
Bromochloromethane	ug/L	ND	0.50	03/24/21 23:28	
Bromodichloromethane	ug/L	ND	0.50	03/24/21 23:28	
Bromoform	ug/L	ND	0.50	03/24/21 23:28	
Bromomethane	ug/L	ND	5.0	03/24/21 23:28	
Carbon tetrachloride	ug/L	ND	0.50	03/24/21 23:28	
Chlorobenzene	ug/L	ND	0.50	03/24/21 23:28	
Chloroethane	ug/L	ND	1.0	03/24/21 23:28	
Chloroform	ug/L	ND	0.50	03/24/21 23:28	
Chloromethane	ug/L	ND	1.0	03/24/21 23:28	
cis-1,2-Dichloroethene	ug/L	ND	0.50	03/24/21 23:28	
cis-1,3-Dichloropropene	ug/L	ND	0.50	03/24/21 23:28	
Dibromochloromethane	ug/L	ND	0.50	03/24/21 23:28	
Dibromomethane	ug/L	ND	0.50	03/24/21 23:28	
Dichlorodifluoromethane	ug/L	ND	0.50	03/24/21 23:28	
Diisopropyl ether	ug/L	ND	0.50	03/24/21 23:28	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92529174

METHOD BLANK: 3207157

Matrix: Water

Associated Lab Samples: 92529174001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	03/24/21 23:28	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	03/24/21 23:28	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	03/24/21 23:28	
m&p-Xylene	ug/L	ND	1.0	03/24/21 23:28	
Methyl-tert-butyl ether	ug/L	ND	0.50	03/24/21 23:28	
Methylene Chloride	ug/L	ND	2.0	03/24/21 23:28	
n-Butylbenzene	ug/L	ND	0.50	03/24/21 23:28	
n-Propylbenzene	ug/L	ND	0.50	03/24/21 23:28	
Naphthalene	ug/L	ND	2.0	03/24/21 23:28	
o-Xylene	ug/L	ND	0.50	03/24/21 23:28	
sec-Butylbenzene	ug/L	ND	0.50	03/24/21 23:28	
Styrene	ug/L	ND	0.50	03/24/21 23:28	
tert-Butylbenzene	ug/L	ND	0.50	03/24/21 23:28	
Tetrachloroethene	ug/L	ND	0.50	03/24/21 23:28	
Toluene	ug/L	ND	0.50	03/24/21 23:28	
trans-1,2-Dichloroethene	ug/L	ND	0.50	03/24/21 23:28	
trans-1,3-Dichloropropene	ug/L	ND	0.50	03/24/21 23:28	
Trichloroethene	ug/L	ND	0.50	03/24/21 23:28	
Trichlorofluoromethane	ug/L	ND	1.0	03/24/21 23:28	
Vinyl chloride	ug/L	ND	1.0	03/24/21 23:28	
1,2-Dichloroethane-d4 (S)	%	93	70-130	03/24/21 23:28	
4-Bromofluorobenzene (S)	%	92	70-130	03/24/21 23:28	
Toluene-d8 (S)	%	99	70-130	03/24/21 23:28	

LABORATORY CONTROL SAMPLE: 3207158

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.2	94	60-140	
1,1,1-Trichloroethane	ug/L	50	41.9	84	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	45.2	90	60-140	
1,1,2-Trichloroethane	ug/L	50	46.4	93	60-140	
1,1-Dichloroethane	ug/L	50	41.2	82	60-140	
1,1-Dichloroethene	ug/L	50	42.6	85	60-140	
1,1-Dichloropropene	ug/L	50	42.1	84	60-140	
1,2,3-Trichlorobenzene	ug/L	50	49.1	98	60-140	
1,2,3-Trichloropropane	ug/L	50	46.5	93	60-140	
1,2,4-Trichlorobenzene	ug/L	50	49.7	99	60-140	
1,2,4-Trimethylbenzene	ug/L	50	44.0	88	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	47.5	95	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	46.7	93	60-140	
1,2-Dichlorobenzene	ug/L	50	48.7	97	60-140	
1,2-Dichloroethane	ug/L	50	39.4	79	60-140	
1,2-Dichloropropane	ug/L	50	42.3	85	60-140	
1,3,5-Trimethylbenzene	ug/L	50	44.2	88	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529174

LABORATORY CONTROL SAMPLE: 3207158

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	44.5	89	60-140	
1,4-Dichlorobenzene	ug/L	50	49.6	99	60-140	
2,2-Dichloropropane	ug/L	50	43.9	88	60-140	
2-Chlorotoluene	ug/L	50	44.0	88	60-140	
4-Chlorotoluene	ug/L	50	44.2	88	60-140	
Benzene	ug/L	50	43.9	88	60-140	
Bromobenzene	ug/L	50	45.6	91	60-140	
Bromochloromethane	ug/L	50	47.6	95	60-140	
Bromodichloromethane	ug/L	50	41.9	84	60-140	
Bromoform	ug/L	50	46.5	93	60-140	
Bromomethane	ug/L	50	49.0	98	60-140	
Carbon tetrachloride	ug/L	50	46.9	94	60-140	
Chlorobenzene	ug/L	50	48.2	96	60-140	
Chloroethane	ug/L	50	42.5	85	60-140	
Chloroform	ug/L	50	41.1	82	60-140	
Chloromethane	ug/L	50	37.3	75	60-140	
cis-1,2-Dichloroethene	ug/L	50	40.9	82	60-140	
cis-1,3-Dichloropropene	ug/L	50	45.2	90	60-140	
Dibromochloromethane	ug/L	50	47.9	96	60-140	
Dibromomethane	ug/L	50	49.8	100	60-140	
Dichlorodifluoromethane	ug/L	50	45.0	90	60-140	
Diisopropyl ether	ug/L	50	37.3	75	60-140	
Ethylbenzene	ug/L	50	45.8	92	60-140	
Hexachloro-1,3-butadiene	ug/L	50	45.8	92	60-140	
Isopropylbenzene (Cumene)	ug/L	50	47.6	95	60-140	
m&p-Xylene	ug/L	100	92.6	93	60-140	
Methyl-tert-butyl ether	ug/L	50	41.6	83	60-140	
Methylene Chloride	ug/L	50	41.3	83	60-140	
n-Butylbenzene	ug/L	50	45.3	91	60-140	
n-Propylbenzene	ug/L	50	43.5	87	60-140	
Naphthalene	ug/L	50	49.5	99	60-140	
o-Xylene	ug/L	50	46.7	93	60-140	
sec-Butylbenzene	ug/L	50	45.4	91	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	47.1	94	60-140	
Toluene	ug/L	50	46.1	92	60-140	
trans-1,2-Dichloroethene	ug/L	50	41.5	83	60-140	
trans-1,3-Dichloropropene	ug/L	50	44.6	89	60-140	
Trichloroethene	ug/L	50	49.2	98	60-140	
Trichlorofluoromethane	ug/L	50	46.8	94	60-140	
Vinyl chloride	ug/L	50	40.7	81	60-140	
1,2-Dichloroethane-d4 (S)	%			86	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			96	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529174

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3207159			3207160									
Parameter	Units	92528789001		MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Qual
		Result	Conc.	Spike	Spike							
1,1,1,2-Tetrachloroethane	ug/L	ND	400	400	400	397	395	99	99	60-140	1	
1,1,1-Trichloroethane	ug/L	ND	400	400	400	373	373	93	93	60-140	0	
1,1,2,2-Tetrachloroethane	ug/L	ND	400	400	400	376	371	94	93	60-140	1	
1,1,2-Trichloroethane	ug/L	ND	400	400	400	396	382	99	96	60-140	4	
1,1-Dichloroethane	ug/L	ND	400	400	400	354	357	89	89	60-140	1	
1,1-Dichloroethene	ug/L	ND	400	400	400	383	384	96	96	60-140	0	
1,1-Dichloropropene	ug/L	ND	400	400	400	372	367	93	92	60-140	1	
1,2,3-Trichlorobenzene	ug/L	ND	400	400	400	343	370	86	93	60-140	8	
1,2,3-Trichloropropane	ug/L	ND	400	400	400	391	389	98	97	60-140	1	
1,2,4-Trichlorobenzene	ug/L	ND	400	400	400	358	375	89	94	60-140	5	
1,2,4-Trimethylbenzene	ug/L	1660	400	400	1960	2040	74	95	95	60-140	4	
1,2-Dibromo-3-chloropropane	ug/L	ND	400	400	400	361	368	90	92	60-140	2	
1,2-Dibromoethane (EDB)	ug/L	ND	400	400	400	378	383	95	96	60-140	1	
1,2-Dichlorobenzene	ug/L	ND	400	400	400	380	388	95	97	60-140	2	
1,2-Dichloroethane	ug/L	ND	400	400	400	333	333	83	83	60-140	0	
1,2-Dichloropropane	ug/L	ND	400	400	400	366	354	91	88	60-140	3	
1,3,5-Trimethylbenzene	ug/L	ND	400	400	798	825	200	206	206	60-140	3	M1
1,3-Dichlorobenzene	ug/L	ND	400	400	385	389	96	97	97	60-140	1	
1,3-Dichloropropane	ug/L	ND	400	400	370	365	92	91	91	60-140	1	
1,4-Dichlorobenzene	ug/L	ND	400	400	381	394	95	99	99	60-140	3	
2,2-Dichloropropane	ug/L	ND	400	400	297	292	74	73	73	60-140	2	
2-Chlorotoluene	ug/L	ND	400	400	425	401	106	100	100	60-140	6	
4-Chlorotoluene	ug/L	ND	400	400	349	357	87	89	89	60-140	2	
Benzene	ug/L	428	400	400	806	811	94	96	96	60-140	1	
Bromobenzene	ug/L	ND	400	400	374	374	94	94	94	60-140	0	
Bromochloromethane	ug/L	ND	400	400	390	394	97	98	98	60-140	1	
Bromodichloromethane	ug/L	ND	400	400	356	349	89	87	87	60-140	2	
Bromoform	ug/L	ND	400	400	377	374	94	94	94	60-140	1	
Bromomethane	ug/L	ND	400	400	415	410	104	102	102	60-140	1	
Carbon tetrachloride	ug/L	ND	400	400	426	423	106	106	106	60-140	1	
Chlorobenzene	ug/L	ND	400	400	406	405	102	101	101	60-140	0	
Chloroethane	ug/L	ND	400	400	506	490	127	122	122	60-140	3	
Chloroform	ug/L	ND	400	400	356	351	88	87	87	60-140	1	
Chloromethane	ug/L	ND	400	400	290	309	72	77	77	60-140	7	
cis-1,2-Dichloroethene	ug/L	ND	400	400	351	350	88	87	87	60-140	0	
cis-1,3-Dichloropropene	ug/L	ND	400	400	361	352	90	88	88	60-140	3	
Dibromochloromethane	ug/L	ND	400	400	385	385	96	96	96	60-140	0	
Dibromomethane	ug/L	ND	400	400	420	416	105	104	104	60-140	1	
Dichlorodifluoromethane	ug/L	ND	400	400	383	399	96	100	100	60-140	4	
Diisopropyl ether	ug/L	ND	400	400	309	310	77	78	78	60-140	0	
Ethylbenzene	ug/L	1240	400	400	1640	1670	101	110	110	60-140	2	
Hexachloro-1,3-butadiene	ug/L	ND	400	400	355	369	89	92	92	60-140	4	
Isopropylbenzene (Cumene)	ug/L	78.5	400	400	494	490	104	103	103	60-140	1	
m&p-Xylene	ug/L	3450	800	800	4220	4290	97	105	105	60-140	2	
Methyl-tert-butyl ether	ug/L	ND	400	400	341	349	85	87	87	60-140	2	
Methylene Chloride	ug/L	ND	400	400	350	352	87	88	88	60-140	1	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529174

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3207159 3207160												
Parameter	92528789001		MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.								
n-Butylbenzene	ug/L	ND	400	400	412	419	103	105	60-140	2		
n-Propylbenzene	ug/L	ND	400	400	546	560	137	140	60-140	3		
Naphthalene	ug/L	396	400	400	731	807	84	103	60-140	10		
o-Xylene	ug/L	2480	400	400	2880	2930	101	114	60-140	2		
sec-Butylbenzene	ug/L	ND	400	400	379	385	95	96	60-140	2		
Styrene	ug/L	ND	400	400	403	402	101	100	60-140	0		
tert-Butylbenzene	ug/L	ND	400	400	322	330	80	82	60-140	2		
Tetrachloroethene	ug/L	ND	400	400	397	413	99	103	60-140	4		
Toluene	ug/L	635	400	400	1040	1030	101	99	60-140	1		
trans-1,2-Dichloroethene	ug/L	ND	400	400	360	356	90	89	60-140	1		
trans-1,3-Dichloropropene	ug/L	ND	400	400	357	341	89	85	60-140	5		
Trichloroethene	ug/L	ND	400	400	430	428	107	107	60-140	0		
Trichlorofluoromethane	ug/L	ND	400	400	512	501	128	125	60-140	2		
Vinyl chloride	ug/L	ND	400	400	354	356	88	89	60-140	1		
1,2-Dichloroethane-d4 (S)	%						94	93	70-130			
4-Bromofluorobenzene (S)	%						99	98	70-130			
Toluene-d8 (S)	%						98	96	70-130			

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92529174

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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92529174

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92529174001	14226_HC_RD_20210323	MADEP VPH	608585		
92529174001	14226_HC_RD_20210323	EPA 3010A	608729	EPA 6010D	608750
92529174001	14226_HC_RD_20210323	SM 6200B	608908		

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[illegible]

*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#: 92529174

PH: AMB

Due Date: 03/30/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic 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)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1						✓										7													
2																													
3																													
4																													
5																													
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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).

March 26, 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.: 92529205

Dear Andrew Street:

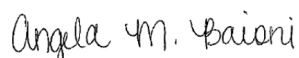
Enclosed are the analytical results for sample(s) received by the laboratory on March 23, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise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

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

- Pace Analytical Services - 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

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92529205

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92529205

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92529205001	13926B_HC_RD_20210323	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

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92529205

Sample: 13926B_HC_RD_20210323		Lab ID: 92529205001		Collected: 03/23/21 11:15		Received: 03/23/21 12:52		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		03/23/21 19:56		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		03/23/21 19:56		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		03/23/21 19:56		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		03/23/21 19:56		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	106	%	70-130	1		03/23/21 19:56	460-00-4		
4-Bromofluorobenzene (PID) (S)	97	%	70-130	1		03/23/21 19:56	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	03/24/21 02:03	03/25/21 01:48	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		03/25/21 04:52	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/25/21 04:52	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		03/25/21 04:52	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/25/21 04:52	75-27-4		
Bromoform	ND	ug/L	0.50	1		03/25/21 04:52	75-25-2		
Bromomethane	ND	ug/L	5.0	1		03/25/21 04:52	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		03/25/21 04:52	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		03/25/21 04:52	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		03/25/21 04:52	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/25/21 04:52	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/25/21 04:52	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/25/21 04:52	75-00-3		
Chloroform	8.1	ug/L	0.50	1		03/25/21 04:52	67-66-3		
Chloromethane	ND	ug/L	1.0	1		03/25/21 04:52	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/25/21 04:52	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		03/25/21 04:52	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		03/25/21 04:52	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/25/21 04:52	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/25/21 04:52	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		03/25/21 04:52	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/25/21 04:52	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/25/21 04:52	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/25/21 04:52	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		03/25/21 04:52	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/25/21 04:52	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/25/21 04:52	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/25/21 04:52	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/25/21 04:52	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/25/21 04:52	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		03/25/21 04:52	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/25/21 04:52	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		03/25/21 04:52	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92529205

Sample: 13926B_HC_RD_20210323		Lab ID: 92529205001		Collected: 03/23/21 11:15		Received: 03/23/21 12:52		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		03/25/21 04:52	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/25/21 04:52	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/25/21 04:52	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		03/25/21 04:52	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		03/25/21 04:52	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		03/25/21 04:52	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/25/21 04:52	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		03/25/21 04:52	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/25/21 04:52	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		03/25/21 04:52	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/25/21 04:52	103-65-1		
Styrene	ND	ug/L	0.50	1		03/25/21 04:52	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/25/21 04:52	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/25/21 04:52	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		03/25/21 04:52	127-18-4		
Toluene	ND	ug/L	0.50	1		03/25/21 04:52	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		03/25/21 04:52	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		03/25/21 04:52	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/25/21 04:52	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/25/21 04:52	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		03/25/21 04:52	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		03/25/21 04:52	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		03/25/21 04:52	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/25/21 04:52	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/25/21 04:52	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		03/25/21 04:52	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		03/25/21 04:52	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/25/21 04:52	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	70-130	1		03/25/21 04:52	17060-07-0		
4-Bromofluorobenzene (S)	92	%	70-130	1		03/25/21 04:52	460-00-4		
Toluene-d8 (S)	98	%	70-130	1		03/25/21 04:52	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529205

QC Batch: 608585

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92529205001

METHOD BLANK: 3205693

Matrix: Water

Associated Lab Samples: 92529205001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	03/23/21 14:12	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	03/23/21 14:12	N2
Aromatic (C09-C10)	ug/L	ND	50.0	03/23/21 14:12	N2
4-Bromofluorobenzene (FID) (S)	%	106	70-130	03/23/21 14:12	
4-Bromofluorobenzene (PID) (S)	%	98	70-130	03/23/21 14:12	

LABORATORY CONTROL SAMPLE & LCSD: 3205694

3205695

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	335	331	112	110	70-130	1	25	N2
Aliphatic (C09-C12)	ug/L	300	330	335	110	112	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	96.6	103	97	103	70-130	6	25	N2
4-Bromofluorobenzene (FID) (S)	%				107	104	70-130			
4-Bromofluorobenzene (PID) (S)	%				98	92	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529205

QC Batch: 608729

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92529205001

METHOD BLANK: 3206422

Matrix: Water

Associated Lab Samples: 92529205001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	03/25/21 00:04	

LABORATORY CONTROL SAMPLE: 3206423

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	490	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3206424 3206425

Parameter	Units	92527185015 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	471	471	94	94	75-125	0	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92529205

QC Batch: 608908	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92529205001

METHOD BLANK: 3207157 Matrix: Water

Associated Lab Samples: 92529205001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,1,1-Trichloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,1,2-Trichloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,1-Dichloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,1-Dichloroethene	ug/L	ND	0.50	03/24/21 23:28	
1,1-Dichloropropene	ug/L	ND	0.50	03/24/21 23:28	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	03/24/21 23:28	
1,2,3-Trichloropropane	ug/L	ND	0.50	03/24/21 23:28	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	03/24/21 23:28	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	03/24/21 23:28	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	03/24/21 23:28	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	03/24/21 23:28	
1,2-Dichlorobenzene	ug/L	ND	0.50	03/24/21 23:28	
1,2-Dichloroethane	ug/L	ND	0.50	03/24/21 23:28	
1,2-Dichloropropane	ug/L	ND	0.50	03/24/21 23:28	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	03/24/21 23:28	
1,3-Dichlorobenzene	ug/L	ND	0.50	03/24/21 23:28	
1,3-Dichloropropane	ug/L	ND	0.50	03/24/21 23:28	
1,4-Dichlorobenzene	ug/L	ND	0.50	03/24/21 23:28	
2,2-Dichloropropane	ug/L	ND	0.50	03/24/21 23:28	
2-Chlorotoluene	ug/L	ND	0.50	03/24/21 23:28	
4-Chlorotoluene	ug/L	ND	0.50	03/24/21 23:28	
Benzene	ug/L	ND	0.50	03/24/21 23:28	
Bromobenzene	ug/L	ND	0.50	03/24/21 23:28	
Bromochloromethane	ug/L	ND	0.50	03/24/21 23:28	
Bromodichloromethane	ug/L	ND	0.50	03/24/21 23:28	
Bromoform	ug/L	ND	0.50	03/24/21 23:28	
Bromomethane	ug/L	ND	5.0	03/24/21 23:28	
Carbon tetrachloride	ug/L	ND	0.50	03/24/21 23:28	
Chlorobenzene	ug/L	ND	0.50	03/24/21 23:28	
Chloroethane	ug/L	ND	1.0	03/24/21 23:28	
Chloroform	ug/L	ND	0.50	03/24/21 23:28	
Chloromethane	ug/L	ND	1.0	03/24/21 23:28	
cis-1,2-Dichloroethene	ug/L	ND	0.50	03/24/21 23:28	
cis-1,3-Dichloropropene	ug/L	ND	0.50	03/24/21 23:28	
Dibromochloromethane	ug/L	ND	0.50	03/24/21 23:28	
Dibromomethane	ug/L	ND	0.50	03/24/21 23:28	
Dichlorodifluoromethane	ug/L	ND	0.50	03/24/21 23:28	
Diisopropyl ether	ug/L	ND	0.50	03/24/21 23:28	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92529205

METHOD BLANK: 3207157

Matrix: Water

Associated Lab Samples: 92529205001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	03/24/21 23:28	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	03/24/21 23:28	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	03/24/21 23:28	
m&p-Xylene	ug/L	ND	1.0	03/24/21 23:28	
Methyl-tert-butyl ether	ug/L	ND	0.50	03/24/21 23:28	
Methylene Chloride	ug/L	ND	2.0	03/24/21 23:28	
n-Butylbenzene	ug/L	ND	0.50	03/24/21 23:28	
n-Propylbenzene	ug/L	ND	0.50	03/24/21 23:28	
Naphthalene	ug/L	ND	2.0	03/24/21 23:28	
o-Xylene	ug/L	ND	0.50	03/24/21 23:28	
sec-Butylbenzene	ug/L	ND	0.50	03/24/21 23:28	
Styrene	ug/L	ND	0.50	03/24/21 23:28	
tert-Butylbenzene	ug/L	ND	0.50	03/24/21 23:28	
Tetrachloroethene	ug/L	ND	0.50	03/24/21 23:28	
Toluene	ug/L	ND	0.50	03/24/21 23:28	
trans-1,2-Dichloroethene	ug/L	ND	0.50	03/24/21 23:28	
trans-1,3-Dichloropropene	ug/L	ND	0.50	03/24/21 23:28	
Trichloroethene	ug/L	ND	0.50	03/24/21 23:28	
Trichlorofluoromethane	ug/L	ND	1.0	03/24/21 23:28	
Vinyl chloride	ug/L	ND	1.0	03/24/21 23:28	
1,2-Dichloroethane-d4 (S)	%	93	70-130	03/24/21 23:28	
4-Bromofluorobenzene (S)	%	92	70-130	03/24/21 23:28	
Toluene-d8 (S)	%	99	70-130	03/24/21 23:28	

LABORATORY CONTROL SAMPLE: 3207158

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.2	94	60-140	
1,1,1-Trichloroethane	ug/L	50	41.9	84	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	45.2	90	60-140	
1,1,2-Trichloroethane	ug/L	50	46.4	93	60-140	
1,1-Dichloroethane	ug/L	50	41.2	82	60-140	
1,1-Dichloroethene	ug/L	50	42.6	85	60-140	
1,1-Dichloropropene	ug/L	50	42.1	84	60-140	
1,2,3-Trichlorobenzene	ug/L	50	49.1	98	60-140	
1,2,3-Trichloropropane	ug/L	50	46.5	93	60-140	
1,2,4-Trichlorobenzene	ug/L	50	49.7	99	60-140	
1,2,4-Trimethylbenzene	ug/L	50	44.0	88	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	47.5	95	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	46.7	93	60-140	
1,2-Dichlorobenzene	ug/L	50	48.7	97	60-140	
1,2-Dichloroethane	ug/L	50	39.4	79	60-140	
1,2-Dichloropropane	ug/L	50	42.3	85	60-140	
1,3,5-Trimethylbenzene	ug/L	50	44.2	88	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529205

LABORATORY CONTROL SAMPLE: 3207158

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	44.5	89	60-140	
1,4-Dichlorobenzene	ug/L	50	49.6	99	60-140	
2,2-Dichloropropane	ug/L	50	43.9	88	60-140	
2-Chlorotoluene	ug/L	50	44.0	88	60-140	
4-Chlorotoluene	ug/L	50	44.2	88	60-140	
Benzene	ug/L	50	43.9	88	60-140	
Bromobenzene	ug/L	50	45.6	91	60-140	
Bromochloromethane	ug/L	50	47.6	95	60-140	
Bromodichloromethane	ug/L	50	41.9	84	60-140	
Bromoform	ug/L	50	46.5	93	60-140	
Bromomethane	ug/L	50	49.0	98	60-140	
Carbon tetrachloride	ug/L	50	46.9	94	60-140	
Chlorobenzene	ug/L	50	48.2	96	60-140	
Chloroethane	ug/L	50	42.5	85	60-140	
Chloroform	ug/L	50	41.1	82	60-140	
Chloromethane	ug/L	50	37.3	75	60-140	
cis-1,2-Dichloroethene	ug/L	50	40.9	82	60-140	
cis-1,3-Dichloropropene	ug/L	50	45.2	90	60-140	
Dibromochloromethane	ug/L	50	47.9	96	60-140	
Dibromomethane	ug/L	50	49.8	100	60-140	
Dichlorodifluoromethane	ug/L	50	45.0	90	60-140	
Diisopropyl ether	ug/L	50	37.3	75	60-140	
Ethylbenzene	ug/L	50	45.8	92	60-140	
Hexachloro-1,3-butadiene	ug/L	50	45.8	92	60-140	
Isopropylbenzene (Cumene)	ug/L	50	47.6	95	60-140	
m&p-Xylene	ug/L	100	92.6	93	60-140	
Methyl-tert-butyl ether	ug/L	50	41.6	83	60-140	
Methylene Chloride	ug/L	50	41.3	83	60-140	
n-Butylbenzene	ug/L	50	45.3	91	60-140	
n-Propylbenzene	ug/L	50	43.5	87	60-140	
Naphthalene	ug/L	50	49.5	99	60-140	
o-Xylene	ug/L	50	46.7	93	60-140	
sec-Butylbenzene	ug/L	50	45.4	91	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	47.1	94	60-140	
Toluene	ug/L	50	46.1	92	60-140	
trans-1,2-Dichloroethene	ug/L	50	41.5	83	60-140	
trans-1,3-Dichloropropene	ug/L	50	44.6	89	60-140	
Trichloroethene	ug/L	50	49.2	98	60-140	
Trichlorofluoromethane	ug/L	50	46.8	94	60-140	
Vinyl chloride	ug/L	50	40.7	81	60-140	
1,2-Dichloroethane-d4 (S)	%			86	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			96	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529205

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3207159 3207160											
Parameter	Units	92528789001 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	ND	400	400	397	395	99	99	60-140	1	
1,1,1-Trichloroethane	ug/L	ND	400	400	373	373	93	93	60-140	0	
1,1,2,2-Tetrachloroethane	ug/L	ND	400	400	376	371	94	93	60-140	1	
1,1,2-Trichloroethane	ug/L	ND	400	400	396	382	99	96	60-140	4	
1,1-Dichloroethane	ug/L	ND	400	400	354	357	89	89	60-140	1	
1,1-Dichloroethene	ug/L	ND	400	400	383	384	96	96	60-140	0	
1,1-Dichloropropene	ug/L	ND	400	400	372	367	93	92	60-140	1	
1,2,3-Trichlorobenzene	ug/L	ND	400	400	343	370	86	93	60-140	8	
1,2,3-Trichloropropane	ug/L	ND	400	400	391	389	98	97	60-140	1	
1,2,4-Trichlorobenzene	ug/L	ND	400	400	358	375	89	94	60-140	5	
1,2,4-Trimethylbenzene	ug/L	1660	400	400	1960	2040	74	95	60-140	4	
1,2-Dibromo-3-chloropropane	ug/L	ND	400	400	361	368	90	92	60-140	2	
1,2-Dibromoethane (EDB)	ug/L	ND	400	400	378	383	95	96	60-140	1	
1,2-Dichlorobenzene	ug/L	ND	400	400	380	388	95	97	60-140	2	
1,2-Dichloroethane	ug/L	ND	400	400	333	333	83	83	60-140	0	
1,2-Dichloropropane	ug/L	ND	400	400	366	354	91	88	60-140	3	
1,3,5-Trimethylbenzene	ug/L	ND	400	400	798	825	200	206	60-140	3	M1
1,3-Dichlorobenzene	ug/L	ND	400	400	385	389	96	97	60-140	1	
1,3-Dichloropropane	ug/L	ND	400	400	370	365	92	91	60-140	1	
1,4-Dichlorobenzene	ug/L	ND	400	400	381	394	95	99	60-140	3	
2,2-Dichloropropane	ug/L	ND	400	400	297	292	74	73	60-140	2	
2-Chlorotoluene	ug/L	ND	400	400	425	401	106	100	60-140	6	
4-Chlorotoluene	ug/L	ND	400	400	349	357	87	89	60-140	2	
Benzene	ug/L	428	400	400	806	811	94	96	60-140	1	
Bromobenzene	ug/L	ND	400	400	374	374	94	94	60-140	0	
Bromochloromethane	ug/L	ND	400	400	390	394	97	98	60-140	1	
Bromodichloromethane	ug/L	ND	400	400	356	349	89	87	60-140	2	
Bromoform	ug/L	ND	400	400	377	374	94	94	60-140	1	
Bromomethane	ug/L	ND	400	400	415	410	104	102	60-140	1	
Carbon tetrachloride	ug/L	ND	400	400	426	423	106	106	60-140	1	
Chlorobenzene	ug/L	ND	400	400	406	405	102	101	60-140	0	
Chloroethane	ug/L	ND	400	400	506	490	127	122	60-140	3	
Chloroform	ug/L	ND	400	400	356	351	88	87	60-140	1	
Chloromethane	ug/L	ND	400	400	290	309	72	77	60-140	7	
cis-1,2-Dichloroethene	ug/L	ND	400	400	351	350	88	87	60-140	0	
cis-1,3-Dichloropropene	ug/L	ND	400	400	361	352	90	88	60-140	3	
Dibromochloromethane	ug/L	ND	400	400	385	385	96	96	60-140	0	
Dibromomethane	ug/L	ND	400	400	420	416	105	104	60-140	1	
Dichlorodifluoromethane	ug/L	ND	400	400	383	399	96	100	60-140	4	
Diisopropyl ether	ug/L	ND	400	400	309	310	77	78	60-140	0	
Ethylbenzene	ug/L	1240	400	400	1640	1670	101	110	60-140	2	
Hexachloro-1,3-butadiene	ug/L	ND	400	400	355	369	89	92	60-140	4	
Isopropylbenzene (Cumene)	ug/L	78.5	400	400	494	490	104	103	60-140	1	
m&p-Xylene	ug/L	3450	800	800	4220	4290	97	105	60-140	2	
Methyl-tert-butyl ether	ug/L	ND	400	400	341	349	85	87	60-140	2	
Methylene Chloride	ug/L	ND	400	400	350	352	87	88	60-140	1	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92529205

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3207159 3207160											
Parameter	Units	92528789001		MS	MSD	MS	MSD	MS	MSD	% Rec	RPD
		Result	Conc.	Spike	Spike						
				Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	Qual
n-Butylbenzene	ug/L	ND	400	400	400	412	419	103	105	60-140	2
n-Propylbenzene	ug/L	ND	400	400	400	546	560	137	140	60-140	3
Naphthalene	ug/L	396	400	400	400	731	807	84	103	60-140	10
o-Xylene	ug/L	2480	400	400	400	2880	2930	101	114	60-140	2
sec-Butylbenzene	ug/L	ND	400	400	400	379	385	95	96	60-140	2
Styrene	ug/L	ND	400	400	400	403	402	101	100	60-140	0
tert-Butylbenzene	ug/L	ND	400	400	400	322	330	80	82	60-140	2
Tetrachloroethene	ug/L	ND	400	400	400	397	413	99	103	60-140	4
Toluene	ug/L	635	400	400	400	1040	1030	101	99	60-140	1
trans-1,2-Dichloroethene	ug/L	ND	400	400	400	360	356	90	89	60-140	1
trans-1,3-Dichloropropene	ug/L	ND	400	400	400	357	341	89	85	60-140	5
Trichloroethene	ug/L	ND	400	400	400	430	428	107	107	60-140	0
Trichlorofluoromethane	ug/L	ND	400	400	400	512	501	128	125	60-140	2
Vinyl chloride	ug/L	ND	400	400	400	354	356	88	89	60-140	1
1,2-Dichloroethane-d4 (S)	%							94	93	70-130	
4-Bromofluorobenzene (S)	%							99	98	70-130	
Toluene-d8 (S)	%							98	96	70-130	

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92529205

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92529205

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92529205001	13926B_HC_RD_20210323	MADEP VPH	608585		
92529205001	13926B_HC_RD_20210323	EPA 3010A	608729	EPA 6010D	608750
92529205001	13926B_HC_RD_20210323	SM 6200B	608908		

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

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

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

Project #

WO#: 92529205

PM: AMB

Due Date: 03/30/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-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 06, 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.: 92530272

Dear Andrew Street:

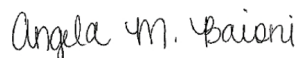
Enclosed are the analytical results for sample(s) received by the laboratory on March 30, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - 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

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530272

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92530272

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92530272001	13926A_HC_RD_20210330	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530272

Sample: 13926A_HC_RD_20210330		Lab ID: 92530272001		Collected: 03/30/21 12:40		Received: 03/30/21 13:40		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		03/30/21 20:17		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		03/30/21 20:17		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		03/30/21 20:17		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		03/30/21 20:17		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130	1		03/30/21 20:17	460-00-4		
4-Bromofluorobenzene (PID) (S)	91	%	70-130	1		03/30/21 20:17	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	03/31/21 01:27	04/05/21 20:10	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		03/31/21 00:57	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/31/21 00:57	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		03/31/21 00:57	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/31/21 00:57	75-27-4		
Bromoform	ND	ug/L	0.50	1		03/31/21 00:57	75-25-2		
Bromomethane	ND	ug/L	5.0	1		03/31/21 00:57	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		03/31/21 00:57	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		03/31/21 00:57	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		03/31/21 00:57	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/31/21 00:57	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/31/21 00:57	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/31/21 00:57	75-00-3		
Chloroform	ND	ug/L	0.50	1		03/31/21 00:57	67-66-3		
Chloromethane	ND	ug/L	1.0	1		03/31/21 00:57	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/31/21 00:57	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		03/31/21 00:57	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		03/31/21 00:57	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/31/21 00:57	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/31/21 00:57	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		03/31/21 00:57	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/31/21 00:57	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/31/21 00:57	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/31/21 00:57	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		03/31/21 00:57	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/31/21 00:57	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/31/21 00:57	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/31/21 00:57	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/31/21 00:57	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/31/21 00:57	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		03/31/21 00:57	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/31/21 00:57	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		03/31/21 00:57	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530272

Sample: 13926A_HC_RD_20210330		Lab ID: 92530272001	Collected: 03/30/21 12:40	Received: 03/30/21 13:40	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		03/31/21 00:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/31/21 00:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/31/21 00:57	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		03/31/21 00:57	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		03/31/21 00:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		03/31/21 00:57	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/31/21 00:57	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		03/31/21 00:57	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/31/21 00:57	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		03/31/21 00:57	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		03/31/21 00:57	103-65-1	
Styrene	ND	ug/L	0.50	1		03/31/21 00:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/31/21 00:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/31/21 00:57	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		03/31/21 00:57	127-18-4	
Toluene	ND	ug/L	0.50	1		03/31/21 00:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		03/31/21 00:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		03/31/21 00:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/31/21 00:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/31/21 00:57	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		03/31/21 00:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		03/31/21 00:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		03/31/21 00:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/31/21 00:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/31/21 00:57	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		03/31/21 00:57	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		03/31/21 00:57	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		03/31/21 00:57	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	89	%	70-130	1		03/31/21 00:57	17060-07-0	
4-Bromofluorobenzene (S)	91	%	70-130	1		03/31/21 00:57	460-00-4	
Toluene-d8 (S)	98	%	70-130	1		03/31/21 00:57	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92530272

QC Batch: 610287	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92530272001

METHOD BLANK: 3213678 Matrix: Water

Associated Lab Samples: 92530272001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	03/30/21 18:24	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	03/30/21 18:24	N2
Aromatic (C09-C10)	ug/L	ND	50.0	03/30/21 18:24	N2
4-Bromofluorobenzene (FID) (S)	%	105	70-130	03/30/21 18:24	
4-Bromofluorobenzene (PID) (S)	%	92	70-130	03/30/21 18:24	

LABORATORY CONTROL SAMPLE & LCSD: 3213679

LABORATORY CONTROL SAMPLE & LCSD: 3213679			3213680							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	291	287	97	96	70-130	1	25	N2
Aliphatic (C09-C12)	ug/L	300	305	297	102	99	70-130	2	25	N2
Aromatic (C09-C10)	ug/L	100	98.2	96.2	98	96	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				104	101	70-130			
4-Bromofluorobenzene (PID) (S)	%				90	88	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92530272

QC Batch: 610349	Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A	Analysis Description: 6010 MET
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92530272001

METHOD BLANK: 3213933 Matrix: Water

Associated Lab Samples: 92530272001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/05/21 17:43	

LABORATORY CONTROL SAMPLE: 3213934

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	494	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3213935 3213936

Parameter	Units	92529540001 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	494	496	98	99	75-125	1	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92530272

QC Batch:	610257	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92530272001

METHOD BLANK: 3213514 Matrix: Water

Associated Lab Samples: 92530272001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1,1-Trichloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1,2-Trichloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1-Dichloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1-Dichloroethene	ug/L	ND	0.50	03/30/21 23:27	
1,1-Dichloropropene	ug/L	ND	0.50	03/30/21 23:27	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	03/30/21 23:27	
1,2,3-Trichloropropane	ug/L	ND	0.50	03/30/21 23:27	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	03/30/21 23:27	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	03/30/21 23:27	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	03/30/21 23:27	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	03/30/21 23:27	
1,2-Dichlorobenzene	ug/L	ND	0.50	03/30/21 23:27	
1,2-Dichloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,2-Dichloropropane	ug/L	ND	0.50	03/30/21 23:27	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	03/30/21 23:27	
1,3-Dichlorobenzene	ug/L	ND	0.50	03/30/21 23:27	
1,3-Dichloropropane	ug/L	ND	0.50	03/30/21 23:27	
1,4-Dichlorobenzene	ug/L	ND	0.50	03/30/21 23:27	
2,2-Dichloropropane	ug/L	ND	0.50	03/30/21 23:27	
2-Chlorotoluene	ug/L	ND	0.50	03/30/21 23:27	
4-Chlorotoluene	ug/L	ND	0.50	03/30/21 23:27	
Benzene	ug/L	ND	0.50	03/30/21 23:27	
Bromobenzene	ug/L	ND	0.50	03/30/21 23:27	
Bromochloromethane	ug/L	ND	0.50	03/30/21 23:27	
Bromodichloromethane	ug/L	ND	0.50	03/30/21 23:27	
Bromoform	ug/L	ND	0.50	03/30/21 23:27	
Bromomethane	ug/L	ND	5.0	03/30/21 23:27	
Carbon tetrachloride	ug/L	ND	0.50	03/30/21 23:27	
Chlorobenzene	ug/L	ND	0.50	03/30/21 23:27	
Chloroethane	ug/L	ND	1.0	03/30/21 23:27	
Chloroform	ug/L	ND	0.50	03/30/21 23:27	
Chloromethane	ug/L	ND	1.0	03/30/21 23:27	
cis-1,2-Dichloroethene	ug/L	ND	0.50	03/30/21 23:27	
cis-1,3-Dichloropropene	ug/L	ND	0.50	03/30/21 23:27	
Dibromochloromethane	ug/L	ND	0.50	03/30/21 23:27	
Dibromomethane	ug/L	ND	0.50	03/30/21 23:27	
Dichlorodifluoromethane	ug/L	ND	0.50	03/30/21 23:27	
Diisopropyl ether	ug/L	ND	0.50	03/30/21 23:27	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92530272

METHOD BLANK: 3213514

Matrix: Water

Associated Lab Samples: 92530272001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	03/30/21 23:27	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	03/30/21 23:27	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	03/30/21 23:27	
m&p-Xylene	ug/L	ND	1.0	03/30/21 23:27	
Methyl-tert-butyl ether	ug/L	ND	0.50	03/30/21 23:27	
Methylene Chloride	ug/L	ND	2.0	03/30/21 23:27	
n-Butylbenzene	ug/L	ND	0.50	03/30/21 23:27	
n-Propylbenzene	ug/L	ND	0.50	03/30/21 23:27	
Naphthalene	ug/L	ND	2.0	03/30/21 23:27	
o-Xylene	ug/L	ND	0.50	03/30/21 23:27	
sec-Butylbenzene	ug/L	ND	0.50	03/30/21 23:27	
Styrene	ug/L	ND	0.50	03/30/21 23:27	
tert-Butylbenzene	ug/L	ND	0.50	03/30/21 23:27	
Tetrachloroethene	ug/L	ND	0.50	03/30/21 23:27	
Toluene	ug/L	ND	0.50	03/30/21 23:27	
trans-1,2-Dichloroethene	ug/L	ND	0.50	03/30/21 23:27	
trans-1,3-Dichloropropene	ug/L	ND	0.50	03/30/21 23:27	
Trichloroethene	ug/L	ND	0.50	03/30/21 23:27	
Trichlorofluoromethane	ug/L	ND	1.0	03/30/21 23:27	
Vinyl chloride	ug/L	ND	1.0	03/30/21 23:27	
1,2-Dichloroethane-d4 (S)	%	90	70-130	03/30/21 23:27	
4-Bromofluorobenzene (S)	%	92	70-130	03/30/21 23:27	
Toluene-d8 (S)	%	97	70-130	03/30/21 23:27	

LABORATORY CONTROL SAMPLE: 3213515

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	45.6	91	60-140	
1,1,1-Trichloroethane	ug/L	50	39.5	79	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	42.9	86	60-140	
1,1,2-Trichloroethane	ug/L	50	44.5	89	60-140	
1,1-Dichloroethane	ug/L	50	38.5	77	60-140	
1,1-Dichloroethene	ug/L	50	39.0	78	60-140	
1,1-Dichloropropene	ug/L	50	38.9	78	60-140	
1,2,3-Trichlorobenzene	ug/L	50	45.5	91	60-140	
1,2,3-Trichloropropane	ug/L	50	44.5	89	60-140	
1,2,4-Trichlorobenzene	ug/L	50	45.9	92	60-140	
1,2,4-Trimethylbenzene	ug/L	50	41.8	84	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	45.4	91	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	44.5	89	60-140	
1,2-Dichlorobenzene	ug/L	50	46.4	93	60-140	
1,2-Dichloroethane	ug/L	50	36.9	74	60-140	
1,2-Dichloropropane	ug/L	50	39.8	80	60-140	
1,3,5-Trimethylbenzene	ug/L	50	41.9	84	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530272

LABORATORY CONTROL SAMPLE: 3213515

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	46.6	93	60-140	
1,3-Dichloropropane	ug/L	50	42.1	84	60-140	
1,4-Dichlorobenzene	ug/L	50	47.2	94	60-140	
2,2-Dichloropropane	ug/L	50	39.6	79	60-140	
2-Chlorotoluene	ug/L	50	42.0	84	60-140	
4-Chlorotoluene	ug/L	50	41.1	82	60-140	
Benzene	ug/L	50	41.3	83	60-140	
Bromobenzene	ug/L	50	44.1	88	60-140	
Bromochloromethane	ug/L	50	44.2	88	60-140	
Bromodichloromethane	ug/L	50	39.7	79	60-140	
Bromoform	ug/L	50	44.9	90	60-140	
Bromomethane	ug/L	50	49.3	99	60-140	
Carbon tetrachloride	ug/L	50	45.1	90	60-140	
Chlorobenzene	ug/L	50	46.0	92	60-140	
Chloroethane	ug/L	50	40.2	80	60-140	
Chloroform	ug/L	50	38.5	77	60-140	
Chloromethane	ug/L	50	34.7	69	60-140	
cis-1,2-Dichloroethene	ug/L	50	37.9	76	60-140	
cis-1,3-Dichloropropene	ug/L	50	42.5	85	60-140	
Dibromochloromethane	ug/L	50	46.1	92	60-140	
Dibromomethane	ug/L	50	47.0	94	60-140	
Dichlorodifluoromethane	ug/L	50	39.8	80	60-140	
Diisopropyl ether	ug/L	50	34.4	69	60-140	
Ethylbenzene	ug/L	50	43.8	88	60-140	
Hexachloro-1,3-butadiene	ug/L	50	42.1	84	60-140	
Isopropylbenzene (Cumene)	ug/L	50	45.3	91	60-140	
m&p-Xylene	ug/L	100	87.7	88	60-140	
Methyl-tert-butyl ether	ug/L	50	39.8	80	60-140	
Methylene Chloride	ug/L	50	38.7	77	60-140	
n-Butylbenzene	ug/L	50	42.1	84	60-140	
n-Propylbenzene	ug/L	50	41.1	82	60-140	
Naphthalene	ug/L	50	46.5	93	60-140	
o-Xylene	ug/L	50	44.7	89	60-140	
sec-Butylbenzene	ug/L	50	42.5	85	60-140	
Styrene	ug/L	50	45.2	90	60-140	
tert-Butylbenzene	ug/L	50	36.3	73	60-140	
Tetrachloroethene	ug/L	50	45.8	92	60-140	
Toluene	ug/L	50	44.0	88	60-140	
trans-1,2-Dichloroethene	ug/L	50	38.6	77	60-140	
trans-1,3-Dichloropropene	ug/L	50	42.1	84	60-140	
Trichloroethene	ug/L	50	47.2	94	60-140	
Trichlorofluoromethane	ug/L	50	43.3	87	60-140	
Vinyl chloride	ug/L	50	37.5	75	60-140	
1,2-Dichloroethane-d4 (S)	%			85	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			97	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530272

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3213516 3213517											
Parameter	Units	92530210004		MS	MSD	3213517		MS	MSD	% Rec	Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
1,1,1,2-Tetrachloroethane	ug/L	ND	2000	2000	2000	2040	2030	102	102	60-140	0
1,1,1-Trichloroethane	ug/L	ND	2000	2000	2000	1900	1900	95	95	60-140	0
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2000	2000	1880	1860	94	93	60-140	1
1,1,2-Trichloroethane	ug/L	ND	2000	2000	2000	2050	2010	102	100	60-140	2
1,1-Dichloroethane	ug/L	ND	2000	2000	2000	1790	1800	90	90	60-140	0
1,1-Dichloroethene	ug/L	ND	2000	2000	2000	1940	1950	97	97	60-140	0
1,1-Dichloropropene	ug/L	ND	2000	2000	2000	1890	1880	94	94	60-140	1
1,2,3-Trichlorobenzene	ug/L	ND	2000	2000	2000	1870	1940	93	97	60-140	4
1,2,3-Trichloropropane	ug/L	ND	2000	2000	2000	1950	1940	98	97	60-140	1
1,2,4-Trichlorobenzene	ug/L	ND	2000	2000	2000	1920	1990	96	99	60-140	3
1,2,4-Trimethylbenzene	ug/L	1270	2000	2000	2000	3100	3180	92	96	60-140	3
1,2-Dibromo-3-chloropropane	ug/L	ND	2000	2000	2000	1860	1890	93	94	60-140	1
1,2-Dibromoethane (EDB)	ug/L	ND	2000	2000	2000	2000	1950	100	98	60-140	2
1,2-Dichlorobenzene	ug/L	ND	2000	2000	2000	2000	2030	100	102	60-140	2
1,2-Dichloroethane	ug/L	ND	2000	2000	2000	1690	1660	84	83	60-140	2
1,2-Dichloropropane	ug/L	ND	2000	2000	2000	1850	1850	92	93	60-140	0
1,3,5-Trimethylbenzene	ug/L	ND	2000	2000	2000	2190	2230	110	111	60-140	2
1,3-Dichlorobenzene	ug/L	ND	2000	2000	2000	2030	2060	102	103	60-140	1
1,3-Dichloropropane	ug/L	ND	2000	2000	2000	1860	1850	93	93	60-140	0
1,4-Dichlorobenzene	ug/L	ND	2000	2000	2000	2040	2070	102	104	60-140	2
2,2-Dichloropropane	ug/L	ND	2000	2000	2000	1560	1540	78	77	60-140	1
2-Chlorotoluene	ug/L	ND	2000	2000	2000	1940	1960	97	98	60-140	1
4-Chlorotoluene	ug/L	ND	2000	2000	2000	1830	1860	92	93	60-140	1
Benzene	ug/L	3890	2000	2000	2000	5850	5960	98	103	60-140	2
Bromobenzene	ug/L	ND	2000	2000	2000	1960	1980	98	99	60-140	1
Bromochloromethane	ug/L	ND	2000	2000	2000	2010	2030	100	102	60-140	1
Bromodichloromethane	ug/L	ND	2000	2000	2000	1790	1810	89	90	60-140	1
Bromoform	ug/L	ND	2000	2000	2000	1930	1900	96	95	60-140	1
Bromomethane	ug/L	ND	2000	2000	2000	1790	2200	89	110	60-140	21
Carbon tetrachloride	ug/L	ND	2000	2000	2000	2170	2230	109	111	60-140	2
Chlorobenzene	ug/L	ND	2000	2000	2000	2110	2090	105	105	60-140	1
Chloroethane	ug/L	ND	2000	2000	2000	2580	2540	129	127	60-140	2
Chloroform	ug/L	37.2J	2000	2000	2000	1800	1800	88	88	60-140	0
Chloromethane	ug/L	ND	2000	2000	2000	1480	1500	74	75	60-140	2
cis-1,2-Dichloroethene	ug/L	ND	2000	2000	2000	1760	1770	88	88	60-140	1
cis-1,3-Dichloropropene	ug/L	ND	2000	2000	2000	1850	1850	93	93	60-140	0
Dibromochloromethane	ug/L	ND	2000	2000	2000	1970	2010	98	100	60-140	2
Dibromomethane	ug/L	ND	2000	2000	2000	2200	2150	110	108	60-140	2
Dichlorodifluoromethane	ug/L	ND	2000	2000	2000	2100	2130	105	106	60-140	1
Diisopropyl ether	ug/L	ND	2000	2000	2000	1530	1530	76	77	60-140	0
Ethylbenzene	ug/L	1720	2000	2000	2000	3780	3810	103	104	60-140	1
Hexachloro-1,3-butadiene	ug/L	ND	2000	2000	2000	1880	1950	94	98	60-140	3
Isopropylbenzene (Cumene)	ug/L	57.5	2000	2000	2000	2160	2150	105	104	60-140	1
m&p-Xylene	ug/L	6100	4000	4000	4000	10200	10300	101	106	60-140	2
Methyl-tert-butyl ether	ug/L	ND	2000	2000	2000	1720	1740	86	87	60-140	1
Methylene Chloride	ug/L	ND	2000	2000	2000	1780	1760	89	88	60-140	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

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530272

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3213516 3213517											
Parameter	Units	92530210004		MS	MSD	MS		MSD	% Rec		Qual
		Result	Conc.	Spike	Spike	Result	Result	Conc.	% Rec	Limits	
n-Butylbenzene	ug/L	ND	2000	2000	2000	1880	1930	2000	94	96	2
n-Propylbenzene	ug/L	ND	2000	2000	2000	1980	2010	2000	99	100	1
Naphthalene	ug/L	708	2000	2000	2000	2240	2420	2000	76	85	8
o-Xylene	ug/L	2750	2000	2000	2000	4860	4910	2000	105	108	1
sec-Butylbenzene	ug/L	ND	2000	2000	2000	1980	2000	2000	99	100	1
Styrene	ug/L	34.6J	2000	2000	2000	2050	2040	2000	101	100	0
tert-Butylbenzene	ug/L	ND	2000	2000	2000	1670	1700	2000	83	85	2
Tetrachloroethene	ug/L	ND	2000	2000	2000	2140	2130	2000	107	107	0
Toluene	ug/L	12300	2000	2000	2000	14300	14600	2000	98	116	2
trans-1,2-Dichloroethene	ug/L	ND	2000	2000	2000	1810	1790	2000	90	90	1
trans-1,3-Dichloropropene	ug/L	ND	2000	2000	2000	1830	1810	2000	91	91	1
Trichloroethene	ug/L	ND	2000	2000	2000	2260	2240	2000	113	112	1
Trichlorofluoromethane	ug/L	ND	2000	2000	2000	2580	2540	2000	129	127	2
Vinyl chloride	ug/L	ND	2000	2000	2000	1740	1780	2000	87	89	2
1,2-Dichloroethane-d4 (S)	%								92	90	
4-Bromofluorobenzene (S)	%								95	96	
Toluene-d8 (S)	%								96	98	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530272

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92530272

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92530272001	13926A_HC_RD_20210330	MADEP VPH	610287		
92530272001	13926A_HC_RD_20210330	EPA 3010A	610349	EPA 6010D	610371
92530272001	13926A_HC_RD_20210330	SM 6200B	610257		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

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

Billing Information:

Company: Apex Companies
Address: _____

Container Preservative Type **

Lab Project Manager:

Report To: Andrew Street

Email To: Andrew.Street@apexcos.com

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Number or _____

Copy To: _____

Site Collection Info/Address: 13926A Huntswille Central Rd

Analyses

Lab Profile/Line:

Customer Project Name/Number: 2020-11-24/8 Incident

State: NC County/City: Huntswille 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: _____

Collected By (signature): Naomi Gutz Turnaround Date Required: _____ Immediately Packed on Ice: ☐ Yes ☐ No

Sample Disposal: _____ Rush: ☐ Same Day ☐ Next Day ☐ Field Filtered (if applicable): ☐ Yes ☐ No

☐ Archive: _____ ☐ 2 Day ☐ 3 Day ☐ 4 Day ☐ 5 Day Analysis: _____

☐ Hold: _____ (Expedite Charges Apply)

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (S), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID _____ Matrix * _____ Comp / Grab _____ Collected (or Composite Start) _____ Composite End _____ Res # of Ctns _____

B926A.HC.RD.20210530 DW G 3-30-21 1240 _____ _____ _____ 8

_____ _____ _____ _____ _____ _____ _____ _____

_____ _____ _____ _____ _____ _____ _____ _____

_____ _____ _____ _____ _____ _____ _____ _____

_____ _____ _____ _____ _____ _____ _____ _____

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_____ _____ _____ _____ _____ _____ _____ _____

_____ _____ _____ _____ _____ _____ _____ _____

_____ _____ _____ _____ _____ _____ _____ _____

_____ _____ _____ _____ _____ _____ _____ _____

UOLs 6200B
MADEP VPH
Lead

Lab Sample Receipt Checklist:
Custody Seals Present / Intact ☒ Y ☐ N NA
Custody Signatures Present ☒ Y ☐ N NA
Collector Signature Present ☒ Y ☐ N NA
Bottles Intact ☒ Y ☐ N NA
Correct Bottles ☒ Y ☐ N NA
Sufficient Volume ☒ Y ☐ N NA
Samples Received on Ice ☒ Y ☐ N NA
VDA - Headspace Acceptable ☒ Y ☐ N NA
VDA - Regulated Soils ☒ Y ☐ N NA
Samples in Holding Time ☒ Y ☐ N NA
Residual Chlorine Present ☒ Y ☐ N NA
Cl Strips: 23814 ☒ Y ☐ N NA
Sample pH Acceptable ☒ Y ☐ N NA
pH Strips: 23814 ☒ Y ☐ N NA
Sulfide Present ☒ Y ☐ N NA
Lead Acetate Strips: 23814 ☒ Y ☐ N NA

LAB USE ONLY:
Lab Sample # / Comments: 92530272
001

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

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

Lab Sample Temperature Info: _____

Packing Material Used:

Lab Tracking #:

2615882

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

Samples received via:

FEDEX UPS Client

Courier

MTL LAB USE ONLY

Temp Blank Received: Y NA
Therm ID#: 921064
Cooler 1 Temp Upon Receipt: 5.8 °C
Cooler 1 Therm Corr. Factor: 0 °C
Cooler 1 Corrected Temp: 5.8 °C

Relinquished by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Table #:

Comments:

Relinquished by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Template:

Trip Blank Received: Y NA
HCL MeOH TSP Other

Relinquished by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Prelogin:

Non Conformance(s): _____ Page: _____ of: _____

Relinquished by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

PMI:

YES / NO

M0# : 92530272

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

[illegible]

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 06, 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.: 92530273

Dear Andrew Street:

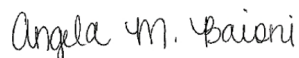
Enclosed are the analytical results for sample(s) received by the laboratory on March 30, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - 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

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530273

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92530273

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92530273001	14401_HC_RD_20210330	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530273

Sample: 14401_HC_RD_20210330		Lab ID: 92530273001		Collected: 03/30/21 09:35		Received: 03/30/21 13:40		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		03/30/21 20:46		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		03/30/21 20:46		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		03/30/21 20:46		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		03/30/21 20:46		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130	1		03/30/21 20:46	460-00-4		
4-Bromofluorobenzene (PID) (S)	91	%	70-130	1		03/30/21 20:46	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	03/31/21 01:27	04/05/21 20:14	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		03/31/21 01:15	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/31/21 01:15	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		03/31/21 01:15	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/31/21 01:15	75-27-4		
Bromoform	ND	ug/L	0.50	1		03/31/21 01:15	75-25-2		
Bromomethane	ND	ug/L	5.0	1		03/31/21 01:15	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		03/31/21 01:15	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		03/31/21 01:15	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		03/31/21 01:15	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/31/21 01:15	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/31/21 01:15	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/31/21 01:15	75-00-3		
Chloroform	ND	ug/L	0.50	1		03/31/21 01:15	67-66-3		
Chloromethane	ND	ug/L	1.0	1		03/31/21 01:15	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/31/21 01:15	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		03/31/21 01:15	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		03/31/21 01:15	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/31/21 01:15	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/31/21 01:15	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		03/31/21 01:15	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/31/21 01:15	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/31/21 01:15	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/31/21 01:15	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		03/31/21 01:15	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/31/21 01:15	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/31/21 01:15	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/31/21 01:15	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/31/21 01:15	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/31/21 01:15	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		03/31/21 01:15	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/31/21 01:15	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		03/31/21 01:15	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530273

Sample: 14401_HC_RD_20210330		Lab ID: 92530273001		Collected: 03/30/21 09:35		Received: 03/30/21 13:40		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		03/31/21 01:15	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/31/21 01:15	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/31/21 01:15	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		03/31/21 01:15	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		03/31/21 01:15	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		03/31/21 01:15	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/31/21 01:15	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		03/31/21 01:15	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/31/21 01:15	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		03/31/21 01:15	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/31/21 01:15	103-65-1		
Styrene	ND	ug/L	0.50	1		03/31/21 01:15	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/31/21 01:15	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/31/21 01:15	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		03/31/21 01:15	127-18-4		
Toluene	ND	ug/L	0.50	1		03/31/21 01:15	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		03/31/21 01:15	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		03/31/21 01:15	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/31/21 01:15	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/31/21 01:15	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		03/31/21 01:15	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		03/31/21 01:15	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		03/31/21 01:15	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/31/21 01:15	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/31/21 01:15	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		03/31/21 01:15	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		03/31/21 01:15	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/31/21 01:15	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	70-130	1		03/31/21 01:15	17060-07-0		
4-Bromofluorobenzene (S)	90	%	70-130	1		03/31/21 01:15	460-00-4		
Toluene-d8 (S)	99	%	70-130	1		03/31/21 01:15	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530273

QC Batch: 610287

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92530273001

METHOD BLANK: 3213678

Matrix: Water

Associated Lab Samples: 92530273001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	03/30/21 18:24	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	03/30/21 18:24	N2
Aromatic (C09-C10)	ug/L	ND	50.0	03/30/21 18:24	N2
4-Bromofluorobenzene (FID) (S)	%	105	70-130	03/30/21 18:24	
4-Bromofluorobenzene (PID) (S)	%	92	70-130	03/30/21 18:24	

LABORATORY CONTROL SAMPLE & LCSD: 3213679

3213680

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	291	287	97	96	70-130	1	25	N2
Aliphatic (C09-C12)	ug/L	300	305	297	102	99	70-130	2	25	N2
Aromatic (C09-C10)	ug/L	100	98.2	96.2	98	96	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				104	101	70-130			
4-Bromofluorobenzene (PID) (S)	%				90	88	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92530273

QC Batch: 610349	Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A	Analysis Description: 6010 MET
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92530273001

METHOD BLANK: 3213933 Matrix: Water

Associated Lab Samples: 92530273001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/05/21 17:43	

LABORATORY CONTROL SAMPLE: 3213934

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	494	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3213935 3213936

Parameter	Units	92529540001 Result	MS	MSD	MS Result	MSD Result	MS	MSD	% Rec Limits	RPD	Qual
			Spike Conc.	Spike Conc.			% Rec	% Rec			
Lead	ug/L	ND	500	500	494	496	98	99	75-125	1	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92530273

QC Batch:	610257	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92530273001

METHOD BLANK: 3213514 Matrix: Water

Associated Lab Samples: 92530273001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1,1-Trichloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1,2-Trichloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1-Dichloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1-Dichloroethene	ug/L	ND	0.50	03/30/21 23:27	
1,1-Dichloropropene	ug/L	ND	0.50	03/30/21 23:27	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	03/30/21 23:27	
1,2,3-Trichloropropane	ug/L	ND	0.50	03/30/21 23:27	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	03/30/21 23:27	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	03/30/21 23:27	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	03/30/21 23:27	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	03/30/21 23:27	
1,2-Dichlorobenzene	ug/L	ND	0.50	03/30/21 23:27	
1,2-Dichloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,2-Dichloropropane	ug/L	ND	0.50	03/30/21 23:27	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	03/30/21 23:27	
1,3-Dichlorobenzene	ug/L	ND	0.50	03/30/21 23:27	
1,3-Dichloropropane	ug/L	ND	0.50	03/30/21 23:27	
1,4-Dichlorobenzene	ug/L	ND	0.50	03/30/21 23:27	
2,2-Dichloropropane	ug/L	ND	0.50	03/30/21 23:27	
2-Chlorotoluene	ug/L	ND	0.50	03/30/21 23:27	
4-Chlorotoluene	ug/L	ND	0.50	03/30/21 23:27	
Benzene	ug/L	ND	0.50	03/30/21 23:27	
Bromobenzene	ug/L	ND	0.50	03/30/21 23:27	
Bromochloromethane	ug/L	ND	0.50	03/30/21 23:27	
Bromodichloromethane	ug/L	ND	0.50	03/30/21 23:27	
Bromoform	ug/L	ND	0.50	03/30/21 23:27	
Bromomethane	ug/L	ND	5.0	03/30/21 23:27	
Carbon tetrachloride	ug/L	ND	0.50	03/30/21 23:27	
Chlorobenzene	ug/L	ND	0.50	03/30/21 23:27	
Chloroethane	ug/L	ND	1.0	03/30/21 23:27	
Chloroform	ug/L	ND	0.50	03/30/21 23:27	
Chloromethane	ug/L	ND	1.0	03/30/21 23:27	
cis-1,2-Dichloroethene	ug/L	ND	0.50	03/30/21 23:27	
cis-1,3-Dichloropropene	ug/L	ND	0.50	03/30/21 23:27	
Dibromochloromethane	ug/L	ND	0.50	03/30/21 23:27	
Dibromomethane	ug/L	ND	0.50	03/30/21 23:27	
Dichlorodifluoromethane	ug/L	ND	0.50	03/30/21 23:27	
Diisopropyl ether	ug/L	ND	0.50	03/30/21 23:27	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92530273

METHOD BLANK: 3213514

Matrix: Water

Associated Lab Samples: 92530273001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	03/30/21 23:27	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	03/30/21 23:27	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	03/30/21 23:27	
m&p-Xylene	ug/L	ND	1.0	03/30/21 23:27	
Methyl-tert-butyl ether	ug/L	ND	0.50	03/30/21 23:27	
Methylene Chloride	ug/L	ND	2.0	03/30/21 23:27	
n-Butylbenzene	ug/L	ND	0.50	03/30/21 23:27	
n-Propylbenzene	ug/L	ND	0.50	03/30/21 23:27	
Naphthalene	ug/L	ND	2.0	03/30/21 23:27	
o-Xylene	ug/L	ND	0.50	03/30/21 23:27	
sec-Butylbenzene	ug/L	ND	0.50	03/30/21 23:27	
Styrene	ug/L	ND	0.50	03/30/21 23:27	
tert-Butylbenzene	ug/L	ND	0.50	03/30/21 23:27	
Tetrachloroethene	ug/L	ND	0.50	03/30/21 23:27	
Toluene	ug/L	ND	0.50	03/30/21 23:27	
trans-1,2-Dichloroethene	ug/L	ND	0.50	03/30/21 23:27	
trans-1,3-Dichloropropene	ug/L	ND	0.50	03/30/21 23:27	
Trichloroethene	ug/L	ND	0.50	03/30/21 23:27	
Trichlorofluoromethane	ug/L	ND	1.0	03/30/21 23:27	
Vinyl chloride	ug/L	ND	1.0	03/30/21 23:27	
1,2-Dichloroethane-d4 (S)	%	90	70-130	03/30/21 23:27	
4-Bromofluorobenzene (S)	%	92	70-130	03/30/21 23:27	
Toluene-d8 (S)	%	97	70-130	03/30/21 23:27	

LABORATORY CONTROL SAMPLE: 3213515

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	45.6	91	60-140	
1,1,1-Trichloroethane	ug/L	50	39.5	79	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	42.9	86	60-140	
1,1,2-Trichloroethane	ug/L	50	44.5	89	60-140	
1,1-Dichloroethane	ug/L	50	38.5	77	60-140	
1,1-Dichloroethene	ug/L	50	39.0	78	60-140	
1,1-Dichloropropene	ug/L	50	38.9	78	60-140	
1,2,3-Trichlorobenzene	ug/L	50	45.5	91	60-140	
1,2,3-Trichloropropane	ug/L	50	44.5	89	60-140	
1,2,4-Trichlorobenzene	ug/L	50	45.9	92	60-140	
1,2,4-Trimethylbenzene	ug/L	50	41.8	84	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	45.4	91	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	44.5	89	60-140	
1,2-Dichlorobenzene	ug/L	50	46.4	93	60-140	
1,2-Dichloroethane	ug/L	50	36.9	74	60-140	
1,2-Dichloropropane	ug/L	50	39.8	80	60-140	
1,3,5-Trimethylbenzene	ug/L	50	41.9	84	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530273

LABORATORY CONTROL SAMPLE: 3213515

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	46.6	93	60-140	
1,3-Dichloropropane	ug/L	50	42.1	84	60-140	
1,4-Dichlorobenzene	ug/L	50	47.2	94	60-140	
2,2-Dichloropropane	ug/L	50	39.6	79	60-140	
2-Chlorotoluene	ug/L	50	42.0	84	60-140	
4-Chlorotoluene	ug/L	50	41.1	82	60-140	
Benzene	ug/L	50	41.3	83	60-140	
Bromobenzene	ug/L	50	44.1	88	60-140	
Bromochloromethane	ug/L	50	44.2	88	60-140	
Bromodichloromethane	ug/L	50	39.7	79	60-140	
Bromoform	ug/L	50	44.9	90	60-140	
Bromomethane	ug/L	50	49.3	99	60-140	
Carbon tetrachloride	ug/L	50	45.1	90	60-140	
Chlorobenzene	ug/L	50	46.0	92	60-140	
Chloroethane	ug/L	50	40.2	80	60-140	
Chloroform	ug/L	50	38.5	77	60-140	
Chloromethane	ug/L	50	34.7	69	60-140	
cis-1,2-Dichloroethene	ug/L	50	37.9	76	60-140	
cis-1,3-Dichloropropene	ug/L	50	42.5	85	60-140	
Dibromochloromethane	ug/L	50	46.1	92	60-140	
Dibromomethane	ug/L	50	47.0	94	60-140	
Dichlorodifluoromethane	ug/L	50	39.8	80	60-140	
Diisopropyl ether	ug/L	50	34.4	69	60-140	
Ethylbenzene	ug/L	50	43.8	88	60-140	
Hexachloro-1,3-butadiene	ug/L	50	42.1	84	60-140	
Isopropylbenzene (Cumene)	ug/L	50	45.3	91	60-140	
m&p-Xylene	ug/L	100	87.7	88	60-140	
Methyl-tert-butyl ether	ug/L	50	39.8	80	60-140	
Methylene Chloride	ug/L	50	38.7	77	60-140	
n-Butylbenzene	ug/L	50	42.1	84	60-140	
n-Propylbenzene	ug/L	50	41.1	82	60-140	
Naphthalene	ug/L	50	46.5	93	60-140	
o-Xylene	ug/L	50	44.7	89	60-140	
sec-Butylbenzene	ug/L	50	42.5	85	60-140	
Styrene	ug/L	50	45.2	90	60-140	
tert-Butylbenzene	ug/L	50	36.3	73	60-140	
Tetrachloroethene	ug/L	50	45.8	92	60-140	
Toluene	ug/L	50	44.0	88	60-140	
trans-1,2-Dichloroethene	ug/L	50	38.6	77	60-140	
trans-1,3-Dichloropropene	ug/L	50	42.1	84	60-140	
Trichloroethene	ug/L	50	47.2	94	60-140	
Trichlorofluoromethane	ug/L	50	43.3	87	60-140	
Vinyl chloride	ug/L	50	37.5	75	60-140	
1,2-Dichloroethane-d4 (S)	%			85	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			97	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530273

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3213516 3213517											
Parameter	Units	92530210004		MS	MSD	3213517		MS	MSD	% Rec	Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
1,1,1,2-Tetrachloroethane	ug/L	ND	2000	2000	2000	2040	2030	102	102	60-140	0
1,1,1-Trichloroethane	ug/L	ND	2000	2000	2000	1900	1900	95	95	60-140	0
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2000	2000	1880	1860	94	93	60-140	1
1,1,2-Trichloroethane	ug/L	ND	2000	2000	2000	2050	2010	102	100	60-140	2
1,1-Dichloroethane	ug/L	ND	2000	2000	2000	1790	1800	90	90	60-140	0
1,1-Dichloroethene	ug/L	ND	2000	2000	2000	1940	1950	97	97	60-140	0
1,1-Dichloropropene	ug/L	ND	2000	2000	2000	1890	1880	94	94	60-140	1
1,2,3-Trichlorobenzene	ug/L	ND	2000	2000	2000	1870	1940	93	97	60-140	4
1,2,3-Trichloropropane	ug/L	ND	2000	2000	2000	1950	1940	98	97	60-140	1
1,2,4-Trichlorobenzene	ug/L	ND	2000	2000	2000	1920	1990	96	99	60-140	3
1,2,4-Trimethylbenzene	ug/L	1270	2000	2000	2000	3100	3180	92	96	60-140	3
1,2-Dibromo-3-chloropropane	ug/L	ND	2000	2000	2000	1860	1890	93	94	60-140	1
1,2-Dibromoethane (EDB)	ug/L	ND	2000	2000	2000	2000	1950	100	98	60-140	2
1,2-Dichlorobenzene	ug/L	ND	2000	2000	2000	2000	2030	100	102	60-140	2
1,2-Dichloroethane	ug/L	ND	2000	2000	2000	1690	1660	84	83	60-140	2
1,2-Dichloropropane	ug/L	ND	2000	2000	2000	1850	1850	92	93	60-140	0
1,3,5-Trimethylbenzene	ug/L	ND	2000	2000	2000	2190	2230	110	111	60-140	2
1,3-Dichlorobenzene	ug/L	ND	2000	2000	2000	2030	2060	102	103	60-140	1
1,3-Dichloropropane	ug/L	ND	2000	2000	2000	1860	1850	93	93	60-140	0
1,4-Dichlorobenzene	ug/L	ND	2000	2000	2000	2040	2070	102	104	60-140	2
2,2-Dichloropropane	ug/L	ND	2000	2000	2000	1560	1540	78	77	60-140	1
2-Chlorotoluene	ug/L	ND	2000	2000	2000	1940	1960	97	98	60-140	1
4-Chlorotoluene	ug/L	ND	2000	2000	2000	1830	1860	92	93	60-140	1
Benzene	ug/L	3890	2000	2000	2000	5850	5960	98	103	60-140	2
Bromobenzene	ug/L	ND	2000	2000	2000	1960	1980	98	99	60-140	1
Bromochloromethane	ug/L	ND	2000	2000	2000	2010	2030	100	102	60-140	1
Bromodichloromethane	ug/L	ND	2000	2000	2000	1790	1810	89	90	60-140	1
Bromoform	ug/L	ND	2000	2000	2000	1930	1900	96	95	60-140	1
Bromomethane	ug/L	ND	2000	2000	2000	1790	2200	89	110	60-140	21
Carbon tetrachloride	ug/L	ND	2000	2000	2000	2170	2230	109	111	60-140	2
Chlorobenzene	ug/L	ND	2000	2000	2000	2110	2090	105	105	60-140	1
Chloroethane	ug/L	ND	2000	2000	2000	2580	2540	129	127	60-140	2
Chloroform	ug/L	37.2J	2000	2000	2000	1800	1800	88	88	60-140	0
Chloromethane	ug/L	ND	2000	2000	2000	1480	1500	74	75	60-140	2
cis-1,2-Dichloroethene	ug/L	ND	2000	2000	2000	1760	1770	88	88	60-140	1
cis-1,3-Dichloropropene	ug/L	ND	2000	2000	2000	1850	1850	93	93	60-140	0
Dibromochloromethane	ug/L	ND	2000	2000	2000	1970	2010	98	100	60-140	2
Dibromomethane	ug/L	ND	2000	2000	2000	2200	2150	110	108	60-140	2
Dichlorodifluoromethane	ug/L	ND	2000	2000	2000	2100	2130	105	106	60-140	1
Diisopropyl ether	ug/L	ND	2000	2000	2000	1530	1530	76	77	60-140	0
Ethylbenzene	ug/L	1720	2000	2000	2000	3780	3810	103	104	60-140	1
Hexachloro-1,3-butadiene	ug/L	ND	2000	2000	2000	1880	1950	94	98	60-140	3
Isopropylbenzene (Cumene)	ug/L	57.5	2000	2000	2000	2160	2150	105	104	60-140	1
m&p-Xylene	ug/L	6100	4000	4000	4000	10200	10300	101	106	60-140	2
Methyl-tert-butyl ether	ug/L	ND	2000	2000	2000	1720	1740	86	87	60-140	1
Methylene Chloride	ug/L	ND	2000	2000	2000	1780	1760	89	88	60-140	1

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530273

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3213516				3213517								
Parameter	92530210004		MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.								
n-Butylbenzene	ug/L	ND	2000	2000	1880	1930	94	96	60-140	2		
n-Propylbenzene	ug/L	ND	2000	2000	1980	2010	99	100	60-140	1		
Naphthalene	ug/L	708	2000	2000	2240	2420	76	85	60-140	8		
o-Xylene	ug/L	2750	2000	2000	4860	4910	105	108	60-140	1		
sec-Butylbenzene	ug/L	ND	2000	2000	1980	2000	99	100	60-140	1		
Styrene	ug/L	34.6J	2000	2000	2050	2040	101	100	60-140	0		
tert-Butylbenzene	ug/L	ND	2000	2000	1670	1700	83	85	60-140	2		
Tetrachloroethene	ug/L	ND	2000	2000	2140	2130	107	107	60-140	0		
Toluene	ug/L	12300	2000	2000	14300	14600	98	116	60-140	2		
trans-1,2-Dichloroethene	ug/L	ND	2000	2000	1810	1790	90	90	60-140	1		
trans-1,3-Dichloropropene	ug/L	ND	2000	2000	1830	1810	91	91	60-140	1		
Trichloroethene	ug/L	ND	2000	2000	2260	2240	113	112	60-140	1		
Trichlorofluoromethane	ug/L	ND	2000	2000	2580	2540	129	127	60-140	2		
Vinyl chloride	ug/L	ND	2000	2000	1740	1780	87	89	60-140	2		
1,2-Dichloroethane-d4 (S)	%						92	90	70-130			
4-Bromofluorobenzene (S)	%						95	96	70-130			
Toluene-d8 (S)	%						96	98	70-130			

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530273

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92530273

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92530273001	14401_HC_RD_20210330	MADEP VPH	610287		
92530273001	14401_HC_RD_20210330	EPA 3010A	610349	EPA 6010D	610371
92530273001	14401_HC_RD_20210330	SM 6200B	610257		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

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

Billing Information:

Company: Aperx Companies
Address: _____

Report To: Andrew Street

Email To: Andrew.Street@aperx.com

Copy To: _____

Customer Project Name/Number: 2020-21-2448 Incident

Site Collection Info/Address: 19401 Huntersville Concord Rd

State: _____ County/City: _____ Time Zone Collected: _____

Phone: _____ Site/Facility ID #: _____

Collected By (print): Adam Holtz

Purchase Order #: _____

Collected By (signature): Adam Holtz

Turnaround Date Required: _____

Sample Disposal: Return

Rush: ASAP

☐ Dispose as appropriate ☐ Return

☐ Same Day ☐ Next Day ☐ 2 Day ☐ 3 Day ☐ 4 Day ☐ 5 Day

☐ Archive: _____

Analysis: _____

☐ Hold: _____

Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (S), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID: 19401-HL-20210330

Matrix: DW

Comp / Grab: G

Collected (or Composite Start) Date: 3-30-21 Time: 0935

Composite End Date: _____ Time: _____

Res CI: 8

Type of Ice Used: Wet

Blue Dry None

Packing Material Used: _____

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

Relinquished by/Company: (Signature) _____

Date/Time: 3-30-21 1340

Relinquished by/Company: (Signature) _____

Date/Time: 3-30-21 1340

Relinquished by/Company: (Signature) _____

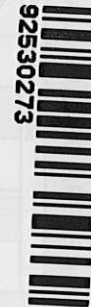
Date/Time: _____

Relinquished by/Company: (Signature) _____

Date/Time: _____

LAB USE ONLY

W0#: 92530273



Container: 92530273

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) methanol, (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:	Lab Sample Receipt Checklist:
Custody Seals Present /Intact	☒ Y ☐ N
Custody Signatures Present	☒ Y ☐ N
Collector Signatures Present	☒ Y ☐ N
Bottles Intact	☒ Y ☐ N
Correct Bottles	☒ Y ☐ N
Sufficient Volume	☒ Y ☐ N
Samples Received on Ice	☒ Y ☐ N
VOA - Headspace Acceptable	☒ Y ☐ N
USDA Regulated Soils	☒ Y ☐ N
Samples in Holding Time	☒ Y ☐ N
Residual Chlorine Present	☒ Y ☐ N
CI Strips:	☒ Y ☐ N
Sample pH Acceptable	☒ Y ☐ N
pH Strips: <u>8.2819</u>	☒ Y ☐ N
Sulfide Present	☒ Y ☐ N
Lead Acetate Strips:	☒ Y ☐ N

LAB USE ONLY:
Lab Sample # / Comments: 92530273
001

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

Lab Tracking #: 2615887

Samples received via: FEDEX UPS Client

Date/Time: 3-30-21 13:40

Date/Time: _____

Date/Time: _____

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#: 927064

Cooler 1 Temp Upon Receipt: 5.6 °C

Cooler 1 Therm Corr. Factor: 0 °C

Cooler 1 Corrected Temp: 5.6 °C

*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

Project #

WO#: 92530273

PM: AMB

Due Date: 04/06/21

CLIENT: 92-APEX MOOR

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

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	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																													
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 06, 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.: 92530274

Dear Andrew Street:

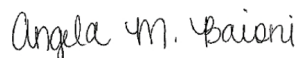
Enclosed are the analytical results for sample(s) received by the laboratory on March 30, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - 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

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530274

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92530274

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92530274001	13926B_HC_RD_20210330	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530274

Sample: 13926B_HC_RD_20210330		Lab ID: 92530274001		Collected: 03/30/21 12:10		Received: 03/30/21 13:40		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		03/30/21 21:14		N2
Aliphatic (C09-C12)		ND	ug/L	50.0	1		03/30/21 21:14		N2
Aliphatic(C09-C12) Adjusted		ND	ug/L	50.0	1		03/30/21 21:14		N2
Aromatic (C09-C10)		ND	ug/L	50.0	1		03/30/21 21:14		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)		103	%	70-130	1		03/30/21 21:14	460-00-4	
4-Bromofluorobenzene (PID) (S)		90	%	70-130	1		03/30/21 21:14	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A							
		Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	03/31/21 01:27	04/05/21 20:24	7439-92-1		
6200B MSV		Analytical Method: SM 6200B							
		Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		03/31/21 01:33	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/31/21 01:33	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		03/31/21 01:33	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/31/21 01:33	75-27-4		
Bromoform	ND	ug/L	0.50	1		03/31/21 01:33	75-25-2		
Bromomethane	ND	ug/L	5.0	1		03/31/21 01:33	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		03/31/21 01:33	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		03/31/21 01:33	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		03/31/21 01:33	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/31/21 01:33	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/31/21 01:33	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/31/21 01:33	75-00-3		
Chloroform	7.5	ug/L	0.50	1		03/31/21 01:33	67-66-3		
Chloromethane	ND	ug/L	1.0	1		03/31/21 01:33	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/31/21 01:33	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		03/31/21 01:33	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		03/31/21 01:33	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/31/21 01:33	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/31/21 01:33	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		03/31/21 01:33	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/31/21 01:33	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/31/21 01:33	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/31/21 01:33	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		03/31/21 01:33	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/31/21 01:33	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/31/21 01:33	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/31/21 01:33	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/31/21 01:33	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/31/21 01:33	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		03/31/21 01:33	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/31/21 01:33	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		03/31/21 01:33	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530274

Sample: 13926B_HC_RD_20210330		Lab ID: 92530274001		Collected: 03/30/21 12:10		Received: 03/30/21 13:40		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		03/31/21 01:33	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/31/21 01:33	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/31/21 01:33	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		03/31/21 01:33	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		03/31/21 01:33	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		03/31/21 01:33	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/31/21 01:33	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		03/31/21 01:33	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/31/21 01:33	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		03/31/21 01:33	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/31/21 01:33	103-65-1		
Styrene	ND	ug/L	0.50	1		03/31/21 01:33	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/31/21 01:33	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/31/21 01:33	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		03/31/21 01:33	127-18-4		
Toluene	ND	ug/L	0.50	1		03/31/21 01:33	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		03/31/21 01:33	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		03/31/21 01:33	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/31/21 01:33	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/31/21 01:33	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		03/31/21 01:33	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		03/31/21 01:33	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		03/31/21 01:33	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/31/21 01:33	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/31/21 01:33	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		03/31/21 01:33	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		03/31/21 01:33	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/31/21 01:33	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%	70-130	1		03/31/21 01:33	17060-07-0		
4-Bromofluorobenzene (S)	89	%	70-130	1		03/31/21 01:33	460-00-4		
Toluene-d8 (S)	98	%	70-130	1		03/31/21 01:33	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92530274

QC Batch: 610287	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92530274001

METHOD BLANK: 3213678 Matrix: Water

Associated Lab Samples: 92530274001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	03/30/21 18:24	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	03/30/21 18:24	N2
Aromatic (C09-C10)	ug/L	ND	50.0	03/30/21 18:24	N2
4-Bromofluorobenzene (FID) (S)	%	105	70-130	03/30/21 18:24	
4-Bromofluorobenzene (PID) (S)	%	92	70-130	03/30/21 18:24	

LABORATORY CONTROL SAMPLE & LCSD: 3213679

LABORATORY CONTROL SAMPLE & LCSD: 3213679			3213680							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	291	287	97	96	70-130	1	25	N2
Aliphatic (C09-C12)	ug/L	300	305	297	102	99	70-130	2	25	N2
Aromatic (C09-C10)	ug/L	100	98.2	96.2	98	96	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				104	101	70-130			
4-Bromofluorobenzene (PID) (S)	%				90	88	70-130			

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530274

QC Batch: 610349

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92530274001

METHOD BLANK: 3213933

Matrix: Water

Associated Lab Samples: 92530274001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/05/21 17:43	

LABORATORY CONTROL SAMPLE: 3213934

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	494	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3213935 3213936

Parameter	Units	92529540001 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	494	496	98	99	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

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92530274

QC Batch: 610257	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92530274001

METHOD BLANK: 3213514 Matrix: Water

Associated Lab Samples: 92530274001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1,1-Trichloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1,2-Trichloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1-Dichloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1-Dichloroethene	ug/L	ND	0.50	03/30/21 23:27	
1,1-Dichloropropene	ug/L	ND	0.50	03/30/21 23:27	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	03/30/21 23:27	
1,2,3-Trichloropropane	ug/L	ND	0.50	03/30/21 23:27	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	03/30/21 23:27	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	03/30/21 23:27	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	03/30/21 23:27	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	03/30/21 23:27	
1,2-Dichlorobenzene	ug/L	ND	0.50	03/30/21 23:27	
1,2-Dichloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,2-Dichloropropane	ug/L	ND	0.50	03/30/21 23:27	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	03/30/21 23:27	
1,3-Dichlorobenzene	ug/L	ND	0.50	03/30/21 23:27	
1,3-Dichloropropane	ug/L	ND	0.50	03/30/21 23:27	
1,4-Dichlorobenzene	ug/L	ND	0.50	03/30/21 23:27	
2,2-Dichloropropane	ug/L	ND	0.50	03/30/21 23:27	
2-Chlorotoluene	ug/L	ND	0.50	03/30/21 23:27	
4-Chlorotoluene	ug/L	ND	0.50	03/30/21 23:27	
Benzene	ug/L	ND	0.50	03/30/21 23:27	
Bromobenzene	ug/L	ND	0.50	03/30/21 23:27	
Bromochloromethane	ug/L	ND	0.50	03/30/21 23:27	
Bromodichloromethane	ug/L	ND	0.50	03/30/21 23:27	
Bromoform	ug/L	ND	0.50	03/30/21 23:27	
Bromomethane	ug/L	ND	5.0	03/30/21 23:27	
Carbon tetrachloride	ug/L	ND	0.50	03/30/21 23:27	
Chlorobenzene	ug/L	ND	0.50	03/30/21 23:27	
Chloroethane	ug/L	ND	1.0	03/30/21 23:27	
Chloroform	ug/L	ND	0.50	03/30/21 23:27	
Chloromethane	ug/L	ND	1.0	03/30/21 23:27	
cis-1,2-Dichloroethene	ug/L	ND	0.50	03/30/21 23:27	
cis-1,3-Dichloropropene	ug/L	ND	0.50	03/30/21 23:27	
Dibromochloromethane	ug/L	ND	0.50	03/30/21 23:27	
Dibromomethane	ug/L	ND	0.50	03/30/21 23:27	
Dichlorodifluoromethane	ug/L	ND	0.50	03/30/21 23:27	
Diisopropyl ether	ug/L	ND	0.50	03/30/21 23:27	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92530274

METHOD BLANK: 3213514

Matrix: Water

Associated Lab Samples: 92530274001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	03/30/21 23:27	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	03/30/21 23:27	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	03/30/21 23:27	
m&p-Xylene	ug/L	ND	1.0	03/30/21 23:27	
Methyl-tert-butyl ether	ug/L	ND	0.50	03/30/21 23:27	
Methylene Chloride	ug/L	ND	2.0	03/30/21 23:27	
n-Butylbenzene	ug/L	ND	0.50	03/30/21 23:27	
n-Propylbenzene	ug/L	ND	0.50	03/30/21 23:27	
Naphthalene	ug/L	ND	2.0	03/30/21 23:27	
o-Xylene	ug/L	ND	0.50	03/30/21 23:27	
sec-Butylbenzene	ug/L	ND	0.50	03/30/21 23:27	
Styrene	ug/L	ND	0.50	03/30/21 23:27	
tert-Butylbenzene	ug/L	ND	0.50	03/30/21 23:27	
Tetrachloroethene	ug/L	ND	0.50	03/30/21 23:27	
Toluene	ug/L	ND	0.50	03/30/21 23:27	
trans-1,2-Dichloroethene	ug/L	ND	0.50	03/30/21 23:27	
trans-1,3-Dichloropropene	ug/L	ND	0.50	03/30/21 23:27	
Trichloroethene	ug/L	ND	0.50	03/30/21 23:27	
Trichlorofluoromethane	ug/L	ND	1.0	03/30/21 23:27	
Vinyl chloride	ug/L	ND	1.0	03/30/21 23:27	
1,2-Dichloroethane-d4 (S)	%	90	70-130	03/30/21 23:27	
4-Bromofluorobenzene (S)	%	92	70-130	03/30/21 23:27	
Toluene-d8 (S)	%	97	70-130	03/30/21 23:27	

LABORATORY CONTROL SAMPLE: 3213515

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	45.6	91	60-140	
1,1,1-Trichloroethane	ug/L	50	39.5	79	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	42.9	86	60-140	
1,1,2-Trichloroethane	ug/L	50	44.5	89	60-140	
1,1-Dichloroethane	ug/L	50	38.5	77	60-140	
1,1-Dichloroethene	ug/L	50	39.0	78	60-140	
1,1-Dichloropropene	ug/L	50	38.9	78	60-140	
1,2,3-Trichlorobenzene	ug/L	50	45.5	91	60-140	
1,2,3-Trichloropropane	ug/L	50	44.5	89	60-140	
1,2,4-Trichlorobenzene	ug/L	50	45.9	92	60-140	
1,2,4-Trimethylbenzene	ug/L	50	41.8	84	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	45.4	91	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	44.5	89	60-140	
1,2-Dichlorobenzene	ug/L	50	46.4	93	60-140	
1,2-Dichloroethane	ug/L	50	36.9	74	60-140	
1,2-Dichloropropane	ug/L	50	39.8	80	60-140	
1,3,5-Trimethylbenzene	ug/L	50	41.9	84	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530274

LABORATORY CONTROL SAMPLE: 3213515

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	46.6	93	60-140	
1,3-Dichloropropane	ug/L	50	42.1	84	60-140	
1,4-Dichlorobenzene	ug/L	50	47.2	94	60-140	
2,2-Dichloropropane	ug/L	50	39.6	79	60-140	
2-Chlorotoluene	ug/L	50	42.0	84	60-140	
4-Chlorotoluene	ug/L	50	41.1	82	60-140	
Benzene	ug/L	50	41.3	83	60-140	
Bromobenzene	ug/L	50	44.1	88	60-140	
Bromochloromethane	ug/L	50	44.2	88	60-140	
Bromodichloromethane	ug/L	50	39.7	79	60-140	
Bromoform	ug/L	50	44.9	90	60-140	
Bromomethane	ug/L	50	49.3	99	60-140	
Carbon tetrachloride	ug/L	50	45.1	90	60-140	
Chlorobenzene	ug/L	50	46.0	92	60-140	
Chloroethane	ug/L	50	40.2	80	60-140	
Chloroform	ug/L	50	38.5	77	60-140	
Chloromethane	ug/L	50	34.7	69	60-140	
cis-1,2-Dichloroethene	ug/L	50	37.9	76	60-140	
cis-1,3-Dichloropropene	ug/L	50	42.5	85	60-140	
Dibromochloromethane	ug/L	50	46.1	92	60-140	
Dibromomethane	ug/L	50	47.0	94	60-140	
Dichlorodifluoromethane	ug/L	50	39.8	80	60-140	
Diisopropyl ether	ug/L	50	34.4	69	60-140	
Ethylbenzene	ug/L	50	43.8	88	60-140	
Hexachloro-1,3-butadiene	ug/L	50	42.1	84	60-140	
Isopropylbenzene (Cumene)	ug/L	50	45.3	91	60-140	
m&p-Xylene	ug/L	100	87.7	88	60-140	
Methyl-tert-butyl ether	ug/L	50	39.8	80	60-140	
Methylene Chloride	ug/L	50	38.7	77	60-140	
n-Butylbenzene	ug/L	50	42.1	84	60-140	
n-Propylbenzene	ug/L	50	41.1	82	60-140	
Naphthalene	ug/L	50	46.5	93	60-140	
o-Xylene	ug/L	50	44.7	89	60-140	
sec-Butylbenzene	ug/L	50	42.5	85	60-140	
Styrene	ug/L	50	45.2	90	60-140	
tert-Butylbenzene	ug/L	50	36.3	73	60-140	
Tetrachloroethene	ug/L	50	45.8	92	60-140	
Toluene	ug/L	50	44.0	88	60-140	
trans-1,2-Dichloroethene	ug/L	50	38.6	77	60-140	
trans-1,3-Dichloropropene	ug/L	50	42.1	84	60-140	
Trichloroethene	ug/L	50	47.2	94	60-140	
Trichlorofluoromethane	ug/L	50	43.3	87	60-140	
Vinyl chloride	ug/L	50	37.5	75	60-140	
1,2-Dichloroethane-d4 (S)	%			85	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			97	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530274

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3213516 3213517											
Parameter	Units	92530210004		MS	MSD	3213517		MS	MSD	% Rec	Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
1,1,1,2-Tetrachloroethane	ug/L	ND	2000	2000	2000	2040	2030	102	102	60-140	0
1,1,1-Trichloroethane	ug/L	ND	2000	2000	2000	1900	1900	95	95	60-140	0
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2000	2000	1880	1860	94	93	60-140	1
1,1,2-Trichloroethane	ug/L	ND	2000	2000	2000	2050	2010	102	100	60-140	2
1,1-Dichloroethane	ug/L	ND	2000	2000	2000	1790	1800	90	90	60-140	0
1,1-Dichloroethene	ug/L	ND	2000	2000	2000	1940	1950	97	97	60-140	0
1,1-Dichloropropene	ug/L	ND	2000	2000	2000	1890	1880	94	94	60-140	1
1,2,3-Trichlorobenzene	ug/L	ND	2000	2000	2000	1870	1940	93	97	60-140	4
1,2,3-Trichloropropane	ug/L	ND	2000	2000	2000	1950	1940	98	97	60-140	1
1,2,4-Trichlorobenzene	ug/L	ND	2000	2000	2000	1920	1990	96	99	60-140	3
1,2,4-Trimethylbenzene	ug/L	1270	2000	2000	2000	3100	3180	92	96	60-140	3
1,2-Dibromo-3-chloropropane	ug/L	ND	2000	2000	2000	1860	1890	93	94	60-140	1
1,2-Dibromoethane (EDB)	ug/L	ND	2000	2000	2000	2000	1950	100	98	60-140	2
1,2-Dichlorobenzene	ug/L	ND	2000	2000	2000	2000	2030	100	102	60-140	2
1,2-Dichloroethane	ug/L	ND	2000	2000	2000	1690	1660	84	83	60-140	2
1,2-Dichloropropane	ug/L	ND	2000	2000	2000	1850	1850	92	93	60-140	0
1,3,5-Trimethylbenzene	ug/L	ND	2000	2000	2000	2190	2230	110	111	60-140	2
1,3-Dichlorobenzene	ug/L	ND	2000	2000	2000	2030	2060	102	103	60-140	1
1,3-Dichloropropane	ug/L	ND	2000	2000	2000	1860	1850	93	93	60-140	0
1,4-Dichlorobenzene	ug/L	ND	2000	2000	2000	2040	2070	102	104	60-140	2
2,2-Dichloropropane	ug/L	ND	2000	2000	2000	1560	1540	78	77	60-140	1
2-Chlorotoluene	ug/L	ND	2000	2000	2000	1940	1960	97	98	60-140	1
4-Chlorotoluene	ug/L	ND	2000	2000	2000	1830	1860	92	93	60-140	1
Benzene	ug/L	3890	2000	2000	2000	5850	5960	98	103	60-140	2
Bromobenzene	ug/L	ND	2000	2000	2000	1960	1980	98	99	60-140	1
Bromochloromethane	ug/L	ND	2000	2000	2000	2010	2030	100	102	60-140	1
Bromodichloromethane	ug/L	ND	2000	2000	2000	1790	1810	89	90	60-140	1
Bromoform	ug/L	ND	2000	2000	2000	1930	1900	96	95	60-140	1
Bromomethane	ug/L	ND	2000	2000	2000	1790	2200	89	110	60-140	21
Carbon tetrachloride	ug/L	ND	2000	2000	2000	2170	2230	109	111	60-140	2
Chlorobenzene	ug/L	ND	2000	2000	2000	2110	2090	105	105	60-140	1
Chloroethane	ug/L	ND	2000	2000	2000	2580	2540	129	127	60-140	2
Chloroform	ug/L	37.2J	2000	2000	2000	1800	1800	88	88	60-140	0
Chloromethane	ug/L	ND	2000	2000	2000	1480	1500	74	75	60-140	2
cis-1,2-Dichloroethene	ug/L	ND	2000	2000	2000	1760	1770	88	88	60-140	1
cis-1,3-Dichloropropene	ug/L	ND	2000	2000	2000	1850	1850	93	93	60-140	0
Dibromochloromethane	ug/L	ND	2000	2000	2000	1970	2010	98	100	60-140	2
Dibromomethane	ug/L	ND	2000	2000	2000	2200	2150	110	108	60-140	2
Dichlorodifluoromethane	ug/L	ND	2000	2000	2000	2100	2130	105	106	60-140	1
Diisopropyl ether	ug/L	ND	2000	2000	2000	1530	1530	76	77	60-140	0
Ethylbenzene	ug/L	1720	2000	2000	2000	3780	3810	103	104	60-140	1
Hexachloro-1,3-butadiene	ug/L	ND	2000	2000	2000	1880	1950	94	98	60-140	3
Isopropylbenzene (Cumene)	ug/L	57.5	2000	2000	2000	2160	2150	105	104	60-140	1
m&p-Xylene	ug/L	6100	4000	4000	4000	10200	10300	101	106	60-140	2
Methyl-tert-butyl ether	ug/L	ND	2000	2000	2000	1720	1740	86	87	60-140	1
Methylene Chloride	ug/L	ND	2000	2000	2000	1780	1760	89	88	60-140	1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530274

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3213516 3213517											
Parameter	92530210004		MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.							
n-Butylbenzene	ug/L	ND	2000	2000	1880	1930	94	96	60-140	2	
n-Propylbenzene	ug/L	ND	2000	2000	1980	2010	99	100	60-140	1	
Naphthalene	ug/L	708	2000	2000	2240	2420	76	85	60-140	8	
o-Xylene	ug/L	2750	2000	2000	4860	4910	105	108	60-140	1	
sec-Butylbenzene	ug/L	ND	2000	2000	1980	2000	99	100	60-140	1	
Styrene	ug/L	34.6J	2000	2000	2050	2040	101	100	60-140	0	
tert-Butylbenzene	ug/L	ND	2000	2000	1670	1700	83	85	60-140	2	
Tetrachloroethene	ug/L	ND	2000	2000	2140	2130	107	107	60-140	0	
Toluene	ug/L	12300	2000	2000	14300	14600	98	116	60-140	2	
trans-1,2-Dichloroethene	ug/L	ND	2000	2000	1810	1790	90	90	60-140	1	
trans-1,3-Dichloropropene	ug/L	ND	2000	2000	1830	1810	91	91	60-140	1	
Trichloroethene	ug/L	ND	2000	2000	2260	2240	113	112	60-140	1	
Trichlorofluoromethane	ug/L	ND	2000	2000	2580	2540	129	127	60-140	2	
Vinyl chloride	ug/L	ND	2000	2000	1740	1780	87	89	60-140	2	
1,2-Dichloroethane-d4 (S)	%						92	90	70-130		
4-Bromofluorobenzene (S)	%						95	96	70-130		
Toluene-d8 (S)	%						96	98	70-130		

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530274

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92530274

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92530274001	13926B_HC_RD_20210330	MADEP VPH	610287		
92530274001	13926B_HC_RD_20210330	EPA 3010A	610349	EPA 6010D	610371
92530274001	13926B_HC_RD_20210330	SM 6200B	610257		

REPORT OF LABORATORY ANALYSIS

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April 06, 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.: 92530276

Dear Andrew Street:

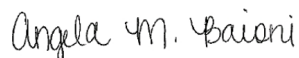
Enclosed are the analytical results for sample(s) received by the laboratory on March 30, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - 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

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530276

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

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92530276

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92530276001	13800_HC_RD_20210330	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530276

Sample: 13800_HC_RD_20210330		Lab ID: 92530276001		Collected: 03/30/21 08:30		Received: 03/30/21 13:45		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		03/30/21 21:43		N2
Aliphatic (C09-C12)		ND	ug/L	50.0	1		03/30/21 21:43		N2
Aliphatic(C09-C12) Adjusted		ND	ug/L	50.0	1		03/30/21 21:43		N2
Aromatic (C09-C10)		ND	ug/L	50.0	1		03/30/21 21:43		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)		108	%	70-130	1		03/30/21 21:43	460-00-4	
4-Bromofluorobenzene (PID) (S)		95	%	70-130	1		03/30/21 21:43	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A							
		Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	03/31/21 01:27	04/05/21 20:27	7439-92-1		
6200B MSV		Analytical Method: SM 6200B							
		Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		03/31/21 01:51	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/31/21 01:51	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		03/31/21 01:51	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/31/21 01:51	75-27-4		
Bromoform	ND	ug/L	0.50	1		03/31/21 01:51	75-25-2		
Bromomethane	ND	ug/L	5.0	1		03/31/21 01:51	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		03/31/21 01:51	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		03/31/21 01:51	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		03/31/21 01:51	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/31/21 01:51	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/31/21 01:51	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/31/21 01:51	75-00-3		
Chloroform	ND	ug/L	0.50	1		03/31/21 01:51	67-66-3		
Chloromethane	ND	ug/L	1.0	1		03/31/21 01:51	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/31/21 01:51	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		03/31/21 01:51	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		03/31/21 01:51	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/31/21 01:51	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/31/21 01:51	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		03/31/21 01:51	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/31/21 01:51	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/31/21 01:51	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/31/21 01:51	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		03/31/21 01:51	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/31/21 01:51	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/31/21 01:51	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/31/21 01:51	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/31/21 01:51	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/31/21 01:51	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		03/31/21 01:51	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/31/21 01:51	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		03/31/21 01:51	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530276

Sample: 13800_HC_RD_20210330		Lab ID: 92530276001		Collected: 03/30/21 08:30		Received: 03/30/21 13:45		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		03/31/21 01:51	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/31/21 01:51	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/31/21 01:51	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		03/31/21 01:51	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		03/31/21 01:51	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		03/31/21 01:51	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/31/21 01:51	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		03/31/21 01:51	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/31/21 01:51	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		03/31/21 01:51	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/31/21 01:51	103-65-1		
Styrene	ND	ug/L	0.50	1		03/31/21 01:51	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/31/21 01:51	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/31/21 01:51	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		03/31/21 01:51	127-18-4		
Toluene	ND	ug/L	0.50	1		03/31/21 01:51	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		03/31/21 01:51	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		03/31/21 01:51	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/31/21 01:51	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/31/21 01:51	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		03/31/21 01:51	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		03/31/21 01:51	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		03/31/21 01:51	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/31/21 01:51	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/31/21 01:51	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		03/31/21 01:51	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		03/31/21 01:51	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/31/21 01:51	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	70-130	1		03/31/21 01:51	17060-07-0		
4-Bromofluorobenzene (S)	89	%	70-130	1		03/31/21 01:51	460-00-4		
Toluene-d8 (S)	97	%	70-130	1		03/31/21 01:51	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530276

QC Batch: 610287	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92530276001

METHOD BLANK: 3213678 Matrix: Water

Associated Lab Samples: 92530276001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	03/30/21 18:24	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	03/30/21 18:24	N2
Aromatic (C09-C10)	ug/L	ND	50.0	03/30/21 18:24	N2
4-Bromofluorobenzene (FID) (S)	%	105	70-130	03/30/21 18:24	
4-Bromofluorobenzene (PID) (S)	%	92	70-130	03/30/21 18:24	

LABORATORY CONTROL SAMPLE & LCSD: 3213679

LABORATORY CONTROL SAMPLE & LCS#:			3213679								3213680		
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers			
Aliphatic (C05-C08)	ug/L	300	291	287	97	96	70-130	1	25	N2			
Aliphatic (C09-C12)	ug/L	300	305	297	102	99	70-130	2	25	N2			
Aromatic (C09-C10)	ug/L	100	98.2	96.2	98	96	70-130	2	25	N2			
4-Bromofluorobenzene (FID) (S)	%				104	101	70-130						
4-Bromofluorobenzene (PID) (S)	%				90	88	70-130						

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530276

QC Batch: 610349

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92530276001

METHOD BLANK: 3213933

Matrix: Water

Associated Lab Samples: 92530276001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/05/21 17:43	

LABORATORY CONTROL SAMPLE: 3213934

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	494	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3213935 3213936

Parameter	Units	92529540001 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	494	496	98	99	75-125	1	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92530276

QC Batch:	610257	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92530276001

METHOD BLANK: 3213514 Matrix: Water

Associated Lab Samples: 92530276001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1,1-Trichloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1,2-Trichloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1-Dichloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1-Dichloroethene	ug/L	ND	0.50	03/30/21 23:27	
1,1-Dichloropropene	ug/L	ND	0.50	03/30/21 23:27	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	03/30/21 23:27	
1,2,3-Trichloropropane	ug/L	ND	0.50	03/30/21 23:27	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	03/30/21 23:27	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	03/30/21 23:27	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	03/30/21 23:27	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	03/30/21 23:27	
1,2-Dichlorobenzene	ug/L	ND	0.50	03/30/21 23:27	
1,2-Dichloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,2-Dichloropropane	ug/L	ND	0.50	03/30/21 23:27	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	03/30/21 23:27	
1,3-Dichlorobenzene	ug/L	ND	0.50	03/30/21 23:27	
1,3-Dichloropropane	ug/L	ND	0.50	03/30/21 23:27	
1,4-Dichlorobenzene	ug/L	ND	0.50	03/30/21 23:27	
2,2-Dichloropropane	ug/L	ND	0.50	03/30/21 23:27	
2-Chlorotoluene	ug/L	ND	0.50	03/30/21 23:27	
4-Chlorotoluene	ug/L	ND	0.50	03/30/21 23:27	
Benzene	ug/L	ND	0.50	03/30/21 23:27	
Bromobenzene	ug/L	ND	0.50	03/30/21 23:27	
Bromochloromethane	ug/L	ND	0.50	03/30/21 23:27	
Bromodichloromethane	ug/L	ND	0.50	03/30/21 23:27	
Bromoform	ug/L	ND	0.50	03/30/21 23:27	
Bromomethane	ug/L	ND	5.0	03/30/21 23:27	
Carbon tetrachloride	ug/L	ND	0.50	03/30/21 23:27	
Chlorobenzene	ug/L	ND	0.50	03/30/21 23:27	
Chloroethane	ug/L	ND	1.0	03/30/21 23:27	
Chloroform	ug/L	ND	0.50	03/30/21 23:27	
Chloromethane	ug/L	ND	1.0	03/30/21 23:27	
cis-1,2-Dichloroethene	ug/L	ND	0.50	03/30/21 23:27	
cis-1,3-Dichloropropene	ug/L	ND	0.50	03/30/21 23:27	
Dibromochloromethane	ug/L	ND	0.50	03/30/21 23:27	
Dibromomethane	ug/L	ND	0.50	03/30/21 23:27	
Dichlorodifluoromethane	ug/L	ND	0.50	03/30/21 23:27	
Diisopropyl ether	ug/L	ND	0.50	03/30/21 23:27	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92530276

METHOD BLANK: 3213514

Matrix: Water

Associated Lab Samples: 92530276001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	03/30/21 23:27	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	03/30/21 23:27	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	03/30/21 23:27	
m&p-Xylene	ug/L	ND	1.0	03/30/21 23:27	
Methyl-tert-butyl ether	ug/L	ND	0.50	03/30/21 23:27	
Methylene Chloride	ug/L	ND	2.0	03/30/21 23:27	
n-Butylbenzene	ug/L	ND	0.50	03/30/21 23:27	
n-Propylbenzene	ug/L	ND	0.50	03/30/21 23:27	
Naphthalene	ug/L	ND	2.0	03/30/21 23:27	
o-Xylene	ug/L	ND	0.50	03/30/21 23:27	
sec-Butylbenzene	ug/L	ND	0.50	03/30/21 23:27	
Styrene	ug/L	ND	0.50	03/30/21 23:27	
tert-Butylbenzene	ug/L	ND	0.50	03/30/21 23:27	
Tetrachloroethene	ug/L	ND	0.50	03/30/21 23:27	
Toluene	ug/L	ND	0.50	03/30/21 23:27	
trans-1,2-Dichloroethene	ug/L	ND	0.50	03/30/21 23:27	
trans-1,3-Dichloropropene	ug/L	ND	0.50	03/30/21 23:27	
Trichloroethene	ug/L	ND	0.50	03/30/21 23:27	
Trichlorofluoromethane	ug/L	ND	1.0	03/30/21 23:27	
Vinyl chloride	ug/L	ND	1.0	03/30/21 23:27	
1,2-Dichloroethane-d4 (S)	%	90	70-130	03/30/21 23:27	
4-Bromofluorobenzene (S)	%	92	70-130	03/30/21 23:27	
Toluene-d8 (S)	%	97	70-130	03/30/21 23:27	

LABORATORY CONTROL SAMPLE: 3213515

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	45.6	91	60-140	
1,1,1-Trichloroethane	ug/L	50	39.5	79	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	42.9	86	60-140	
1,1,2-Trichloroethane	ug/L	50	44.5	89	60-140	
1,1-Dichloroethane	ug/L	50	38.5	77	60-140	
1,1-Dichloroethene	ug/L	50	39.0	78	60-140	
1,1-Dichloropropene	ug/L	50	38.9	78	60-140	
1,2,3-Trichlorobenzene	ug/L	50	45.5	91	60-140	
1,2,3-Trichloropropane	ug/L	50	44.5	89	60-140	
1,2,4-Trichlorobenzene	ug/L	50	45.9	92	60-140	
1,2,4-Trimethylbenzene	ug/L	50	41.8	84	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	45.4	91	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	44.5	89	60-140	
1,2-Dichlorobenzene	ug/L	50	46.4	93	60-140	
1,2-Dichloroethane	ug/L	50	36.9	74	60-140	
1,2-Dichloropropane	ug/L	50	39.8	80	60-140	
1,3,5-Trimethylbenzene	ug/L	50	41.9	84	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530276

LABORATORY CONTROL SAMPLE: 3213515

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	46.6	93	60-140	
1,3-Dichloropropane	ug/L	50	42.1	84	60-140	
1,4-Dichlorobenzene	ug/L	50	47.2	94	60-140	
2,2-Dichloropropane	ug/L	50	39.6	79	60-140	
2-Chlorotoluene	ug/L	50	42.0	84	60-140	
4-Chlorotoluene	ug/L	50	41.1	82	60-140	
Benzene	ug/L	50	41.3	83	60-140	
Bromobenzene	ug/L	50	44.1	88	60-140	
Bromochloromethane	ug/L	50	44.2	88	60-140	
Bromodichloromethane	ug/L	50	39.7	79	60-140	
Bromoform	ug/L	50	44.9	90	60-140	
Bromomethane	ug/L	50	49.3	99	60-140	
Carbon tetrachloride	ug/L	50	45.1	90	60-140	
Chlorobenzene	ug/L	50	46.0	92	60-140	
Chloroethane	ug/L	50	40.2	80	60-140	
Chloroform	ug/L	50	38.5	77	60-140	
Chloromethane	ug/L	50	34.7	69	60-140	
cis-1,2-Dichloroethene	ug/L	50	37.9	76	60-140	
cis-1,3-Dichloropropene	ug/L	50	42.5	85	60-140	
Dibromochloromethane	ug/L	50	46.1	92	60-140	
Dibromomethane	ug/L	50	47.0	94	60-140	
Dichlorodifluoromethane	ug/L	50	39.8	80	60-140	
Diisopropyl ether	ug/L	50	34.4	69	60-140	
Ethylbenzene	ug/L	50	43.8	88	60-140	
Hexachloro-1,3-butadiene	ug/L	50	42.1	84	60-140	
Isopropylbenzene (Cumene)	ug/L	50	45.3	91	60-140	
m&p-Xylene	ug/L	100	87.7	88	60-140	
Methyl-tert-butyl ether	ug/L	50	39.8	80	60-140	
Methylene Chloride	ug/L	50	38.7	77	60-140	
n-Butylbenzene	ug/L	50	42.1	84	60-140	
n-Propylbenzene	ug/L	50	41.1	82	60-140	
Naphthalene	ug/L	50	46.5	93	60-140	
o-Xylene	ug/L	50	44.7	89	60-140	
sec-Butylbenzene	ug/L	50	42.5	85	60-140	
Styrene	ug/L	50	45.2	90	60-140	
tert-Butylbenzene	ug/L	50	36.3	73	60-140	
Tetrachloroethene	ug/L	50	45.8	92	60-140	
Toluene	ug/L	50	44.0	88	60-140	
trans-1,2-Dichloroethene	ug/L	50	38.6	77	60-140	
trans-1,3-Dichloropropene	ug/L	50	42.1	84	60-140	
Trichloroethene	ug/L	50	47.2	94	60-140	
Trichlorofluoromethane	ug/L	50	43.3	87	60-140	
Vinyl chloride	ug/L	50	37.5	75	60-140	
1,2-Dichloroethane-d4 (S)	%			85	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			97	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530276

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3213516 3213517											
Parameter	Units	92530210004		MS	MSD	3213517		MS	MSD	% Rec	Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
1,1,1,2-Tetrachloroethane	ug/L	ND	2000	2000	2000	2040	2030	102	102	60-140	0
1,1,1-Trichloroethane	ug/L	ND	2000	2000	2000	1900	1900	95	95	60-140	0
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2000	2000	1880	1860	94	93	60-140	1
1,1,2-Trichloroethane	ug/L	ND	2000	2000	2000	2050	2010	102	100	60-140	2
1,1-Dichloroethane	ug/L	ND	2000	2000	2000	1790	1800	90	90	60-140	0
1,1-Dichloroethene	ug/L	ND	2000	2000	2000	1940	1950	97	97	60-140	0
1,1-Dichloropropene	ug/L	ND	2000	2000	2000	1890	1880	94	94	60-140	1
1,2,3-Trichlorobenzene	ug/L	ND	2000	2000	2000	1870	1940	93	97	60-140	4
1,2,3-Trichloropropane	ug/L	ND	2000	2000	2000	1950	1940	98	97	60-140	1
1,2,4-Trichlorobenzene	ug/L	ND	2000	2000	2000	1920	1990	96	99	60-140	3
1,2,4-Trimethylbenzene	ug/L	1270	2000	2000	2000	3100	3180	92	96	60-140	3
1,2-Dibromo-3-chloropropane	ug/L	ND	2000	2000	2000	1860	1890	93	94	60-140	1
1,2-Dibromoethane (EDB)	ug/L	ND	2000	2000	2000	2000	1950	100	98	60-140	2
1,2-Dichlorobenzene	ug/L	ND	2000	2000	2000	2000	2030	100	102	60-140	2
1,2-Dichloroethane	ug/L	ND	2000	2000	2000	1690	1660	84	83	60-140	2
1,2-Dichloropropane	ug/L	ND	2000	2000	2000	1850	1850	92	93	60-140	0
1,3,5-Trimethylbenzene	ug/L	ND	2000	2000	2000	2190	2230	110	111	60-140	2
1,3-Dichlorobenzene	ug/L	ND	2000	2000	2000	2030	2060	102	103	60-140	1
1,3-Dichloropropane	ug/L	ND	2000	2000	2000	1860	1850	93	93	60-140	0
1,4-Dichlorobenzene	ug/L	ND	2000	2000	2000	2040	2070	102	104	60-140	2
2,2-Dichloropropane	ug/L	ND	2000	2000	2000	1560	1540	78	77	60-140	1
2-Chlorotoluene	ug/L	ND	2000	2000	2000	1940	1960	97	98	60-140	1
4-Chlorotoluene	ug/L	ND	2000	2000	2000	1830	1860	92	93	60-140	1
Benzene	ug/L	3890	2000	2000	2000	5850	5960	98	103	60-140	2
Bromobenzene	ug/L	ND	2000	2000	2000	1960	1980	98	99	60-140	1
Bromochloromethane	ug/L	ND	2000	2000	2000	2010	2030	100	102	60-140	1
Bromodichloromethane	ug/L	ND	2000	2000	2000	1790	1810	89	90	60-140	1
Bromoform	ug/L	ND	2000	2000	2000	1930	1900	96	95	60-140	1
Bromomethane	ug/L	ND	2000	2000	2000	1790	2200	89	110	60-140	21
Carbon tetrachloride	ug/L	ND	2000	2000	2000	2170	2230	109	111	60-140	2
Chlorobenzene	ug/L	ND	2000	2000	2000	2110	2090	105	105	60-140	1
Chloroethane	ug/L	ND	2000	2000	2000	2580	2540	129	127	60-140	2
Chloroform	ug/L	37.2J	2000	2000	2000	1800	1800	88	88	60-140	0
Chloromethane	ug/L	ND	2000	2000	2000	1480	1500	74	75	60-140	2
cis-1,2-Dichloroethene	ug/L	ND	2000	2000	2000	1760	1770	88	88	60-140	1
cis-1,3-Dichloropropene	ug/L	ND	2000	2000	2000	1850	1850	93	93	60-140	0
Dibromochloromethane	ug/L	ND	2000	2000	2000	1970	2010	98	100	60-140	2
Dibromomethane	ug/L	ND	2000	2000	2000	2200	2150	110	108	60-140	2
Dichlorodifluoromethane	ug/L	ND	2000	2000	2000	2100	2130	105	106	60-140	1
Diisopropyl ether	ug/L	ND	2000	2000	2000	1530	1530	76	77	60-140	0
Ethylbenzene	ug/L	1720	2000	2000	2000	3780	3810	103	104	60-140	1
Hexachloro-1,3-butadiene	ug/L	ND	2000	2000	2000	1880	1950	94	98	60-140	3
Isopropylbenzene (Cumene)	ug/L	57.5	2000	2000	2000	2160	2150	105	104	60-140	1
m&p-Xylene	ug/L	6100	4000	4000	4000	10200	10300	101	106	60-140	2
Methyl-tert-butyl ether	ug/L	ND	2000	2000	2000	1720	1740	86	87	60-140	1
Methylene Chloride	ug/L	ND	2000	2000	2000	1780	1760	89	88	60-140	1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530276

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3213516 3213517											
Parameter	Units	92530210004		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	1880	1930	94	96	60-140	2
n-Propylbenzene	ug/L	ND	2000	2000	2000	1980	2010	99	100	60-140	1
Naphthalene	ug/L	708	2000	2000	2000	2240	2420	76	85	60-140	8
o-Xylene	ug/L	2750	2000	2000	2000	4860	4910	105	108	60-140	1
sec-Butylbenzene	ug/L	ND	2000	2000	2000	1980	2000	99	100	60-140	1
Styrene	ug/L	34.6J	2000	2000	2000	2050	2040	101	100	60-140	0
tert-Butylbenzene	ug/L	ND	2000	2000	2000	1670	1700	83	85	60-140	2
Tetrachloroethene	ug/L	ND	2000	2000	2000	2140	2130	107	107	60-140	0
Toluene	ug/L	12300	2000	2000	2000	14300	14600	98	116	60-140	2
trans-1,2-Dichloroethene	ug/L	ND	2000	2000	2000	1810	1790	90	90	60-140	1
trans-1,3-Dichloropropene	ug/L	ND	2000	2000	2000	1830	1810	91	91	60-140	1
Trichloroethene	ug/L	ND	2000	2000	2000	2260	2240	113	112	60-140	1
Trichlorofluoromethane	ug/L	ND	2000	2000	2000	2580	2540	129	127	60-140	2
Vinyl chloride	ug/L	ND	2000	2000	2000	1740	1780	87	89	60-140	2
1,2-Dichloroethane-d4 (S)	%							92	90	70-130	
4-Bromofluorobenzene (S)	%							95	96	70-130	
Toluene-d8 (S)	%							96	98	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530276

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92530276

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92530276001	13800_HC_RD_20210330	MADEP VPH	610287		
92530276001	13800_HC_RD_20210330	EPA 3010A	610349	EPA 6010D	610371
92530276001	13800_HC_RD_20210330	SM 6200B	610257		

REPORT OF LABORATORY ANALYSIS

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April 06, 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.: 92530278

Dear Andrew Street:

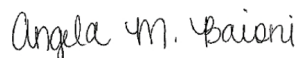
Enclosed are the analytical results for sample(s) received by the laboratory on March 30, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - 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

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530278

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804

Florida/NELAP Certification #: E87648

North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40

South Carolina Certification #: 99030001

Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92530278

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92530278001	14226_HC_RD_20210330	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530278

Sample: 14226_HC_RD_20210330		Lab ID: 92530278001		Collected: 03/30/21 10:35		Received: 03/30/21 13:40		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			03/30/21 22:11		N2
Aliphatic (C09-C12)	ND	ug/L	50.0	1			03/30/21 22:11		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1			03/30/21 22:11		N2
Aromatic (C09-C10)	ND	ug/L	50.0	1			03/30/21 22:11		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	106	%	70-130	1			03/30/21 22:11	460-00-4	
4-Bromofluorobenzene (PID) (S)	93	%	70-130	1			03/30/21 22:11	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1		03/31/21 01:27	04/05/21 20:30	7439-92-1	
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1			03/31/21 02:09	71-43-2	
Bromobenzene	ND	ug/L	0.50	1			03/31/21 02:09	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1			03/31/21 02:09	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1			03/31/21 02:09	75-27-4	
Bromoform	ND	ug/L	0.50	1			03/31/21 02:09	75-25-2	
Bromomethane	ND	ug/L	5.0	1			03/31/21 02:09	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1			03/31/21 02:09	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1			03/31/21 02:09	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1			03/31/21 02:09	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1			03/31/21 02:09	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1			03/31/21 02:09	108-90-7	
Chloroethane	ND	ug/L	1.0	1			03/31/21 02:09	75-00-3	
Chloroform	ND	ug/L	0.50	1			03/31/21 02:09	67-66-3	
Chloromethane	ND	ug/L	1.0	1			03/31/21 02:09	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1			03/31/21 02:09	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1			03/31/21 02:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1			03/31/21 02:09	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1			03/31/21 02:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1			03/31/21 02:09	106-93-4	
Dibromomethane	ND	ug/L	0.50	1			03/31/21 02:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1			03/31/21 02:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1			03/31/21 02:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1			03/31/21 02:09	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1			03/31/21 02:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1			03/31/21 02:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1			03/31/21 02:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1			03/31/21 02:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1			03/31/21 02:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1			03/31/21 02:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1			03/31/21 02:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1			03/31/21 02:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1			03/31/21 02:09	594-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530278

Sample: 14226_HC_RD_20210330		Lab ID: 92530278001		Collected: 03/30/21 10:35		Received: 03/30/21 13:40		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		03/31/21 02:09	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/31/21 02:09	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/31/21 02:09	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		03/31/21 02:09	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		03/31/21 02:09	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		03/31/21 02:09	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/31/21 02:09	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		03/31/21 02:09	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/31/21 02:09	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		03/31/21 02:09	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/31/21 02:09	103-65-1		
Styrene	ND	ug/L	0.50	1		03/31/21 02:09	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/31/21 02:09	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/31/21 02:09	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		03/31/21 02:09	127-18-4		
Toluene	ND	ug/L	0.50	1		03/31/21 02:09	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		03/31/21 02:09	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		03/31/21 02:09	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/31/21 02:09	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/31/21 02:09	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		03/31/21 02:09	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		03/31/21 02:09	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		03/31/21 02:09	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/31/21 02:09	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/31/21 02:09	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		03/31/21 02:09	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		03/31/21 02:09	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/31/21 02:09	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	70-130	1		03/31/21 02:09	17060-07-0		
4-Bromofluorobenzene (S)	91	%	70-130	1		03/31/21 02:09	460-00-4		
Toluene-d8 (S)	98	%	70-130	1		03/31/21 02:09	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92530278

QC Batch:	610287	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92530278001

METHOD BLANK: 3213678 Matrix: Water
Associated Lab Samples: 92530278001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	03/30/21 18:24	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	03/30/21 18:24	N2
Aromatic (C09-C10)	ug/L	ND	50.0	03/30/21 18:24	N2
4-Bromofluorobenzene (FID) (S)	%	105	70-130	03/30/21 18:24	
4-Bromofluorobenzene (PID) (S)	%	92	70-130	03/30/21 18:24	

LABORATORY CONTROL SAMPLE & LCSD: 3213679

LABORATORY CONTROL SAMPLE & LCSD: 3213679			3213680							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	291	287	97	96	70-130	1	25	N2
Aliphatic (C09-C12)	ug/L	300	305	297	102	99	70-130	2	25	N2
Aromatic (C09-C10)	ug/L	100	98.2	96.2	98	96	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				104	101	70-130			
4-Bromofluorobenzene (PID) (S)	%				90	88	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530278

QC Batch: 610349

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92530278001

METHOD BLANK: 3213933

Matrix: Water

Associated Lab Samples: 92530278001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/05/21 17:43	

LABORATORY CONTROL SAMPLE: 3213934

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	494	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3213935 3213936

Parameter	Units	92529540001 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	494	496	98	99	75-125	1	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92530278

QC Batch:	610257	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92530278001

METHOD BLANK: 3213514 Matrix: Water

Associated Lab Samples: 92530278001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1,1-Trichloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1,2-Trichloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1-Dichloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1-Dichloroethene	ug/L	ND	0.50	03/30/21 23:27	
1,1-Dichloropropene	ug/L	ND	0.50	03/30/21 23:27	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	03/30/21 23:27	
1,2,3-Trichloropropane	ug/L	ND	0.50	03/30/21 23:27	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	03/30/21 23:27	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	03/30/21 23:27	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	03/30/21 23:27	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	03/30/21 23:27	
1,2-Dichlorobenzene	ug/L	ND	0.50	03/30/21 23:27	
1,2-Dichloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,2-Dichloropropane	ug/L	ND	0.50	03/30/21 23:27	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	03/30/21 23:27	
1,3-Dichlorobenzene	ug/L	ND	0.50	03/30/21 23:27	
1,3-Dichloropropane	ug/L	ND	0.50	03/30/21 23:27	
1,4-Dichlorobenzene	ug/L	ND	0.50	03/30/21 23:27	
2,2-Dichloropropane	ug/L	ND	0.50	03/30/21 23:27	
2-Chlorotoluene	ug/L	ND	0.50	03/30/21 23:27	
4-Chlorotoluene	ug/L	ND	0.50	03/30/21 23:27	
Benzene	ug/L	ND	0.50	03/30/21 23:27	
Bromobenzene	ug/L	ND	0.50	03/30/21 23:27	
Bromochloromethane	ug/L	ND	0.50	03/30/21 23:27	
Bromodichloromethane	ug/L	ND	0.50	03/30/21 23:27	
Bromoform	ug/L	ND	0.50	03/30/21 23:27	
Bromomethane	ug/L	ND	5.0	03/30/21 23:27	
Carbon tetrachloride	ug/L	ND	0.50	03/30/21 23:27	
Chlorobenzene	ug/L	ND	0.50	03/30/21 23:27	
Chloroethane	ug/L	ND	1.0	03/30/21 23:27	
Chloroform	ug/L	ND	0.50	03/30/21 23:27	
Chloromethane	ug/L	ND	1.0	03/30/21 23:27	
cis-1,2-Dichloroethene	ug/L	ND	0.50	03/30/21 23:27	
cis-1,3-Dichloropropene	ug/L	ND	0.50	03/30/21 23:27	
Dibromochloromethane	ug/L	ND	0.50	03/30/21 23:27	
Dibromomethane	ug/L	ND	0.50	03/30/21 23:27	
Dichlorodifluoromethane	ug/L	ND	0.50	03/30/21 23:27	
Diisopropyl ether	ug/L	ND	0.50	03/30/21 23:27	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92530278

METHOD BLANK: 3213514

Matrix: Water

Associated Lab Samples: 92530278001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	03/30/21 23:27	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	03/30/21 23:27	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	03/30/21 23:27	
m&p-Xylene	ug/L	ND	1.0	03/30/21 23:27	
Methyl-tert-butyl ether	ug/L	ND	0.50	03/30/21 23:27	
Methylene Chloride	ug/L	ND	2.0	03/30/21 23:27	
n-Butylbenzene	ug/L	ND	0.50	03/30/21 23:27	
n-Propylbenzene	ug/L	ND	0.50	03/30/21 23:27	
Naphthalene	ug/L	ND	2.0	03/30/21 23:27	
o-Xylene	ug/L	ND	0.50	03/30/21 23:27	
sec-Butylbenzene	ug/L	ND	0.50	03/30/21 23:27	
Styrene	ug/L	ND	0.50	03/30/21 23:27	
tert-Butylbenzene	ug/L	ND	0.50	03/30/21 23:27	
Tetrachloroethene	ug/L	ND	0.50	03/30/21 23:27	
Toluene	ug/L	ND	0.50	03/30/21 23:27	
trans-1,2-Dichloroethene	ug/L	ND	0.50	03/30/21 23:27	
trans-1,3-Dichloropropene	ug/L	ND	0.50	03/30/21 23:27	
Trichloroethene	ug/L	ND	0.50	03/30/21 23:27	
Trichlorofluoromethane	ug/L	ND	1.0	03/30/21 23:27	
Vinyl chloride	ug/L	ND	1.0	03/30/21 23:27	
1,2-Dichloroethane-d4 (S)	%	90	70-130	03/30/21 23:27	
4-Bromofluorobenzene (S)	%	92	70-130	03/30/21 23:27	
Toluene-d8 (S)	%	97	70-130	03/30/21 23:27	

LABORATORY CONTROL SAMPLE: 3213515

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	45.6	91	60-140	
1,1,1-Trichloroethane	ug/L	50	39.5	79	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	42.9	86	60-140	
1,1,2-Trichloroethane	ug/L	50	44.5	89	60-140	
1,1-Dichloroethane	ug/L	50	38.5	77	60-140	
1,1-Dichloroethene	ug/L	50	39.0	78	60-140	
1,1-Dichloropropene	ug/L	50	38.9	78	60-140	
1,2,3-Trichlorobenzene	ug/L	50	45.5	91	60-140	
1,2,3-Trichloropropane	ug/L	50	44.5	89	60-140	
1,2,4-Trichlorobenzene	ug/L	50	45.9	92	60-140	
1,2,4-Trimethylbenzene	ug/L	50	41.8	84	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	45.4	91	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	44.5	89	60-140	
1,2-Dichlorobenzene	ug/L	50	46.4	93	60-140	
1,2-Dichloroethane	ug/L	50	36.9	74	60-140	
1,2-Dichloropropane	ug/L	50	39.8	80	60-140	
1,3,5-Trimethylbenzene	ug/L	50	41.9	84	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530278

LABORATORY CONTROL SAMPLE: 3213515

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	46.6	93	60-140	
1,3-Dichloropropane	ug/L	50	42.1	84	60-140	
1,4-Dichlorobenzene	ug/L	50	47.2	94	60-140	
2,2-Dichloropropane	ug/L	50	39.6	79	60-140	
2-Chlorotoluene	ug/L	50	42.0	84	60-140	
4-Chlorotoluene	ug/L	50	41.1	82	60-140	
Benzene	ug/L	50	41.3	83	60-140	
Bromobenzene	ug/L	50	44.1	88	60-140	
Bromochloromethane	ug/L	50	44.2	88	60-140	
Bromodichloromethane	ug/L	50	39.7	79	60-140	
Bromoform	ug/L	50	44.9	90	60-140	
Bromomethane	ug/L	50	49.3	99	60-140	
Carbon tetrachloride	ug/L	50	45.1	90	60-140	
Chlorobenzene	ug/L	50	46.0	92	60-140	
Chloroethane	ug/L	50	40.2	80	60-140	
Chloroform	ug/L	50	38.5	77	60-140	
Chloromethane	ug/L	50	34.7	69	60-140	
cis-1,2-Dichloroethene	ug/L	50	37.9	76	60-140	
cis-1,3-Dichloropropene	ug/L	50	42.5	85	60-140	
Dibromochloromethane	ug/L	50	46.1	92	60-140	
Dibromomethane	ug/L	50	47.0	94	60-140	
Dichlorodifluoromethane	ug/L	50	39.8	80	60-140	
Diisopropyl ether	ug/L	50	34.4	69	60-140	
Ethylbenzene	ug/L	50	43.8	88	60-140	
Hexachloro-1,3-butadiene	ug/L	50	42.1	84	60-140	
Isopropylbenzene (Cumene)	ug/L	50	45.3	91	60-140	
m&p-Xylene	ug/L	100	87.7	88	60-140	
Methyl-tert-butyl ether	ug/L	50	39.8	80	60-140	
Methylene Chloride	ug/L	50	38.7	77	60-140	
n-Butylbenzene	ug/L	50	42.1	84	60-140	
n-Propylbenzene	ug/L	50	41.1	82	60-140	
Naphthalene	ug/L	50	46.5	93	60-140	
o-Xylene	ug/L	50	44.7	89	60-140	
sec-Butylbenzene	ug/L	50	42.5	85	60-140	
Styrene	ug/L	50	45.2	90	60-140	
tert-Butylbenzene	ug/L	50	36.3	73	60-140	
Tetrachloroethene	ug/L	50	45.8	92	60-140	
Toluene	ug/L	50	44.0	88	60-140	
trans-1,2-Dichloroethene	ug/L	50	38.6	77	60-140	
trans-1,3-Dichloropropene	ug/L	50	42.1	84	60-140	
Trichloroethene	ug/L	50	47.2	94	60-140	
Trichlorofluoromethane	ug/L	50	43.3	87	60-140	
Vinyl chloride	ug/L	50	37.5	75	60-140	
1,2-Dichloroethane-d4 (S)	%			85	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			97	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530278

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3213516 3213517											
Parameter	Units	92530210004		MS	MSD	3213517		MS	MSD	% Rec	Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
1,1,1,2-Tetrachloroethane	ug/L	ND	2000	2000	2000	2040	2030	102	102	60-140	0
1,1,1-Trichloroethane	ug/L	ND	2000	2000	2000	1900	1900	95	95	60-140	0
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2000	2000	1880	1860	94	93	60-140	1
1,1,2-Trichloroethane	ug/L	ND	2000	2000	2000	2050	2010	102	100	60-140	2
1,1-Dichloroethane	ug/L	ND	2000	2000	2000	1790	1800	90	90	60-140	0
1,1-Dichloroethene	ug/L	ND	2000	2000	2000	1940	1950	97	97	60-140	0
1,1-Dichloropropene	ug/L	ND	2000	2000	2000	1890	1880	94	94	60-140	1
1,2,3-Trichlorobenzene	ug/L	ND	2000	2000	2000	1870	1940	93	97	60-140	4
1,2,3-Trichloropropane	ug/L	ND	2000	2000	2000	1950	1940	98	97	60-140	1
1,2,4-Trichlorobenzene	ug/L	ND	2000	2000	2000	1920	1990	96	99	60-140	3
1,2,4-Trimethylbenzene	ug/L	1270	2000	2000	2000	3100	3180	92	96	60-140	3
1,2-Dibromo-3-chloropropane	ug/L	ND	2000	2000	2000	1860	1890	93	94	60-140	1
1,2-Dibromoethane (EDB)	ug/L	ND	2000	2000	2000	2000	1950	100	98	60-140	2
1,2-Dichlorobenzene	ug/L	ND	2000	2000	2000	2000	2030	100	102	60-140	2
1,2-Dichloroethane	ug/L	ND	2000	2000	2000	1690	1660	84	83	60-140	2
1,2-Dichloropropane	ug/L	ND	2000	2000	2000	1850	1850	92	93	60-140	0
1,3,5-Trimethylbenzene	ug/L	ND	2000	2000	2000	2190	2230	110	111	60-140	2
1,3-Dichlorobenzene	ug/L	ND	2000	2000	2000	2030	2060	102	103	60-140	1
1,3-Dichloropropane	ug/L	ND	2000	2000	2000	1860	1850	93	93	60-140	0
1,4-Dichlorobenzene	ug/L	ND	2000	2000	2000	2040	2070	102	104	60-140	2
2,2-Dichloropropane	ug/L	ND	2000	2000	2000	1560	1540	78	77	60-140	1
2-Chlorotoluene	ug/L	ND	2000	2000	2000	1940	1960	97	98	60-140	1
4-Chlorotoluene	ug/L	ND	2000	2000	2000	1830	1860	92	93	60-140	1
Benzene	ug/L	3890	2000	2000	2000	5850	5960	98	103	60-140	2
Bromobenzene	ug/L	ND	2000	2000	2000	1960	1980	98	99	60-140	1
Bromochloromethane	ug/L	ND	2000	2000	2000	2010	2030	100	102	60-140	1
Bromodichloromethane	ug/L	ND	2000	2000	2000	1790	1810	89	90	60-140	1
Bromoform	ug/L	ND	2000	2000	2000	1930	1900	96	95	60-140	1
Bromomethane	ug/L	ND	2000	2000	2000	1790	2200	89	110	60-140	21
Carbon tetrachloride	ug/L	ND	2000	2000	2000	2170	2230	109	111	60-140	2
Chlorobenzene	ug/L	ND	2000	2000	2000	2110	2090	105	105	60-140	1
Chloroethane	ug/L	ND	2000	2000	2000	2580	2540	129	127	60-140	2
Chloroform	ug/L	37.2J	2000	2000	2000	1800	1800	88	88	60-140	0
Chloromethane	ug/L	ND	2000	2000	2000	1480	1500	74	75	60-140	2
cis-1,2-Dichloroethene	ug/L	ND	2000	2000	2000	1760	1770	88	88	60-140	1
cis-1,3-Dichloropropene	ug/L	ND	2000	2000	2000	1850	1850	93	93	60-140	0
Dibromochloromethane	ug/L	ND	2000	2000	2000	1970	2010	98	100	60-140	2
Dibromomethane	ug/L	ND	2000	2000	2000	2200	2150	110	108	60-140	2
Dichlorodifluoromethane	ug/L	ND	2000	2000	2000	2100	2130	105	106	60-140	1
Diisopropyl ether	ug/L	ND	2000	2000	2000	1530	1530	76	77	60-140	0
Ethylbenzene	ug/L	1720	2000	2000	2000	3780	3810	103	104	60-140	1
Hexachloro-1,3-butadiene	ug/L	ND	2000	2000	2000	1880	1950	94	98	60-140	3
Isopropylbenzene (Cumene)	ug/L	57.5	2000	2000	2000	2160	2150	105	104	60-140	1
m&p-Xylene	ug/L	6100	4000	4000	4000	10200	10300	101	106	60-140	2
Methyl-tert-butyl ether	ug/L	ND	2000	2000	2000	1720	1740	86	87	60-140	1
Methylene Chloride	ug/L	ND	2000	2000	2000	1780	1760	89	88	60-140	1

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530278

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3213516				3213517								
Parameter	92530210004		MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.								
n-Butylbenzene	ug/L	ND	2000	2000	1880	1930	94	96	60-140	2		
n-Propylbenzene	ug/L	ND	2000	2000	1980	2010	99	100	60-140	1		
Naphthalene	ug/L	708	2000	2000	2240	2420	76	85	60-140	8		
o-Xylene	ug/L	2750	2000	2000	4860	4910	105	108	60-140	1		
sec-Butylbenzene	ug/L	ND	2000	2000	1980	2000	99	100	60-140	1		
Styrene	ug/L	34.6J	2000	2000	2050	2040	101	100	60-140	0		
tert-Butylbenzene	ug/L	ND	2000	2000	1670	1700	83	85	60-140	2		
Tetrachloroethene	ug/L	ND	2000	2000	2140	2130	107	107	60-140	0		
Toluene	ug/L	12300	2000	2000	14300	14600	98	116	60-140	2		
trans-1,2-Dichloroethene	ug/L	ND	2000	2000	1810	1790	90	90	60-140	1		
trans-1,3-Dichloropropene	ug/L	ND	2000	2000	1830	1810	91	91	60-140	1		
Trichloroethene	ug/L	ND	2000	2000	2260	2240	113	112	60-140	1		
Trichlorofluoromethane	ug/L	ND	2000	2000	2580	2540	129	127	60-140	2		
Vinyl chloride	ug/L	ND	2000	2000	1740	1780	87	89	60-140	2		
1,2-Dichloroethane-d4 (S)	%						92	90	70-130			
4-Bromofluorobenzene (S)	%						95	96	70-130			
Toluene-d8 (S)	%						96	98	70-130			

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530278

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92530278

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92530278001	14226_HC_RD_20210330	MADEP VPH	610287		
92530278001	14226_HC_RD_20210330	EPA 3010A	610349	EPA 6010D	610371
92530278001	14226_HC_RD_20210330	SM 6200B	610257		

REPORT OF LABORATORY ANALYSIS

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April 06, 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.: 92530284

Dear Andrew Street:

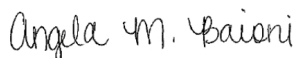
Enclosed are the analytical results for sample(s) received by the laboratory on March 30, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - 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

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530284

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92530284

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92530284001	13835_AC_RD_20210330	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530284

Sample: 13835_AC_RD_20210330		Lab ID: 92530284001		Collected: 03/30/21 11:35		Received: 03/30/21 13:40		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		03/30/21 22:39		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		03/30/21 22:39		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		03/30/21 22:39		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		03/30/21 22:39		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	107	%	70-130	1		03/30/21 22:39	460-00-4		
4-Bromofluorobenzene (PID) (S)	95	%	70-130	1		03/30/21 22:39	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	03/31/21 01:27	04/05/21 20:33	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		03/31/21 02:27	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/31/21 02:27	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		03/31/21 02:27	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/31/21 02:27	75-27-4		
Bromoform	ND	ug/L	0.50	1		03/31/21 02:27	75-25-2		
Bromomethane	ND	ug/L	5.0	1		03/31/21 02:27	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		03/31/21 02:27	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		03/31/21 02:27	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		03/31/21 02:27	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/31/21 02:27	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/31/21 02:27	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/31/21 02:27	75-00-3		
Chloroform	ND	ug/L	0.50	1		03/31/21 02:27	67-66-3		
Chloromethane	ND	ug/L	1.0	1		03/31/21 02:27	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/31/21 02:27	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		03/31/21 02:27	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		03/31/21 02:27	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/31/21 02:27	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/31/21 02:27	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		03/31/21 02:27	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/31/21 02:27	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/31/21 02:27	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/31/21 02:27	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		03/31/21 02:27	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/31/21 02:27	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/31/21 02:27	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/31/21 02:27	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/31/21 02:27	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/31/21 02:27	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		03/31/21 02:27	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/31/21 02:27	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		03/31/21 02:27	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530284

Sample: 13835_AC_RD_20210330		Lab ID: 92530284001	Collected: 03/30/21 11:35	Received: 03/30/21 13:40	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		03/31/21 02:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/31/21 02:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/31/21 02:27	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		03/31/21 02:27	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		03/31/21 02:27	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		03/31/21 02:27	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/31/21 02:27	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		03/31/21 02:27	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/31/21 02:27	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		03/31/21 02:27	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		03/31/21 02:27	103-65-1	
Styrene	ND	ug/L	0.50	1		03/31/21 02:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/31/21 02:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/31/21 02:27	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		03/31/21 02:27	127-18-4	
Toluene	ND	ug/L	0.50	1		03/31/21 02:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		03/31/21 02:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		03/31/21 02:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/31/21 02:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/31/21 02:27	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		03/31/21 02:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		03/31/21 02:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		03/31/21 02:27	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/31/21 02:27	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/31/21 02:27	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		03/31/21 02:27	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		03/31/21 02:27	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		03/31/21 02:27	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	90	%	70-130	1		03/31/21 02:27	17060-07-0	
4-Bromofluorobenzene (S)	90	%	70-130	1		03/31/21 02:27	460-00-4	
Toluene-d8 (S)	99	%	70-130	1		03/31/21 02:27	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92530284

QC Batch: 610287	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92530284001

METHOD BLANK: 3213678 Matrix: Water

Associated Lab Samples: 92530284001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	03/30/21 18:24	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	03/30/21 18:24	N2
Aromatic (C09-C10)	ug/L	ND	50.0	03/30/21 18:24	N2
4-Bromofluorobenzene (FID) (S)	%	105	70-130	03/30/21 18:24	
4-Bromofluorobenzene (PID) (S)	%	92	70-130	03/30/21 18:24	

LABORATORY CONTROL SAMPLE & LCSD: 3213679

LABORATORY CONTROL SAMPLE & LCSD: 3213679			3213680							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	291	287	97	96	70-130	1	25	N2
Aliphatic (C09-C12)	ug/L	300	305	297	102	99	70-130	2	25	N2
Aromatic (C09-C10)	ug/L	100	98.2	96.2	98	96	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				104	101	70-130			
4-Bromofluorobenzene (PID) (S)	%				90	88	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530284

QC Batch: 610349

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92530284001

METHOD BLANK: 3213933

Matrix: Water

Associated Lab Samples: 92530284001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/05/21 17:43	

LABORATORY CONTROL SAMPLE: 3213934

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	494	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3213935 3213936

Parameter	Units	92529540001 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	494	496	98	99	75-125	1	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92530284

QC Batch: 610257	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92530284001

METHOD BLANK: 3213514 Matrix: Water

Associated Lab Samples: 92530284001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1,1-Trichloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1,2-Trichloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1-Dichloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1-Dichloroethene	ug/L	ND	0.50	03/30/21 23:27	
1,1-Dichloropropene	ug/L	ND	0.50	03/30/21 23:27	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	03/30/21 23:27	
1,2,3-Trichloropropane	ug/L	ND	0.50	03/30/21 23:27	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	03/30/21 23:27	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	03/30/21 23:27	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	03/30/21 23:27	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	03/30/21 23:27	
1,2-Dichlorobenzene	ug/L	ND	0.50	03/30/21 23:27	
1,2-Dichloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,2-Dichloropropane	ug/L	ND	0.50	03/30/21 23:27	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	03/30/21 23:27	
1,3-Dichlorobenzene	ug/L	ND	0.50	03/30/21 23:27	
1,3-Dichloropropane	ug/L	ND	0.50	03/30/21 23:27	
1,4-Dichlorobenzene	ug/L	ND	0.50	03/30/21 23:27	
2,2-Dichloropropane	ug/L	ND	0.50	03/30/21 23:27	
2-Chlorotoluene	ug/L	ND	0.50	03/30/21 23:27	
4-Chlorotoluene	ug/L	ND	0.50	03/30/21 23:27	
Benzene	ug/L	ND	0.50	03/30/21 23:27	
Bromobenzene	ug/L	ND	0.50	03/30/21 23:27	
Bromochloromethane	ug/L	ND	0.50	03/30/21 23:27	
Bromodichloromethane	ug/L	ND	0.50	03/30/21 23:27	
Bromoform	ug/L	ND	0.50	03/30/21 23:27	
Bromomethane	ug/L	ND	5.0	03/30/21 23:27	
Carbon tetrachloride	ug/L	ND	0.50	03/30/21 23:27	
Chlorobenzene	ug/L	ND	0.50	03/30/21 23:27	
Chloroethane	ug/L	ND	1.0	03/30/21 23:27	
Chloroform	ug/L	ND	0.50	03/30/21 23:27	
Chloromethane	ug/L	ND	1.0	03/30/21 23:27	
cis-1,2-Dichloroethene	ug/L	ND	0.50	03/30/21 23:27	
cis-1,3-Dichloropropene	ug/L	ND	0.50	03/30/21 23:27	
Dibromochloromethane	ug/L	ND	0.50	03/30/21 23:27	
Dibromomethane	ug/L	ND	0.50	03/30/21 23:27	
Dichlorodifluoromethane	ug/L	ND	0.50	03/30/21 23:27	
Diisopropyl ether	ug/L	ND	0.50	03/30/21 23:27	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92530284

METHOD BLANK: 3213514

Matrix: Water

Associated Lab Samples: 92530284001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	03/30/21 23:27	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	03/30/21 23:27	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	03/30/21 23:27	
m&p-Xylene	ug/L	ND	1.0	03/30/21 23:27	
Methyl-tert-butyl ether	ug/L	ND	0.50	03/30/21 23:27	
Methylene Chloride	ug/L	ND	2.0	03/30/21 23:27	
n-Butylbenzene	ug/L	ND	0.50	03/30/21 23:27	
n-Propylbenzene	ug/L	ND	0.50	03/30/21 23:27	
Naphthalene	ug/L	ND	2.0	03/30/21 23:27	
o-Xylene	ug/L	ND	0.50	03/30/21 23:27	
sec-Butylbenzene	ug/L	ND	0.50	03/30/21 23:27	
Styrene	ug/L	ND	0.50	03/30/21 23:27	
tert-Butylbenzene	ug/L	ND	0.50	03/30/21 23:27	
Tetrachloroethene	ug/L	ND	0.50	03/30/21 23:27	
Toluene	ug/L	ND	0.50	03/30/21 23:27	
trans-1,2-Dichloroethene	ug/L	ND	0.50	03/30/21 23:27	
trans-1,3-Dichloropropene	ug/L	ND	0.50	03/30/21 23:27	
Trichloroethene	ug/L	ND	0.50	03/30/21 23:27	
Trichlorofluoromethane	ug/L	ND	1.0	03/30/21 23:27	
Vinyl chloride	ug/L	ND	1.0	03/30/21 23:27	
1,2-Dichloroethane-d4 (S)	%	90	70-130	03/30/21 23:27	
4-Bromofluorobenzene (S)	%	92	70-130	03/30/21 23:27	
Toluene-d8 (S)	%	97	70-130	03/30/21 23:27	

LABORATORY CONTROL SAMPLE: 3213515

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	45.6	91	60-140	
1,1,1-Trichloroethane	ug/L	50	39.5	79	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	42.9	86	60-140	
1,1,2-Trichloroethane	ug/L	50	44.5	89	60-140	
1,1-Dichloroethane	ug/L	50	38.5	77	60-140	
1,1-Dichloroethene	ug/L	50	39.0	78	60-140	
1,1-Dichloropropene	ug/L	50	38.9	78	60-140	
1,2,3-Trichlorobenzene	ug/L	50	45.5	91	60-140	
1,2,3-Trichloropropane	ug/L	50	44.5	89	60-140	
1,2,4-Trichlorobenzene	ug/L	50	45.9	92	60-140	
1,2,4-Trimethylbenzene	ug/L	50	41.8	84	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	45.4	91	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	44.5	89	60-140	
1,2-Dichlorobenzene	ug/L	50	46.4	93	60-140	
1,2-Dichloroethane	ug/L	50	36.9	74	60-140	
1,2-Dichloropropane	ug/L	50	39.8	80	60-140	
1,3,5-Trimethylbenzene	ug/L	50	41.9	84	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530284

LABORATORY CONTROL SAMPLE: 3213515

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	46.6	93	60-140	
1,3-Dichloropropane	ug/L	50	42.1	84	60-140	
1,4-Dichlorobenzene	ug/L	50	47.2	94	60-140	
2,2-Dichloropropane	ug/L	50	39.6	79	60-140	
2-Chlorotoluene	ug/L	50	42.0	84	60-140	
4-Chlorotoluene	ug/L	50	41.1	82	60-140	
Benzene	ug/L	50	41.3	83	60-140	
Bromobenzene	ug/L	50	44.1	88	60-140	
Bromochloromethane	ug/L	50	44.2	88	60-140	
Bromodichloromethane	ug/L	50	39.7	79	60-140	
Bromoform	ug/L	50	44.9	90	60-140	
Bromomethane	ug/L	50	49.3	99	60-140	
Carbon tetrachloride	ug/L	50	45.1	90	60-140	
Chlorobenzene	ug/L	50	46.0	92	60-140	
Chloroethane	ug/L	50	40.2	80	60-140	
Chloroform	ug/L	50	38.5	77	60-140	
Chloromethane	ug/L	50	34.7	69	60-140	
cis-1,2-Dichloroethene	ug/L	50	37.9	76	60-140	
cis-1,3-Dichloropropene	ug/L	50	42.5	85	60-140	
Dibromochloromethane	ug/L	50	46.1	92	60-140	
Dibromomethane	ug/L	50	47.0	94	60-140	
Dichlorodifluoromethane	ug/L	50	39.8	80	60-140	
Diisopropyl ether	ug/L	50	34.4	69	60-140	
Ethylbenzene	ug/L	50	43.8	88	60-140	
Hexachloro-1,3-butadiene	ug/L	50	42.1	84	60-140	
Isopropylbenzene (Cumene)	ug/L	50	45.3	91	60-140	
m&p-Xylene	ug/L	100	87.7	88	60-140	
Methyl-tert-butyl ether	ug/L	50	39.8	80	60-140	
Methylene Chloride	ug/L	50	38.7	77	60-140	
n-Butylbenzene	ug/L	50	42.1	84	60-140	
n-Propylbenzene	ug/L	50	41.1	82	60-140	
Naphthalene	ug/L	50	46.5	93	60-140	
o-Xylene	ug/L	50	44.7	89	60-140	
sec-Butylbenzene	ug/L	50	42.5	85	60-140	
Styrene	ug/L	50	45.2	90	60-140	
tert-Butylbenzene	ug/L	50	36.3	73	60-140	
Tetrachloroethene	ug/L	50	45.8	92	60-140	
Toluene	ug/L	50	44.0	88	60-140	
trans-1,2-Dichloroethene	ug/L	50	38.6	77	60-140	
trans-1,3-Dichloropropene	ug/L	50	42.1	84	60-140	
Trichloroethene	ug/L	50	47.2	94	60-140	
Trichlorofluoromethane	ug/L	50	43.3	87	60-140	
Vinyl chloride	ug/L	50	37.5	75	60-140	
1,2-Dichloroethane-d4 (S)	%			85	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			97	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530284

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3213516 3213517											
Parameter	Units	92530210004		MS	MSD	3213517		MS	MSD	% Rec	Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
1,1,1,2-Tetrachloroethane	ug/L	ND	2000	2000	2000	2040	2030	102	102	60-140	0
1,1,1-Trichloroethane	ug/L	ND	2000	2000	2000	1900	1900	95	95	60-140	0
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2000	2000	1880	1860	94	93	60-140	1
1,1,2-Trichloroethane	ug/L	ND	2000	2000	2000	2050	2010	102	100	60-140	2
1,1-Dichloroethane	ug/L	ND	2000	2000	2000	1790	1800	90	90	60-140	0
1,1-Dichloroethene	ug/L	ND	2000	2000	2000	1940	1950	97	97	60-140	0
1,1-Dichloropropene	ug/L	ND	2000	2000	2000	1890	1880	94	94	60-140	1
1,2,3-Trichlorobenzene	ug/L	ND	2000	2000	2000	1870	1940	93	97	60-140	4
1,2,3-Trichloropropane	ug/L	ND	2000	2000	2000	1950	1940	98	97	60-140	1
1,2,4-Trichlorobenzene	ug/L	ND	2000	2000	2000	1920	1990	96	99	60-140	3
1,2,4-Trimethylbenzene	ug/L	1270	2000	2000	2000	3100	3180	92	96	60-140	3
1,2-Dibromo-3-chloropropane	ug/L	ND	2000	2000	2000	1860	1890	93	94	60-140	1
1,2-Dibromoethane (EDB)	ug/L	ND	2000	2000	2000	2000	1950	100	98	60-140	2
1,2-Dichlorobenzene	ug/L	ND	2000	2000	2000	2000	2030	100	102	60-140	2
1,2-Dichloroethane	ug/L	ND	2000	2000	2000	1690	1660	84	83	60-140	2
1,2-Dichloropropane	ug/L	ND	2000	2000	2000	1850	1850	92	93	60-140	0
1,3,5-Trimethylbenzene	ug/L	ND	2000	2000	2000	2190	2230	110	111	60-140	2
1,3-Dichlorobenzene	ug/L	ND	2000	2000	2000	2030	2060	102	103	60-140	1
1,3-Dichloropropane	ug/L	ND	2000	2000	2000	1860	1850	93	93	60-140	0
1,4-Dichlorobenzene	ug/L	ND	2000	2000	2000	2040	2070	102	104	60-140	2
2,2-Dichloropropane	ug/L	ND	2000	2000	2000	1560	1540	78	77	60-140	1
2-Chlorotoluene	ug/L	ND	2000	2000	2000	1940	1960	97	98	60-140	1
4-Chlorotoluene	ug/L	ND	2000	2000	2000	1830	1860	92	93	60-140	1
Benzene	ug/L	3890	2000	2000	2000	5850	5960	98	103	60-140	2
Bromobenzene	ug/L	ND	2000	2000	2000	1960	1980	98	99	60-140	1
Bromochloromethane	ug/L	ND	2000	2000	2000	2010	2030	100	102	60-140	1
Bromodichloromethane	ug/L	ND	2000	2000	2000	1790	1810	89	90	60-140	1
Bromoform	ug/L	ND	2000	2000	2000	1930	1900	96	95	60-140	1
Bromomethane	ug/L	ND	2000	2000	2000	1790	2200	89	110	60-140	21
Carbon tetrachloride	ug/L	ND	2000	2000	2000	2170	2230	109	111	60-140	2
Chlorobenzene	ug/L	ND	2000	2000	2000	2110	2090	105	105	60-140	1
Chloroethane	ug/L	ND	2000	2000	2000	2580	2540	129	127	60-140	2
Chloroform	ug/L	37.2J	2000	2000	2000	1800	1800	88	88	60-140	0
Chloromethane	ug/L	ND	2000	2000	2000	1480	1500	74	75	60-140	2
cis-1,2-Dichloroethene	ug/L	ND	2000	2000	2000	1760	1770	88	88	60-140	1
cis-1,3-Dichloropropene	ug/L	ND	2000	2000	2000	1850	1850	93	93	60-140	0
Dibromochloromethane	ug/L	ND	2000	2000	2000	1970	2010	98	100	60-140	2
Dibromomethane	ug/L	ND	2000	2000	2000	2200	2150	110	108	60-140	2
Dichlorodifluoromethane	ug/L	ND	2000	2000	2000	2100	2130	105	106	60-140	1
Diisopropyl ether	ug/L	ND	2000	2000	2000	1530	1530	76	77	60-140	0
Ethylbenzene	ug/L	1720	2000	2000	2000	3780	3810	103	104	60-140	1
Hexachloro-1,3-butadiene	ug/L	ND	2000	2000	2000	1880	1950	94	98	60-140	3
Isopropylbenzene (Cumene)	ug/L	57.5	2000	2000	2000	2160	2150	105	104	60-140	1
m&p-Xylene	ug/L	6100	4000	4000	4000	10200	10300	101	106	60-140	2
Methyl-tert-butyl ether	ug/L	ND	2000	2000	2000	1720	1740	86	87	60-140	1
Methylene Chloride	ug/L	ND	2000	2000	2000	1780	1760	89	88	60-140	1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530284

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3213516				3213517								
Parameter	92530210004		MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.								
n-Butylbenzene	ug/L	ND	2000	2000	1880	1930	94	96	60-140	2		
n-Propylbenzene	ug/L	ND	2000	2000	1980	2010	99	100	60-140	1		
Naphthalene	ug/L	708	2000	2000	2240	2420	76	85	60-140	8		
o-Xylene	ug/L	2750	2000	2000	4860	4910	105	108	60-140	1		
sec-Butylbenzene	ug/L	ND	2000	2000	1980	2000	99	100	60-140	1		
Styrene	ug/L	34.6J	2000	2000	2050	2040	101	100	60-140	0		
tert-Butylbenzene	ug/L	ND	2000	2000	1670	1700	83	85	60-140	2		
Tetrachloroethene	ug/L	ND	2000	2000	2140	2130	107	107	60-140	0		
Toluene	ug/L	12300	2000	2000	14300	14600	98	116	60-140	2		
trans-1,2-Dichloroethene	ug/L	ND	2000	2000	1810	1790	90	90	60-140	1		
trans-1,3-Dichloropropene	ug/L	ND	2000	2000	1830	1810	91	91	60-140	1		
Trichloroethene	ug/L	ND	2000	2000	2260	2240	113	112	60-140	1		
Trichlorofluoromethane	ug/L	ND	2000	2000	2580	2540	129	127	60-140	2		
Vinyl chloride	ug/L	ND	2000	2000	1740	1780	87	89	60-140	2		
1,2-Dichloroethane-d4 (S)	%						92	90	70-130			
4-Bromofluorobenzene (S)	%						95	96	70-130			
Toluene-d8 (S)	%						96	98	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530284

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92530284

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92530284001	13835_AC_RD_20210330	MADEP VPH	610287		
92530284001	13835_AC_RD_20210330	EPA 3010A	610349	EPA 6010D	610371
92530284001	13835_AC_RD_20210330	SM 6200B	610257		

REPORT OF LABORATORY ANALYSIS

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LAB # : 92530284

Number of

Company: Alex Companies Billing Information: 18835 ASD Day Chapel Road

Container / Preservative Type

Lab Project Manager:

Report To: Andrew Street Email To: Andrew.Street@paceanalytical.com

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Customer Project Name/Number: 2020-4-2448 Incident State: NC County/City: Huntersville Time Zone: ET

Analyses

Phone: 704-244-1111 Site/Facility ID #: 18835 Compliance Monitoring? ☐ Yes ☒ No

Lab Sample Receipt Checklist:

Collected By (print): Norma Feltz Purchase Order #: ASAP DW PWS ID #: ASAP DW Location Code: ASAP

Custody Seals Present / Intact: ☒ Yes ☐ No

Collected By (signature): Norma Feltz Turnaround Date Required: ASAP Immediately Packed on Ice: ☐ Yes ☒ No

Collector Signatures Present: ☒ Yes ☐ No

Sample Disposal: ASAP Rush: ☐ Same Day ☐ Next Day ☐ 2 Day ☐ 3 Day ☐ 4 Day ☐ 5 Day

Sufficient Volume: ☒ Yes ☐ No

☐ Dispose as appropriate ☐ Return ☐ Archive: ASAP Field Filtered (if applicable): ☐ Yes ☒ No

Correct Bottles: ☒ Yes ☐ No

☐ Hold: ASAP Analysis: ASAP

Residual Chlorine Present: ☒ Yes ☐ No

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (S), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Samples in Holding Time: ☒ Yes ☐ No

Customer Sample ID: 18835 AL PD 20210330 Matrix: DW Comp / Grab: G Collected (or Composite Start) Date: 3/30/21 Composite End Date: 11/35 Res CI: 8 # of Ctns: 8

Lab Sample PH Acceptable: ☒ Yes ☐ No

Customer Remarks / Special Conditions / Possible Hazards:

Lab Sample PH: 92530284

Type of Ice Used: Wet Blue Dry None

Lab Sample PH: 92530284

Packing Material Used:

Lab Sample PH: 92530284

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

Lab Sample PH: 92530284

Relinquished by/Company: (Signature) Norma Feltz Date/Time: 3/30/21 13:40 Received by/Company: (Signature) Pace

Lab Sample PH: 92530284

Relinquished by/Company: (Signature) Norma Feltz Date/Time: 3/30/21 13:40 Received by/Company: (Signature) Pace

Lab Sample PH: 92530284

Relinquished by/Company: (Signature) Norma Feltz Date/Time: 3/30/21 13:40 Received by/Company: (Signature) Pace

Lab Sample PH: 92530284

Relinquished by/Company: (Signature) Norma Feltz Date/Time: 3/30/21 13:40 Received by/Company: (Signature) Pace

Lab Sample PH: 92530284

Relinquished by/Company: (Signature) Norma Feltz Date/Time: 3/30/21 13:40 Received by/Company: (Signature) Pace

Lab Sample PH: 92530284

Relinquished by/Company: (Signature) Norma Feltz Date/Time: 3/30/21 13:40 Received by/Company: (Signature) Pace

Lab Sample PH: 92530284

April 09, 2021

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

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92530286

Dear Andrew Street:

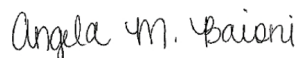
Enclosed are the analytical results for sample(s) received by the laboratory on March 30, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - 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

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530286

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92530286

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92530286001	DUP-1	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92530286002	FB-1	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92530286003	Trip Blank	SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530286

Sample: DUP-1		Lab ID: 92530286001		Collected: 03/30/21 00:00		Received: 03/30/21 13:40		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		03/30/21 23:08		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		03/30/21 23:08		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		03/30/21 23:08		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		03/30/21 23:08		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130	1		03/30/21 23:08	460-00-4		
4-Bromofluorobenzene (PID) (S)	91	%	70-130	1		03/30/21 23:08	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	03/31/21 01:27	04/05/21 20:37	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		03/31/21 02:45	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/31/21 02:45	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		03/31/21 02:45	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/31/21 02:45	75-27-4		
Bromoform	ND	ug/L	0.50	1		03/31/21 02:45	75-25-2		
Bromomethane	ND	ug/L	5.0	1		03/31/21 02:45	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		03/31/21 02:45	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		03/31/21 02:45	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		03/31/21 02:45	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/31/21 02:45	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/31/21 02:45	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/31/21 02:45	75-00-3		
Chloroform	ND	ug/L	0.50	1		03/31/21 02:45	67-66-3		
Chloromethane	ND	ug/L	1.0	1		03/31/21 02:45	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/31/21 02:45	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		03/31/21 02:45	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		03/31/21 02:45	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/31/21 02:45	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/31/21 02:45	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		03/31/21 02:45	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/31/21 02:45	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/31/21 02:45	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/31/21 02:45	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		03/31/21 02:45	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/31/21 02:45	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/31/21 02:45	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/31/21 02:45	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/31/21 02:45	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/31/21 02:45	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		03/31/21 02:45	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/31/21 02:45	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		03/31/21 02:45	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530286

Sample: DUP-1		Lab ID: 92530286001	Collected: 03/30/21 00:00	Received: 03/30/21 13:40	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		03/31/21 02:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/31/21 02:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/31/21 02:45	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		03/31/21 02:45	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		03/31/21 02:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		03/31/21 02:45	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/31/21 02:45	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		03/31/21 02:45	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/31/21 02:45	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		03/31/21 02:45	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		03/31/21 02:45	103-65-1	
Styrene	ND	ug/L	0.50	1		03/31/21 02:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/31/21 02:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/31/21 02:45	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		03/31/21 02:45	127-18-4	
Toluene	ND	ug/L	0.50	1		03/31/21 02:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		03/31/21 02:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		03/31/21 02:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/31/21 02:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/31/21 02:45	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		03/31/21 02:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		03/31/21 02:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		03/31/21 02:45	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/31/21 02:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/31/21 02:45	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		03/31/21 02:45	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		03/31/21 02:45	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		03/31/21 02:45	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	90	%	70-130	1		03/31/21 02:45	17060-07-0	
4-Bromofluorobenzene (S)	91	%	70-130	1		03/31/21 02:45	460-00-4	
Toluene-d8 (S)	98	%	70-130	1		03/31/21 02:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92530286

Sample: FB-1		Lab ID: 92530286002		Collected: 03/30/21 00:00		Received: 03/30/21 13:40		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		03/30/21 18:52		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		03/30/21 18:52		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		03/30/21 18:52		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		03/30/21 18:52		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	104	%	70-130	1		03/30/21 18:52	460-00-4		
4-Bromofluorobenzene (PID) (S)	91	%	70-130	1		03/30/21 18:52	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/07/21 10:30	04/07/21 22:43	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		03/31/21 00:03	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		03/31/21 00:03	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		03/31/21 00:03	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		03/31/21 00:03	75-27-4		
Bromoform	ND	ug/L	0.50	1		03/31/21 00:03	75-25-2		
Bromomethane	ND	ug/L	5.0	1		03/31/21 00:03	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		03/31/21 00:03	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		03/31/21 00:03	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		03/31/21 00:03	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		03/31/21 00:03	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		03/31/21 00:03	108-90-7		
Chloroethane	ND	ug/L	1.0	1		03/31/21 00:03	75-00-3		
Chloroform	ND	ug/L	0.50	1		03/31/21 00:03	67-66-3		
Chloromethane	ND	ug/L	1.0	1		03/31/21 00:03	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		03/31/21 00:03	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		03/31/21 00:03	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		03/31/21 00:03	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		03/31/21 00:03	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/31/21 00:03	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		03/31/21 00:03	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/31/21 00:03	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/31/21 00:03	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/31/21 00:03	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		03/31/21 00:03	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		03/31/21 00:03	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		03/31/21 00:03	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		03/31/21 00:03	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/31/21 00:03	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/31/21 00:03	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		03/31/21 00:03	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		03/31/21 00:03	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		03/31/21 00:03	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530286

Sample: FB-1		Lab ID: 92530286002		Collected: 03/30/21 00:00		Received: 03/30/21 13:40		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		03/31/21 00:03	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/31/21 00:03	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/31/21 00:03	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		03/31/21 00:03	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		03/31/21 00:03	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		03/31/21 00:03	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/31/21 00:03	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		03/31/21 00:03	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/31/21 00:03	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		03/31/21 00:03	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		03/31/21 00:03	103-65-1		
Styrene	ND	ug/L	0.50	1		03/31/21 00:03	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/31/21 00:03	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/31/21 00:03	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		03/31/21 00:03	127-18-4		
Toluene	ND	ug/L	0.50	1		03/31/21 00:03	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		03/31/21 00:03	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		03/31/21 00:03	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/31/21 00:03	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/31/21 00:03	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		03/31/21 00:03	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		03/31/21 00:03	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		03/31/21 00:03	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/31/21 00:03	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/31/21 00:03	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		03/31/21 00:03	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		03/31/21 00:03	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/31/21 00:03	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	88	%	70-130	1		03/31/21 00:03	17060-07-0		
4-Bromofluorobenzene (S)	90	%	70-130	1		03/31/21 00:03	460-00-4		
Toluene-d8 (S)	98	%	70-130	1		03/31/21 00:03	2037-26-5		

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530286

Sample: Trip Blank		Lab ID: 92530286003	Collected: 03/30/21 00:00	Received: 03/30/21 13:40	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		03/31/21 00:21	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		03/31/21 00:21	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		03/31/21 00:21	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		03/31/21 00:21	75-27-4	
Bromoform	ND	ug/L	0.50	1		03/31/21 00:21	75-25-2	
Bromomethane	ND	ug/L	5.0	1		03/31/21 00:21	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		03/31/21 00:21	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		03/31/21 00:21	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		03/31/21 00:21	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		03/31/21 00:21	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		03/31/21 00:21	108-90-7	
Chloroethane	ND	ug/L	1.0	1		03/31/21 00:21	75-00-3	
Chloroform	ND	ug/L	0.50	1		03/31/21 00:21	67-66-3	
Chloromethane	ND	ug/L	1.0	1		03/31/21 00:21	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		03/31/21 00:21	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		03/31/21 00:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		03/31/21 00:21	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		03/31/21 00:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		03/31/21 00:21	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		03/31/21 00:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		03/31/21 00:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		03/31/21 00:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		03/31/21 00:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		03/31/21 00:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		03/31/21 00:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		03/31/21 00:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		03/31/21 00:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		03/31/21 00:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		03/31/21 00:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		03/31/21 00:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		03/31/21 00:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		03/31/21 00:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		03/31/21 00:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		03/31/21 00:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		03/31/21 00:21	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		03/31/21 00:21	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		03/31/21 00:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		03/31/21 00:21	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		03/31/21 00:21	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		03/31/21 00:21	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		03/31/21 00:21	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		03/31/21 00:21	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		03/31/21 00:21	103-65-1	
Styrene	ND	ug/L	0.50	1		03/31/21 00:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		03/31/21 00:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		03/31/21 00:21	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530286

Sample: Trip Blank		Lab ID: 92530286003		Collected: 03/30/21 00:00		Received: 03/30/21 13:40		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		03/31/21 00:21	127-18-4		
Toluene	ND	ug/L	0.50	1		03/31/21 00:21	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		03/31/21 00:21	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		03/31/21 00:21	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		03/31/21 00:21	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		03/31/21 00:21	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		03/31/21 00:21	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		03/31/21 00:21	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		03/31/21 00:21	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		03/31/21 00:21	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		03/31/21 00:21	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		03/31/21 00:21	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		03/31/21 00:21	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		03/31/21 00:21	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	70-130	1		03/31/21 00:21	17060-07-0		
4-Bromofluorobenzene (S)	91	%	70-130	1		03/31/21 00:21	460-00-4		
Toluene-d8 (S)	99	%	70-130	1		03/31/21 00:21	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530286

QC Batch:	610287	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92530286001, 92530286002

METHOD BLANK: 3213678 Matrix: Water

Associated Lab Samples: 92530286001, 92530286002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	03/30/21 18:24	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	03/30/21 18:24	N2
Aromatic (C09-C10)	ug/L	ND	50.0	03/30/21 18:24	N2
4-Bromofluorobenzene (FID) (S)	%	105	70-130	03/30/21 18:24	
4-Bromofluorobenzene (PID) (S)	%	92	70-130	03/30/21 18:24	

LABORATORY CONTROL SAMPLE & LCSD: 3213679

LABORATORY CONTROL SAMPLE & LCS#:			3213679								3213680		
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers			
Aliphatic (C05-C08)	ug/L	300	291	287	97	96	70-130	1	25	N2			
Aliphatic (C09-C12)	ug/L	300	305	297	102	99	70-130	2	25	N2			
Aromatic (C09-C10)	ug/L	100	98.2	96.2	98	96	70-130	2	25	N2			
4-Bromofluorobenzene (FID) (S)	%				104	101	70-130						
4-Bromofluorobenzene (PID) (S)	%				90	88	70-130						

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92530286

QC Batch: 610349	Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A	Analysis Description: 6010 MET
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92530286001

METHOD BLANK: 3213933 Matrix: Water

Associated Lab Samples: 92530286001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/05/21 17:43	

LABORATORY CONTROL SAMPLE: 3213934

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	494	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3213935 3213936

Parameter	Units	92529540001 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	494	496	98	99	75-125	1	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530286

QC Batch: 611992	Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A	Analysis Description: 6010 MET
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92530286002

METHOD BLANK: 3221367 Matrix: Water

Associated Lab Samples: 92530286002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/07/21 21:21	

LABORATORY CONTROL SAMPLE: 3221368

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	499	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221369 3221370

Parameter	Units	92529617007 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	478	473	95	94	75-125	1	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92530286

QC Batch: 610257 Analysis Method: SM 6200B
QC Batch Method: SM 6200B Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92530286001, 92530286002, 92530286003

METHOD BLANK: 3213514 Matrix: Water
Associated Lab Samples: 92530286001, 92530286002, 92530286003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1,1-Trichloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1,2-Trichloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1-Dichloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,1-Dichloroethene	ug/L	ND	0.50	03/30/21 23:27	
1,1-Dichloropropene	ug/L	ND	0.50	03/30/21 23:27	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	03/30/21 23:27	
1,2,3-Trichloropropane	ug/L	ND	0.50	03/30/21 23:27	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	03/30/21 23:27	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	03/30/21 23:27	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	03/30/21 23:27	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	03/30/21 23:27	
1,2-Dichlorobenzene	ug/L	ND	0.50	03/30/21 23:27	
1,2-Dichloroethane	ug/L	ND	0.50	03/30/21 23:27	
1,2-Dichloropropane	ug/L	ND	0.50	03/30/21 23:27	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	03/30/21 23:27	
1,3-Dichlorobenzene	ug/L	ND	0.50	03/30/21 23:27	
1,3-Dichloropropane	ug/L	ND	0.50	03/30/21 23:27	
1,4-Dichlorobenzene	ug/L	ND	0.50	03/30/21 23:27	
2,2-Dichloropropane	ug/L	ND	0.50	03/30/21 23:27	
2-Chlorotoluene	ug/L	ND	0.50	03/30/21 23:27	
4-Chlorotoluene	ug/L	ND	0.50	03/30/21 23:27	
Benzene	ug/L	ND	0.50	03/30/21 23:27	
Bromobenzene	ug/L	ND	0.50	03/30/21 23:27	
Bromochloromethane	ug/L	ND	0.50	03/30/21 23:27	
Bromodichloromethane	ug/L	ND	0.50	03/30/21 23:27	
Bromoform	ug/L	ND	0.50	03/30/21 23:27	
Bromomethane	ug/L	ND	5.0	03/30/21 23:27	
Carbon tetrachloride	ug/L	ND	0.50	03/30/21 23:27	
Chlorobenzene	ug/L	ND	0.50	03/30/21 23:27	
Chloroethane	ug/L	ND	1.0	03/30/21 23:27	
Chloroform	ug/L	ND	0.50	03/30/21 23:27	
Chloromethane	ug/L	ND	1.0	03/30/21 23:27	
cis-1,2-Dichloroethene	ug/L	ND	0.50	03/30/21 23:27	
cis-1,3-Dichloropropene	ug/L	ND	0.50	03/30/21 23:27	
Dibromochloromethane	ug/L	ND	0.50	03/30/21 23:27	
Dibromomethane	ug/L	ND	0.50	03/30/21 23:27	
Dichlorodifluoromethane	ug/L	ND	0.50	03/30/21 23:27	
Diisopropyl ether	ug/L	ND	0.50	03/30/21 23:27	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530286

METHOD BLANK: 3213514

Matrix: Water

Associated Lab Samples: 92530286001, 92530286002, 92530286003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	03/30/21 23:27	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	03/30/21 23:27	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	03/30/21 23:27	
m&p-Xylene	ug/L	ND	1.0	03/30/21 23:27	
Methyl-tert-butyl ether	ug/L	ND	0.50	03/30/21 23:27	
Methylene Chloride	ug/L	ND	2.0	03/30/21 23:27	
n-Butylbenzene	ug/L	ND	0.50	03/30/21 23:27	
n-Propylbenzene	ug/L	ND	0.50	03/30/21 23:27	
Naphthalene	ug/L	ND	2.0	03/30/21 23:27	
o-Xylene	ug/L	ND	0.50	03/30/21 23:27	
sec-Butylbenzene	ug/L	ND	0.50	03/30/21 23:27	
Styrene	ug/L	ND	0.50	03/30/21 23:27	
tert-Butylbenzene	ug/L	ND	0.50	03/30/21 23:27	
Tetrachloroethene	ug/L	ND	0.50	03/30/21 23:27	
Toluene	ug/L	ND	0.50	03/30/21 23:27	
trans-1,2-Dichloroethene	ug/L	ND	0.50	03/30/21 23:27	
trans-1,3-Dichloropropene	ug/L	ND	0.50	03/30/21 23:27	
Trichloroethene	ug/L	ND	0.50	03/30/21 23:27	
Trichlorofluoromethane	ug/L	ND	1.0	03/30/21 23:27	
Vinyl chloride	ug/L	ND	1.0	03/30/21 23:27	
1,2-Dichloroethane-d4 (S)	%	90	70-130	03/30/21 23:27	
4-Bromofluorobenzene (S)	%	92	70-130	03/30/21 23:27	
Toluene-d8 (S)	%	97	70-130	03/30/21 23:27	

LABORATORY CONTROL SAMPLE: 3213515

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	45.6	91	60-140	
1,1,1-Trichloroethane	ug/L	50	39.5	79	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	42.9	86	60-140	
1,1,2-Trichloroethane	ug/L	50	44.5	89	60-140	
1,1-Dichloroethane	ug/L	50	38.5	77	60-140	
1,1-Dichloroethene	ug/L	50	39.0	78	60-140	
1,1-Dichloropropene	ug/L	50	38.9	78	60-140	
1,2,3-Trichlorobenzene	ug/L	50	45.5	91	60-140	
1,2,3-Trichloropropane	ug/L	50	44.5	89	60-140	
1,2,4-Trichlorobenzene	ug/L	50	45.9	92	60-140	
1,2,4-Trimethylbenzene	ug/L	50	41.8	84	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	45.4	91	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	44.5	89	60-140	
1,2-Dichlorobenzene	ug/L	50	46.4	93	60-140	
1,2-Dichloroethane	ug/L	50	36.9	74	60-140	
1,2-Dichloropropane	ug/L	50	39.8	80	60-140	
1,3,5-Trimethylbenzene	ug/L	50	41.9	84	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530286

LABORATORY CONTROL SAMPLE: 3213515

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	46.6	93	60-140	
1,3-Dichloropropane	ug/L	50	42.1	84	60-140	
1,4-Dichlorobenzene	ug/L	50	47.2	94	60-140	
2,2-Dichloropropane	ug/L	50	39.6	79	60-140	
2-Chlorotoluene	ug/L	50	42.0	84	60-140	
4-Chlorotoluene	ug/L	50	41.1	82	60-140	
Benzene	ug/L	50	41.3	83	60-140	
Bromobenzene	ug/L	50	44.1	88	60-140	
Bromochloromethane	ug/L	50	44.2	88	60-140	
Bromodichloromethane	ug/L	50	39.7	79	60-140	
Bromoform	ug/L	50	44.9	90	60-140	
Bromomethane	ug/L	50	49.3	99	60-140	
Carbon tetrachloride	ug/L	50	45.1	90	60-140	
Chlorobenzene	ug/L	50	46.0	92	60-140	
Chloroethane	ug/L	50	40.2	80	60-140	
Chloroform	ug/L	50	38.5	77	60-140	
Chloromethane	ug/L	50	34.7	69	60-140	
cis-1,2-Dichloroethene	ug/L	50	37.9	76	60-140	
cis-1,3-Dichloropropene	ug/L	50	42.5	85	60-140	
Dibromochloromethane	ug/L	50	46.1	92	60-140	
Dibromomethane	ug/L	50	47.0	94	60-140	
Dichlorodifluoromethane	ug/L	50	39.8	80	60-140	
Diisopropyl ether	ug/L	50	34.4	69	60-140	
Ethylbenzene	ug/L	50	43.8	88	60-140	
Hexachloro-1,3-butadiene	ug/L	50	42.1	84	60-140	
Isopropylbenzene (Cumene)	ug/L	50	45.3	91	60-140	
m&p-Xylene	ug/L	100	87.7	88	60-140	
Methyl-tert-butyl ether	ug/L	50	39.8	80	60-140	
Methylene Chloride	ug/L	50	38.7	77	60-140	
n-Butylbenzene	ug/L	50	42.1	84	60-140	
n-Propylbenzene	ug/L	50	41.1	82	60-140	
Naphthalene	ug/L	50	46.5	93	60-140	
o-Xylene	ug/L	50	44.7	89	60-140	
sec-Butylbenzene	ug/L	50	42.5	85	60-140	
Styrene	ug/L	50	45.2	90	60-140	
tert-Butylbenzene	ug/L	50	36.3	73	60-140	
Tetrachloroethene	ug/L	50	45.8	92	60-140	
Toluene	ug/L	50	44.0	88	60-140	
trans-1,2-Dichloroethene	ug/L	50	38.6	77	60-140	
trans-1,3-Dichloropropene	ug/L	50	42.1	84	60-140	
Trichloroethene	ug/L	50	47.2	94	60-140	
Trichlorofluoromethane	ug/L	50	43.3	87	60-140	
Vinyl chloride	ug/L	50	37.5	75	60-140	
1,2-Dichloroethane-d4 (S)	%			85	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			97	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530286

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3213516 3213517											
Parameter	Units	92530210004		MS	MSD	3213517		MS	MSD	% Rec	Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
1,1,1,2-Tetrachloroethane	ug/L	ND	2000	2000	2000	2040	2030	102	102	60-140	0
1,1,1-Trichloroethane	ug/L	ND	2000	2000	2000	1900	1900	95	95	60-140	0
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2000	2000	1880	1860	94	93	60-140	1
1,1,2-Trichloroethane	ug/L	ND	2000	2000	2000	2050	2010	102	100	60-140	2
1,1-Dichloroethane	ug/L	ND	2000	2000	2000	1790	1800	90	90	60-140	0
1,1-Dichloroethene	ug/L	ND	2000	2000	2000	1940	1950	97	97	60-140	0
1,1-Dichloropropene	ug/L	ND	2000	2000	2000	1890	1880	94	94	60-140	1
1,2,3-Trichlorobenzene	ug/L	ND	2000	2000	2000	1870	1940	93	97	60-140	4
1,2,3-Trichloropropane	ug/L	ND	2000	2000	2000	1950	1940	98	97	60-140	1
1,2,4-Trichlorobenzene	ug/L	ND	2000	2000	2000	1920	1990	96	99	60-140	3
1,2,4-Trimethylbenzene	ug/L	1270	2000	2000	2000	3100	3180	92	96	60-140	3
1,2-Dibromo-3-chloropropane	ug/L	ND	2000	2000	2000	1860	1890	93	94	60-140	1
1,2-Dibromoethane (EDB)	ug/L	ND	2000	2000	2000	2000	1950	100	98	60-140	2
1,2-Dichlorobenzene	ug/L	ND	2000	2000	2000	2000	2030	100	102	60-140	2
1,2-Dichloroethane	ug/L	ND	2000	2000	2000	1690	1660	84	83	60-140	2
1,2-Dichloropropane	ug/L	ND	2000	2000	2000	1850	1850	92	93	60-140	0
1,3,5-Trimethylbenzene	ug/L	ND	2000	2000	2000	2190	2230	110	111	60-140	2
1,3-Dichlorobenzene	ug/L	ND	2000	2000	2000	2030	2060	102	103	60-140	1
1,3-Dichloropropane	ug/L	ND	2000	2000	2000	1860	1850	93	93	60-140	0
1,4-Dichlorobenzene	ug/L	ND	2000	2000	2000	2040	2070	102	104	60-140	2
2,2-Dichloropropane	ug/L	ND	2000	2000	2000	1560	1540	78	77	60-140	1
2-Chlorotoluene	ug/L	ND	2000	2000	2000	1940	1960	97	98	60-140	1
4-Chlorotoluene	ug/L	ND	2000	2000	2000	1830	1860	92	93	60-140	1
Benzene	ug/L	3890	2000	2000	2000	5850	5960	98	103	60-140	2
Bromobenzene	ug/L	ND	2000	2000	2000	1960	1980	98	99	60-140	1
Bromochloromethane	ug/L	ND	2000	2000	2000	2010	2030	100	102	60-140	1
Bromodichloromethane	ug/L	ND	2000	2000	2000	1790	1810	89	90	60-140	1
Bromoform	ug/L	ND	2000	2000	2000	1930	1900	96	95	60-140	1
Bromomethane	ug/L	ND	2000	2000	2000	1790	2200	89	110	60-140	21
Carbon tetrachloride	ug/L	ND	2000	2000	2000	2170	2230	109	111	60-140	2
Chlorobenzene	ug/L	ND	2000	2000	2000	2110	2090	105	105	60-140	1
Chloroethane	ug/L	ND	2000	2000	2000	2580	2540	129	127	60-140	2
Chloroform	ug/L	37.2J	2000	2000	2000	1800	1800	88	88	60-140	0
Chloromethane	ug/L	ND	2000	2000	2000	1480	1500	74	75	60-140	2
cis-1,2-Dichloroethene	ug/L	ND	2000	2000	2000	1760	1770	88	88	60-140	1
cis-1,3-Dichloropropene	ug/L	ND	2000	2000	2000	1850	1850	93	93	60-140	0
Dibromochloromethane	ug/L	ND	2000	2000	2000	1970	2010	98	100	60-140	2
Dibromomethane	ug/L	ND	2000	2000	2000	2200	2150	110	108	60-140	2
Dichlorodifluoromethane	ug/L	ND	2000	2000	2000	2100	2130	105	106	60-140	1
Diisopropyl ether	ug/L	ND	2000	2000	2000	1530	1530	76	77	60-140	0
Ethylbenzene	ug/L	1720	2000	2000	2000	3780	3810	103	104	60-140	1
Hexachloro-1,3-butadiene	ug/L	ND	2000	2000	2000	1880	1950	94	98	60-140	3
Isopropylbenzene (Cumene)	ug/L	57.5	2000	2000	2000	2160	2150	105	104	60-140	1
m&p-Xylene	ug/L	6100	4000	4000	4000	10200	10300	101	106	60-140	2
Methyl-tert-butyl ether	ug/L	ND	2000	2000	2000	1720	1740	86	87	60-140	1
Methylene Chloride	ug/L	ND	2000	2000	2000	1780	1760	89	88	60-140	1

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92530286

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3213516				3213517								
Parameter	92530210004		MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.								
n-Butylbenzene	ug/L	ND	2000	2000	1880	1930	94	96	60-140	2		
n-Propylbenzene	ug/L	ND	2000	2000	1980	2010	99	100	60-140	1		
Naphthalene	ug/L	708	2000	2000	2240	2420	76	85	60-140	8		
o-Xylene	ug/L	2750	2000	2000	4860	4910	105	108	60-140	1		
sec-Butylbenzene	ug/L	ND	2000	2000	1980	2000	99	100	60-140	1		
Styrene	ug/L	34.6J	2000	2000	2050	2040	101	100	60-140	0		
tert-Butylbenzene	ug/L	ND	2000	2000	1670	1700	83	85	60-140	2		
Tetrachloroethene	ug/L	ND	2000	2000	2140	2130	107	107	60-140	0		
Toluene	ug/L	12300	2000	2000	14300	14600	98	116	60-140	2		
trans-1,2-Dichloroethene	ug/L	ND	2000	2000	1810	1790	90	90	60-140	1		
trans-1,3-Dichloropropene	ug/L	ND	2000	2000	1830	1810	91	91	60-140	1		
Trichloroethene	ug/L	ND	2000	2000	2260	2240	113	112	60-140	1		
Trichlorofluoromethane	ug/L	ND	2000	2000	2580	2540	129	127	60-140	2		
Vinyl chloride	ug/L	ND	2000	2000	1740	1780	87	89	60-140	2		
1,2-Dichloroethane-d4 (S)	%						92	90	70-130			
4-Bromofluorobenzene (S)	%						95	96	70-130			
Toluene-d8 (S)	%						96	98	70-130			

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92530286

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92530286

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92530286001	DUP-1	MADEP VPH	610287		
92530286002	FB-1	MADEP VPH	610287		
92530286001	DUP-1	EPA 3010A	610349	EPA 6010D	610371
92530286002	FB-1	EPA 3010A	611992	EPA 6010D	612020
92530286001	DUP-1	SM 6200B	610257		
92530286002	FB-1	SM 6200B	610257		
92530286003	Trip Blank	SM 6200B	610257		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

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

Billing Information:

LAB USE ONLY

W0#: 92530286



92530286

Company: Apex Companies

Report To: Apex Companies

Container Preservative Type

Address: Apex Companies

Copy To: Apex Companies

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) inc 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

Customer Project Name/Number: 2020-4-2448 Incident

State: NC County/City: Wilmington Time Zone Collected: ET

Analyses

Lab Profile/Line: Lab Sample Receipt Checklist:

Phone: 702-4-2448 Site/Facility ID #: NC 4142448

Custody Seals Present/Intact: Y N NA
Custody Signatures Present: Y N NA
Collector Signatures Present: Y N NA
Bottles Intact: Y N NA
Correct Bottles: Y N NA
Sufficient Volume: Y N NA
Samples Received on Ice: Y N NA
VOA - Headspace Acceptable: Y N NA
USDA Regulated Solids: Y N NA
Samples in Holding Time: Y N NA
Residual Chlorine Present: Y N NA
Cl Strips: Y N NA
Sample pH Acceptable: Y N NA
pH Strips: Y N NA
Sulfide Present: Y N NA
Lead Acetate Strips: Y N NA

Collected By (print): Alanna Gertz Purchase Order #: ASAP

Turnaround Date Required: ASAP

Sample Disposal: Return Rush: ASAP

Field Filtered (if applicable): Y Yes Y No

Archive: Return Analysis: ASAP

Lab Sample Receipt Checklist: Y N NA

Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (S), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

LAB USE ONLY: Lab Sample # / Comments: 92530286

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Composite End Date	Res Cl	# of Ctns
DUP-1	DW	G	3/30/21	-	-	8
FB-1	OT	G	-	-	-	8
Tripp Blank	DT	-	-	-	-	2

UCCs 6200B	MADEP VPH	Lead
------------	-----------	------

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

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

Lab Sample Temperature Info:

Packing Material Used: Wet Blue Dry None

Lab Tracking #: 2615879

Temp Blank Received: Y N NA
Therm ID#: 927064
Cooler 1 Temp Upon Receipt: 5.0 OC
Cooler 1 Therm Corr. Factor: 0 OC
Cooler 1 Corrected Temp: 5.0 OC

Relinquished by/Company: (Signature) Alanna Gertz Date/Time: 3-30-21 1340

Samples received via: FEDEX UPS Client MTLL LAB USE ONLY

Table #: MTLL LAB USE ONLY

Relinquished by/Company: (Signature) Alanna Gertz Date/Time: 3-30-21 1340

Relinquished by/Company: (Signature) Alanna Gertz Date/Time: 3-30-21 1340

Tripp Blank Received: Y N NA
HCL MeOH TSP Other

Relinquished by/Company: (Signature) Alanna Gertz Date/Time: 3-30-21 1340

Relinquished by/Company: (Signature) Alanna Gertz Date/Time: 3-30-21 1340

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

April 13, 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.: 92531391

Dear Andrew Street:

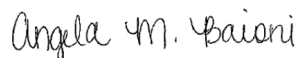
Enclosed are the analytical results for sample(s) received by the laboratory on April 06, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise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



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

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92531391

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92531391

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531391001	13926A_HC_RD_20210406	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92531391

Sample: 13926A_HC_RD_20210406		Lab ID: 92531391001		Collected: 04/06/21 13:25		Received: 04/06/21 13:25		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		04/08/21 04:36		N2
Aliphatic (C09-C12)		ND	ug/L	50.0	1		04/08/21 04:36		N2
Aliphatic(C09-C12) Adjusted		ND	ug/L	50.0	1		04/08/21 04:36		N2
Aromatic (C09-C10)		ND	ug/L	50.0	1		04/08/21 04:36		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)		95	%	70-130	1		04/08/21 04:36	460-00-4	
4-Bromofluorobenzene (PID) (S)		91	%	70-130	1		04/08/21 04:36	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead		ND	ug/L	5.0	1	04/07/21 01:36	04/10/21 22:58	7439-92-1	
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene		ND	ug/L	0.50	1		04/07/21 12:42	71-43-2	
Bromobenzene		ND	ug/L	0.50	1		04/07/21 12:42	108-86-1	
Bromochloromethane		ND	ug/L	0.50	1		04/07/21 12:42	74-97-5	
Bromodichloromethane		ND	ug/L	0.50	1		04/07/21 12:42	75-27-4	
Bromoform		ND	ug/L	0.50	1		04/07/21 12:42	75-25-2	
Bromomethane		ND	ug/L	5.0	1		04/07/21 12:42	74-83-9	
n-Butylbenzene		ND	ug/L	0.50	1		04/07/21 12:42	104-51-8	
sec-Butylbenzene		ND	ug/L	0.50	1		04/07/21 12:42	135-98-8	
tert-Butylbenzene		ND	ug/L	0.50	1		04/07/21 12:42	98-06-6	
Carbon tetrachloride		ND	ug/L	0.50	1		04/07/21 12:42	56-23-5	
Chlorobenzene		ND	ug/L	0.50	1		04/07/21 12:42	108-90-7	
Chloroethane		ND	ug/L	1.0	1		04/07/21 12:42	75-00-3	
Chloroform		ND	ug/L	0.50	1		04/07/21 12:42	67-66-3	
Chloromethane		ND	ug/L	1.0	1		04/07/21 12:42	74-87-3	
2-Chlorotoluene		ND	ug/L	0.50	1		04/07/21 12:42	95-49-8	
4-Chlorotoluene		ND	ug/L	0.50	1		04/07/21 12:42	106-43-4	
1,2-Dibromo-3-chloropropane		ND	ug/L	1.0	1		04/07/21 12:42	96-12-8	
Dibromochloromethane		ND	ug/L	0.50	1		04/07/21 12:42	124-48-1	
1,2-Dibromoethane (EDB)		ND	ug/L	0.50	1		04/07/21 12:42	106-93-4	
Dibromomethane		ND	ug/L	0.50	1		04/07/21 12:42	74-95-3	
1,2-Dichlorobenzene		ND	ug/L	0.50	1		04/07/21 12:42	95-50-1	
1,3-Dichlorobenzene		ND	ug/L	0.50	1		04/07/21 12:42	541-73-1	
1,4-Dichlorobenzene		ND	ug/L	0.50	1		04/07/21 12:42	106-46-7	
Dichlorodifluoromethane		ND	ug/L	0.50	1		04/07/21 12:42	75-71-8	
1,1-Dichloroethane		ND	ug/L	0.50	1		04/07/21 12:42	75-34-3	
1,2-Dichloroethane		ND	ug/L	0.50	1		04/07/21 12:42	107-06-2	
1,1-Dichloroethene		ND	ug/L	0.50	1		04/07/21 12:42	75-35-4	
cis-1,2-Dichloroethene		ND	ug/L	0.50	1		04/07/21 12:42	156-59-2	
trans-1,2-Dichloroethene		ND	ug/L	0.50	1		04/07/21 12:42	156-60-5	
1,2-Dichloropropane		ND	ug/L	0.50	1		04/07/21 12:42	78-87-5	
1,3-Dichloropropane		ND	ug/L	0.50	1		04/07/21 12:42	142-28-9	
2,2-Dichloropropane		ND	ug/L	0.50	1		04/07/21 12:42	594-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92531391

Sample: 13926A_HC_RD_20210406		Lab ID: 92531391001	Collected: 04/06/21 13:25	Received: 04/06/21 13:25	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		04/07/21 12:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 12:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 12:42	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/07/21 12:42	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/07/21 12:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/07/21 12:42	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/07/21 12:42	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/07/21 12:42	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/07/21 12:42	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/07/21 12:42	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/07/21 12:42	103-65-1	
Styrene	ND	ug/L	0.50	1		04/07/21 12:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 12:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 12:42	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		04/07/21 12:42	127-18-4	
Toluene	ND	ug/L	0.50	1		04/07/21 12:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 12:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 12:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/07/21 12:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/07/21 12:42	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		04/07/21 12:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/07/21 12:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/07/21 12:42	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 12:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 12:42	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		04/07/21 12:42	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		04/07/21 12:42	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		04/07/21 12:42	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		04/07/21 12:42	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130	1		04/07/21 12:42	460-00-4	
Toluene-d8 (S)	102	%	70-130	1		04/07/21 12:42	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92531391

QC Batch: 612032	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531391001

METHOD BLANK: 3221538 Matrix: Water

Associated Lab Samples: 92531391001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/07/21 15:46	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/07/21 15:46	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/07/21 15:46	N2
4-Bromofluorobenzene (FID) (S)	%	94	70-130	04/07/21 15:46	
4-Bromofluorobenzene (PID) (S)	%	89	70-130	04/07/21 15:46	

LABORATORY CONTROL SAMPLE & LCSD: 3221539

LABORATORY CONTROL SAMPLE & LCSD: 3221539			3221540							
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	257	92	86	70-130	7	25	N2
Aliphatic (C09-C12)	ug/L	300	341	325	114	108	70-130	5	25	N2
Aromatic (C09-C10)	ug/L	100	98.2	95.2	98	95	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				101	93	70-130			
4-Bromofluorobenzene (PID) (S)	%				94	88	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92531391

QC Batch: 611882

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92531391001

METHOD BLANK: 3220965

Matrix: Water

Associated Lab Samples: 92531391001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/10/21 22:09	

LABORATORY CONTROL SAMPLE: 3220966

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	506	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3220967 3220968

Parameter	Units	92531196001 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	489	476	98	95	75-125	3	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92531391

QC Batch: 611970	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531391001

METHOD BLANK: 3221179 Matrix: Water

Associated Lab Samples: 92531391001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/07/21 11:30	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/07/21 11:30	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/07/21 11:30	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
1,3-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
2,2-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
2-Chlorotoluene	ug/L	ND	0.50	04/07/21 11:30	
4-Chlorotoluene	ug/L	ND	0.50	04/07/21 11:30	
Benzene	ug/L	ND	0.50	04/07/21 11:30	
Bromobenzene	ug/L	ND	0.50	04/07/21 11:30	
Bromochloromethane	ug/L	ND	0.50	04/07/21 11:30	
Bromodichloromethane	ug/L	ND	0.50	04/07/21 11:30	
Bromoform	ug/L	ND	0.50	04/07/21 11:30	
Bromomethane	ug/L	ND	5.0	04/07/21 11:30	
Carbon tetrachloride	ug/L	ND	0.50	04/07/21 11:30	
Chlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
Chloroethane	ug/L	ND	1.0	04/07/21 11:30	
Chloroform	ug/L	ND	0.50	04/07/21 11:30	
Chloromethane	ug/L	ND	1.0	04/07/21 11:30	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
Dibromochloromethane	ug/L	ND	0.50	04/07/21 11:30	
Dibromomethane	ug/L	ND	0.50	04/07/21 11:30	
Dichlorodifluoromethane	ug/L	ND	0.50	04/07/21 11:30	
Diisopropyl ether	ug/L	ND	0.50	04/07/21 11:30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92531391

METHOD BLANK: 3221179

Matrix: Water

Associated Lab Samples: 92531391001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/07/21 11:30	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/07/21 11:30	
m&p-Xylene	ug/L	ND	1.0	04/07/21 11:30	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/07/21 11:30	
Methylene Chloride	ug/L	ND	2.0	04/07/21 11:30	
n-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
n-Propylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Naphthalene	ug/L	ND	2.0	04/07/21 11:30	
o-Xylene	ug/L	ND	0.50	04/07/21 11:30	
sec-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Styrene	ug/L	ND	0.50	04/07/21 11:30	
tert-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Tetrachloroethene	ug/L	ND	0.50	04/07/21 11:30	
Toluene	ug/L	ND	0.50	04/07/21 11:30	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
Trichloroethene	ug/L	ND	0.50	04/07/21 11:30	
Trichlorofluoromethane	ug/L	ND	1.0	04/07/21 11:30	
Vinyl chloride	ug/L	ND	1.0	04/07/21 11:30	
1,2-Dichloroethane-d4 (S)	%	102	70-130	04/07/21 11:30	
4-Bromofluorobenzene (S)	%	96	70-130	04/07/21 11:30	
Toluene-d8 (S)	%	102	70-130	04/07/21 11:30	

LABORATORY CONTROL SAMPLE: 3221180

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	52.3	105	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	50.0	100	60-140	
1,1,2-Trichloroethane	ug/L	50	51.1	102	60-140	
1,1-Dichloroethane	ug/L	50	52.8	106	60-140	
1,1-Dichloroethene	ug/L	50	57.0	114	60-140	
1,1-Dichloropropene	ug/L	50	52.5	105	60-140	
1,2,3-Trichlorobenzene	ug/L	50	52.4	105	60-140	
1,2,3-Trichloropropane	ug/L	50	48.3	97	60-140	
1,2,4-Trichlorobenzene	ug/L	50	52.2	104	60-140	
1,2,4-Trimethylbenzene	ug/L	50	52.2	104	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	52.3	105	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.1	100	60-140	
1,2-Dichlorobenzene	ug/L	50	50.7	101	60-140	
1,2-Dichloroethane	ug/L	50	46.1	92	60-140	
1,2-Dichloropropane	ug/L	50	52.2	104	60-140	
1,3,5-Trimethylbenzene	ug/L	50	52.7	105	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92531391

LABORATORY CONTROL SAMPLE: 3221180

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	51.9	104	60-140	
1,3-Dichloropropane	ug/L	50	51.3	103	60-140	
1,4-Dichlorobenzene	ug/L	50	52.3	105	60-140	
2,2-Dichloropropane	ug/L	50	54.4	109	60-140	
2-Chlorotoluene	ug/L	50	52.5	105	60-140	
4-Chlorotoluene	ug/L	50	50.4	101	60-140	
Benzene	ug/L	50	50.5	101	60-140	
Bromobenzene	ug/L	50	50.7	101	60-140	
Bromochloromethane	ug/L	50	51.4	103	60-140	
Bromodichloromethane	ug/L	50	52.3	105	60-140	
Bromoform	ug/L	50	53.4	107	60-140	
Bromomethane	ug/L	50	51.5	103	60-140	
Carbon tetrachloride	ug/L	50	53.4	107	60-140	
Chlorobenzene	ug/L	50	51.7	103	60-140	
Chloroethane	ug/L	50	44.3	89	60-140	
Chloroform	ug/L	50	44.7	89	60-140	
Chloromethane	ug/L	50	48.3	97	60-140	
cis-1,2-Dichloroethene	ug/L	50	52.6	105	60-140	
cis-1,3-Dichloropropene	ug/L	50	54.0	108	60-140	
Dibromochloromethane	ug/L	50	54.7	109	60-140	
Dibromomethane	ug/L	50	49.7	99	60-140	
Dichlorodifluoromethane	ug/L	50	46.6	93	60-140	
Diisopropyl ether	ug/L	50	47.6	95	60-140	
Ethylbenzene	ug/L	50	51.3	103	60-140	
Hexachloro-1,3-butadiene	ug/L	50	54.0	108	60-140	
Isopropylbenzene (Cumene)	ug/L	50	54.7	109	60-140	
m&p-Xylene	ug/L	100	105	105	60-140	
Methyl-tert-butyl ether	ug/L	50	46.6	93	60-140	
Methylene Chloride	ug/L	50	48.6	97	60-140	
n-Butylbenzene	ug/L	50	53.1	106	60-140	
n-Propylbenzene	ug/L	50	51.4	103	60-140	
Naphthalene	ug/L	50	49.8	100	60-140	
o-Xylene	ug/L	50	50.9	102	60-140	
sec-Butylbenzene	ug/L	50	51.8	104	60-140	
Styrene	ug/L	50	54.3	109	60-140	
tert-Butylbenzene	ug/L	50	44.4	89	60-140	
Tetrachloroethene	ug/L	50	51.9	104	60-140	
Toluene	ug/L	50	50.8	102	60-140	
trans-1,2-Dichloroethene	ug/L	50	53.7	107	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.8	108	60-140	
Trichloroethene	ug/L	50	51.8	104	60-140	
Trichlorofluoromethane	ug/L	50	43.3	87	60-140	
Vinyl chloride	ug/L	50	50.7	101	60-140	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92531391

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221181 3221182											
Parameter	Units	92531403001		MS	MSD	3221182		MS	MSD	% Rec	Qual
		Result	Conc.	Spike	Spike	Result	Conc.	Result	Conc.		
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20	21.5	21.0	107	105	60-140	2
1,1,1-Trichloroethane	ug/L	ND	20	20	20	21.8	22.0	109	110	60-140	1
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20	20.9	20.6	104	103	60-140	1
1,1,2-Trichloroethane	ug/L	ND	20	20	20	20.7	21.3	103	107	60-140	3
1,1-Dichloroethane	ug/L	ND	20	20	20	21.9	22.0	110	110	60-140	0
1,1-Dichloroethene	ug/L	ND	20	20	20	23.0	23.5	115	118	60-140	2
1,1-Dichloropropene	ug/L	ND	20	20	20	22.0	21.6	110	108	60-140	2
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20	21.3	21.2	106	106	60-140	0
1,2,3-Trichloropropane	ug/L	ND	20	20	20	20.2	19.7	101	99	60-140	2
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20	20.2	19.9	101	100	60-140	1
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20	21.2	20.6	106	103	60-140	3
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20	20.9	21.3	105	106	60-140	2
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20	21.1	20.8	106	104	60-140	2
1,2-Dichlorobenzene	ug/L	ND	20	20	20	20.0	19.6	100	98	60-140	2
1,2-Dichloroethane	ug/L	ND	20	20	20	18.6	19.1	93	95	60-140	2
1,2-Dichloropropane	ug/L	ND	20	20	20	21.3	21.9	106	109	60-140	3
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20	21.8	21.0	109	105	60-140	4
1,3-Dichlorobenzene	ug/L	ND	20	20	20	20.3	20.0	102	100	60-140	2
1,3-Dichloropropane	ug/L	ND	20	20	20	21.3	20.8	107	104	60-140	3
1,4-Dichlorobenzene	ug/L	ND	20	20	20	20.7	20.3	103	102	60-140	2
2,2-Dichloropropane	ug/L	ND	20	20	20	21.6	21.6	108	108	60-140	0
2-Chlorotoluene	ug/L	ND	20	20	20	21.2	20.8	106	104	60-140	2
4-Chlorotoluene	ug/L	ND	20	20	20	20.1	19.8	101	99	60-140	2
Benzene	ug/L	ND	20	20	20	20.8	21.7	104	109	60-140	4
Bromobenzene	ug/L	ND	20	20	20	21.1	20.7	106	103	60-140	2
Bromochloromethane	ug/L	ND	20	20	20	21.0	21.5	105	107	60-140	2
Bromodichloromethane	ug/L	ND	20	20	20	20.9	21.6	105	108	60-140	3
Bromoform	ug/L	ND	20	20	20	20.8	20.7	104	103	60-140	1
Bromomethane	ug/L	ND	20	20	20	23.7	24.4	118	122	60-140	3
Carbon tetrachloride	ug/L	ND	20	20	20	22.2	22.5	111	113	60-140	1
Chlorobenzene	ug/L	ND	20	20	20	21.3	21.1	107	105	60-140	1
Chloroethane	ug/L	ND	20	20	20	24.1	23.5	121	118	60-140	3
Chloroform	ug/L	7.9	20	20	20	26.6	26.6	93	93	60-140	0
Chloromethane	ug/L	ND	20	20	20	19.8	20.4	99	102	60-140	3
cis-1,2-Dichloroethene	ug/L	ND	20	20	20	21.6	21.8	108	109	60-140	1
cis-1,3-Dichloropropene	ug/L	ND	20	20	20	21.2	22.5	106	113	60-140	6
Dibromochloromethane	ug/L	ND	20	20	20	22.4	21.8	112	109	60-140	2
Dibromomethane	ug/L	ND	20	20	20	20.7	21.2	104	106	60-140	2
Dichlorodifluoromethane	ug/L	ND	20	20	20	19.9	20.2	100	101	60-140	1
Diisopropyl ether	ug/L	ND	20	20	20	19.3	19.1	97	95	60-140	1
Ethylbenzene	ug/L	ND	20	20	20	21.3	20.9	106	105	60-140	2
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20	22.4	22.3	112	112	60-140	0
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20	22.5	22.0	112	110	60-140	2
m&p-Xylene	ug/L	ND	40	40	40	43.3	42.2	108	105	60-140	2
Methyl-tert-butyl ether	ug/L	ND	20	20	20	18.9	19.3	94	96	60-140	2
Methylene Chloride	ug/L	ND	20	20	20	20.0	20.0	100	100	60-140	0

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92531391

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221181				3221182							
Parameter	92531403001		MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.							
n-Butylbenzene	ug/L	ND	20	20	21.4	20.9	107	104	60-140	2	
n-Propylbenzene	ug/L	ND	20	20	21.4	21.0	107	105	60-140	2	
Naphthalene	ug/L	ND	20	20	20.1	20.2	101	101	60-140	0	
o-Xylene	ug/L	ND	20	20	21.0	20.7	105	104	60-140	2	
sec-Butylbenzene	ug/L	ND	20	20	21.8	21.2	109	106	60-140	3	
Styrene	ug/L	ND	20	20	21.0	20.7	105	104	60-140	1	
tert-Butylbenzene	ug/L	ND	20	20	18.9	18.3	94	91	60-140	3	
Tetrachloroethene	ug/L	ND	20	20	21.9	21.0	109	105	60-140	4	
Toluene	ug/L	ND	20	20	21.1	21.6	106	108	60-140	2	
trans-1,2-Dichloroethene	ug/L	ND	20	20	22.0	22.2	110	111	60-140	1	
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.1	21.4	106	107	60-140	1	
Trichloroethene	ug/L	ND	20	20	21.6	21.6	108	108	60-140	0	
Trichlorofluoromethane	ug/L	ND	20	20	22.3	21.7	112	108	60-140	3	
Vinyl chloride	ug/L	ND	20	20	20.9	20.8	104	104	60-140	0	
1,2-Dichloroethane-d4 (S)	%						98	102	70-130		
4-Bromofluorobenzene (S)	%						100	101	70-130		
Toluene-d8 (S)	%						100	106	70-130		

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92531391

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92531391

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531391001	13926A_HC_RD_20210406	MADEP VPH	612032		
92531391001	13926A_HC_RD_20210406	EPA 3010A	611882	EPA 6010D	611913
92531391001	13926A_HC_RD_20210406	SM 6200B	611970		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

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

Billing Information:

LAB USE ONLY

WO#: 92531391

Company: Apex Companies
Address: 18926A Huntersville, NC

Report To: Andrew Street
Copy To: Andrew Street
Customer Project Name/Number: 2020-11-2448

Container No: 92531391

Site Collection Info/Address: 18926A Huntersville, NC
State: NC County/City: Huntersville Time Zone Collected: PT MT CT ET

** 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

Phone: 704-244-2448
Email: info@apexanalytical.com

Analyses

Lab Profile/Line:

Collected By (print): Naomi Fete
Turnaround Date Required: ASAP

Lab Sample Receipt Checklist:

Quote #: 18926A
Purchase Order #: 18926A

Custody Seals Present/Intact: Y N NA
Custody Signatures Present: Y N NA
Collector Signature Present: Y N NA
Bottles Intact: Y N NA
Correct Bottles: Y N NA
Sufficient Volume: Y N NA
Samples Received on Ice: Y N NA
VOA - Headspace Acceptable: Y N NA
USDA Regulated Solids: Y N NA
Samples in Holding Time: Y N NA
Residual Chlorine Present: Y N NA
Cl Strips: Y N NA
Sample pH Acceptable: Y N NA
pH Strips: Y N NA
Sulfide Present: Y N NA
Lead Acetate Strips: Y N NA

Sample Disposal: [] Same Day [] Next Day
[] 2 Day [] 3 Day [] 4 Day [] 5 Day
[] Archive: [] Hold: (Expedite Charges Apply)

Lab USE ONLY:
Lab Sample # / Comments: 92531391

* 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: 13926A-HC-PD-20210916

Matrix * D10

Comp / Grab

Collected (or Composite Start) Date Time

Composite End Date Time

Res CI # of Cns

Wet Blue Dry None

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

Lab Tracking #: 2615461

Packing Material Used:

Samples received via: FEDEX UPS Client

Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y N NA
Therm ID#: 127084
Cooler 1 Temp Upon Receipt: 5.8 oC
Cooler 1 Temp Corr. Factor: 0.0 oC
Cooler 1 Corrected Temp: 5.8 oC

Relinquished by/Company: (Signature)

Date/Time: 4-6-21 13:25

Received by/Company: (Signature)

Relinquished by/Company: (Signature)

Date/Time: 4-6-21 13:25

Relinquished by/Company: (Signature)

Date/Time: 4-6-21 13:25

Received by/Company: (Signature)

Relinquished by/Company: (Signature)

Date/Time: 4-6-21 13:25

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Date/Time: 4-6-21 13:25

Relinquished by/Company: (Signature)

Date/Time: 4-6-21 13:25

Received by/Company: (Signature)

Relinquished by/Company: (Signature)

Date/Time: 4-6-21 13:25



*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# : 92531391

PM: AMB

Due Date: 04/13/21

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 13, 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.: 92531392

Dear Andrew Street:

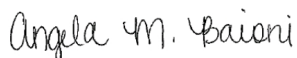
Enclosed are the analytical results for sample(s) received by the laboratory on April 06, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise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



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

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CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531392

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531392

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531392001	13835_AC_RD_20210406	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531392

Sample: 13835_AC_RD_20210406		Lab ID: 92531392001		Collected: 04/06/21 11:00		Received: 04/06/21 14:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
VPH NC Water		Analytical Method: MADEP VPH Pace Analytical Services - Charlotte							
Aliphatic (C05-C08)	ND	ug/L	50.0	1		04/08/21 05:05		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/08/21 05:05		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/08/21 05:05		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/08/21 05:05		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	95	%	70-130	1		04/08/21 05:05	460-00-4		
4-Bromofluorobenzene (PID) (S)	91	%	70-130	1		04/08/21 05:05	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	04/07/21 01:36	04/10/21 23:01	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/07/21 13:54	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/07/21 13:54	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/07/21 13:54	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/07/21 13:54	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/07/21 13:54	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/07/21 13:54	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/07/21 13:54	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/07/21 13:54	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/07/21 13:54	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/07/21 13:54	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/07/21 13:54	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/07/21 13:54	75-00-3		
Chloroform	0.52	ug/L	0.50	1		04/07/21 13:54	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/07/21 13:54	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 13:54	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 13:54	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/07/21 13:54	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/07/21 13:54	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/07/21 13:54	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/07/21 13:54	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 13:54	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 13:54	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 13:54	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/07/21 13:54	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/07/21 13:54	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/07/21 13:54	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/07/21 13:54	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 13:54	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 13:54	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 13:54	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/07/21 13:54	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 13:54	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531392

Sample: 13835_AC_RD_20210406		Lab ID: 92531392001	Collected: 04/06/21 11:00	Received: 04/06/21 14:00	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		04/07/21 13:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 13:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 13:54	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/07/21 13:54	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/07/21 13:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/07/21 13:54	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/07/21 13:54	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/07/21 13:54	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/07/21 13:54	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/07/21 13:54	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/07/21 13:54	103-65-1	
Styrene	ND	ug/L	0.50	1		04/07/21 13:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 13:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 13:54	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		04/07/21 13:54	127-18-4	
Toluene	ND	ug/L	0.50	1		04/07/21 13:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 13:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 13:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/07/21 13:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/07/21 13:54	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		04/07/21 13:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/07/21 13:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/07/21 13:54	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 13:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 13:54	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		04/07/21 13:54	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		04/07/21 13:54	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		04/07/21 13:54	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		04/07/21 13:54	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130	1		04/07/21 13:54	460-00-4	
Toluene-d8 (S)	103	%	70-130	1		04/07/21 13:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531392

QC Batch: 612032	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531392001

METHOD BLANK: 3221538 Matrix: Water

Associated Lab Samples: 92531392001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/07/21 15:46	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/07/21 15:46	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/07/21 15:46	N2
4-Bromofluorobenzene (FID) (S)	%	94	70-130	04/07/21 15:46	
4-Bromofluorobenzene (PID) (S)	%	89	70-130	04/07/21 15:46	

LABORATORY CONTROL SAMPLE & LCSD: 3221539

LABORATORY CONTROL SAMPLE & LCSD: 3221539			3221540							
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	257	92	86	70-130	7	25	N2
Aliphatic (C09-C12)	ug/L	300	341	325	114	108	70-130	5	25	N2
Aromatic (C09-C10)	ug/L	100	98.2	95.2	98	95	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				101	93	70-130			
4-Bromofluorobenzene (PID) (S)	%				94	88	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531392

QC Batch: 611882

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92531392001

METHOD BLANK: 3220965

Matrix: Water

Associated Lab Samples: 92531392001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/10/21 22:09	

LABORATORY CONTROL SAMPLE: 3220966

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	506	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3220967 3220968

Parameter	Units	92531196001 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	489	476	98	95	75-125	3	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92531392

QC Batch: 611970	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531392001

METHOD BLANK: 3221179 Matrix: Water

Associated Lab Samples: 92531392001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/07/21 11:30	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/07/21 11:30	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/07/21 11:30	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
1,3-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
2,2-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
2-Chlorotoluene	ug/L	ND	0.50	04/07/21 11:30	
4-Chlorotoluene	ug/L	ND	0.50	04/07/21 11:30	
Benzene	ug/L	ND	0.50	04/07/21 11:30	
Bromobenzene	ug/L	ND	0.50	04/07/21 11:30	
Bromochloromethane	ug/L	ND	0.50	04/07/21 11:30	
Bromodichloromethane	ug/L	ND	0.50	04/07/21 11:30	
Bromoform	ug/L	ND	0.50	04/07/21 11:30	
Bromomethane	ug/L	ND	5.0	04/07/21 11:30	
Carbon tetrachloride	ug/L	ND	0.50	04/07/21 11:30	
Chlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
Chloroethane	ug/L	ND	1.0	04/07/21 11:30	
Chloroform	ug/L	ND	0.50	04/07/21 11:30	
Chloromethane	ug/L	ND	1.0	04/07/21 11:30	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
Dibromochloromethane	ug/L	ND	0.50	04/07/21 11:30	
Dibromomethane	ug/L	ND	0.50	04/07/21 11:30	
Dichlorodifluoromethane	ug/L	ND	0.50	04/07/21 11:30	
Diisopropyl ether	ug/L	ND	0.50	04/07/21 11:30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92531392

METHOD BLANK: 3221179 Matrix: Water
Associated Lab Samples: 92531392001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/07/21 11:30	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/07/21 11:30	
m&p-Xylene	ug/L	ND	1.0	04/07/21 11:30	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/07/21 11:30	
Methylene Chloride	ug/L	ND	2.0	04/07/21 11:30	
n-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
n-Propylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Naphthalene	ug/L	ND	2.0	04/07/21 11:30	
o-Xylene	ug/L	ND	0.50	04/07/21 11:30	
sec-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Styrene	ug/L	ND	0.50	04/07/21 11:30	
tert-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Tetrachloroethene	ug/L	ND	0.50	04/07/21 11:30	
Toluene	ug/L	ND	0.50	04/07/21 11:30	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
Trichloroethene	ug/L	ND	0.50	04/07/21 11:30	
Trichlorofluoromethane	ug/L	ND	1.0	04/07/21 11:30	
Vinyl chloride	ug/L	ND	1.0	04/07/21 11:30	
1,2-Dichloroethane-d4 (S)	%	102	70-130	04/07/21 11:30	
4-Bromofluorobenzene (S)	%	96	70-130	04/07/21 11:30	
Toluene-d8 (S)	%	102	70-130	04/07/21 11:30	

LABORATORY CONTROL SAMPLE: 3221180

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	52.3	105	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	50.0	100	60-140	
1,1,2-Trichloroethane	ug/L	50	51.1	102	60-140	
1,1-Dichloroethane	ug/L	50	52.8	106	60-140	
1,1-Dichloroethene	ug/L	50	57.0	114	60-140	
1,1-Dichloropropene	ug/L	50	52.5	105	60-140	
1,2,3-Trichlorobenzene	ug/L	50	52.4	105	60-140	
1,2,3-Trichloropropane	ug/L	50	48.3	97	60-140	
1,2,4-Trichlorobenzene	ug/L	50	52.2	104	60-140	
1,2,4-Trimethylbenzene	ug/L	50	52.2	104	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	52.3	105	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.1	100	60-140	
1,2-Dichlorobenzene	ug/L	50	50.7	101	60-140	
1,2-Dichloroethane	ug/L	50	46.1	92	60-140	
1,2-Dichloropropane	ug/L	50	52.2	104	60-140	
1,3,5-Trimethylbenzene	ug/L	50	52.7	105	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531392

LABORATORY CONTROL SAMPLE: 3221180

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	51.9	104	60-140	
1,3-Dichloropropane	ug/L	50	51.3	103	60-140	
1,4-Dichlorobenzene	ug/L	50	52.3	105	60-140	
2,2-Dichloropropane	ug/L	50	54.4	109	60-140	
2-Chlorotoluene	ug/L	50	52.5	105	60-140	
4-Chlorotoluene	ug/L	50	50.4	101	60-140	
Benzene	ug/L	50	50.5	101	60-140	
Bromobenzene	ug/L	50	50.7	101	60-140	
Bromochloromethane	ug/L	50	51.4	103	60-140	
Bromodichloromethane	ug/L	50	52.3	105	60-140	
Bromoform	ug/L	50	53.4	107	60-140	
Bromomethane	ug/L	50	51.5	103	60-140	
Carbon tetrachloride	ug/L	50	53.4	107	60-140	
Chlorobenzene	ug/L	50	51.7	103	60-140	
Chloroethane	ug/L	50	44.3	89	60-140	
Chloroform	ug/L	50	44.7	89	60-140	
Chloromethane	ug/L	50	48.3	97	60-140	
cis-1,2-Dichloroethene	ug/L	50	52.6	105	60-140	
cis-1,3-Dichloropropene	ug/L	50	54.0	108	60-140	
Dibromochloromethane	ug/L	50	54.7	109	60-140	
Dibromomethane	ug/L	50	49.7	99	60-140	
Dichlorodifluoromethane	ug/L	50	46.6	93	60-140	
Diisopropyl ether	ug/L	50	47.6	95	60-140	
Ethylbenzene	ug/L	50	51.3	103	60-140	
Hexachloro-1,3-butadiene	ug/L	50	54.0	108	60-140	
Isopropylbenzene (Cumene)	ug/L	50	54.7	109	60-140	
m&p-Xylene	ug/L	100	105	105	60-140	
Methyl-tert-butyl ether	ug/L	50	46.6	93	60-140	
Methylene Chloride	ug/L	50	48.6	97	60-140	
n-Butylbenzene	ug/L	50	53.1	106	60-140	
n-Propylbenzene	ug/L	50	51.4	103	60-140	
Naphthalene	ug/L	50	49.8	100	60-140	
o-Xylene	ug/L	50	50.9	102	60-140	
sec-Butylbenzene	ug/L	50	51.8	104	60-140	
Styrene	ug/L	50	54.3	109	60-140	
tert-Butylbenzene	ug/L	50	44.4	89	60-140	
Tetrachloroethene	ug/L	50	51.9	104	60-140	
Toluene	ug/L	50	50.8	102	60-140	
trans-1,2-Dichloroethene	ug/L	50	53.7	107	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.8	108	60-140	
Trichloroethene	ug/L	50	51.8	104	60-140	
Trichlorofluoromethane	ug/L	50	43.3	87	60-140	
Vinyl chloride	ug/L	50	50.7	101	60-140	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531392

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221181 3221182											
Parameter	Units	92531403001		MS	MSD	3221182		MS	MSD	% Rec	% Rec
		Result	Conc.	Spike	Spike	Result	Conc.	Result	Conc.		
										Limits	RPD
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20	21.5	21.0	107	105	60-140	2
1,1,1-Trichloroethane	ug/L	ND	20	20	20	21.8	22.0	109	110	60-140	1
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20	20.9	20.6	104	103	60-140	1
1,1,2-Trichloroethane	ug/L	ND	20	20	20	20.7	21.3	103	107	60-140	3
1,1-Dichloroethane	ug/L	ND	20	20	20	21.9	22.0	110	110	60-140	0
1,1-Dichloroethene	ug/L	ND	20	20	20	23.0	23.5	115	118	60-140	2
1,1-Dichloropropene	ug/L	ND	20	20	20	22.0	21.6	110	108	60-140	2
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20	21.3	21.2	106	106	60-140	0
1,2,3-Trichloropropane	ug/L	ND	20	20	20	20.2	19.7	101	99	60-140	2
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20	20.2	19.9	101	100	60-140	1
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20	21.2	20.6	106	103	60-140	3
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20	20.9	21.3	105	106	60-140	2
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20	21.1	20.8	106	104	60-140	2
1,2-Dichlorobenzene	ug/L	ND	20	20	20	20.0	19.6	100	98	60-140	2
1,2-Dichloroethane	ug/L	ND	20	20	20	18.6	19.1	93	95	60-140	2
1,2-Dichloropropane	ug/L	ND	20	20	20	21.3	21.9	106	109	60-140	3
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20	21.8	21.0	109	105	60-140	4
1,3-Dichlorobenzene	ug/L	ND	20	20	20	20.3	20.0	102	100	60-140	2
1,3-Dichloropropane	ug/L	ND	20	20	20	21.3	20.8	107	104	60-140	3
1,4-Dichlorobenzene	ug/L	ND	20	20	20	20.7	20.3	103	102	60-140	2
2,2-Dichloropropane	ug/L	ND	20	20	20	21.6	21.6	108	108	60-140	0
2-Chlorotoluene	ug/L	ND	20	20	20	21.2	20.8	106	104	60-140	2
4-Chlorotoluene	ug/L	ND	20	20	20	20.1	19.8	101	99	60-140	2
Benzene	ug/L	ND	20	20	20	20.8	21.7	104	109	60-140	4
Bromobenzene	ug/L	ND	20	20	20	21.1	20.7	106	103	60-140	2
Bromochloromethane	ug/L	ND	20	20	20	21.0	21.5	105	107	60-140	2
Bromodichloromethane	ug/L	ND	20	20	20	20.9	21.6	105	108	60-140	3
Bromoform	ug/L	ND	20	20	20	20.8	20.7	104	103	60-140	1
Bromomethane	ug/L	ND	20	20	20	23.7	24.4	118	122	60-140	3
Carbon tetrachloride	ug/L	ND	20	20	20	22.2	22.5	111	113	60-140	1
Chlorobenzene	ug/L	ND	20	20	20	21.3	21.1	107	105	60-140	1
Chloroethane	ug/L	ND	20	20	20	24.1	23.5	121	118	60-140	3
Chloroform	ug/L	7.9	20	20	20	26.6	26.6	93	93	60-140	0
Chloromethane	ug/L	ND	20	20	20	19.8	20.4	99	102	60-140	3
cis-1,2-Dichloroethene	ug/L	ND	20	20	20	21.6	21.8	108	109	60-140	1
cis-1,3-Dichloropropene	ug/L	ND	20	20	20	21.2	22.5	106	113	60-140	6
Dibromochloromethane	ug/L	ND	20	20	20	22.4	21.8	112	109	60-140	2
Dibromomethane	ug/L	ND	20	20	20	20.7	21.2	104	106	60-140	2
Dichlorodifluoromethane	ug/L	ND	20	20	20	19.9	20.2	100	101	60-140	1
Diisopropyl ether	ug/L	ND	20	20	20	19.3	19.1	97	95	60-140	1
Ethylbenzene	ug/L	ND	20	20	20	21.3	20.9	106	105	60-140	2
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20	22.4	22.3	112	112	60-140	0
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20	22.5	22.0	112	110	60-140	2
m&p-Xylene	ug/L	ND	40	40	40	43.3	42.2	108	105	60-140	2
Methyl-tert-butyl ether	ug/L	ND	20	20	20	18.9	19.3	94	96	60-140	2
Methylene Chloride	ug/L	ND	20	20	20	20.0	20.0	100	100	60-140	0

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531392

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221181 3221182											
Parameter	Units	92531403001		MS	MSD	3221182		MS	MSD	% Rec	Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
n-Butylbenzene	ug/L	ND	20	20	20	21.4	20.9	107	104	60-140	2
n-Propylbenzene	ug/L	ND	20	20	20	21.4	21.0	107	105	60-140	2
Naphthalene	ug/L	ND	20	20	20	20.1	20.2	101	101	60-140	0
o-Xylene	ug/L	ND	20	20	20	21.0	20.7	105	104	60-140	2
sec-Butylbenzene	ug/L	ND	20	20	20	21.8	21.2	109	106	60-140	3
Styrene	ug/L	ND	20	20	20	21.0	20.7	105	104	60-140	1
tert-Butylbenzene	ug/L	ND	20	20	20	18.9	18.3	94	91	60-140	3
Tetrachloroethene	ug/L	ND	20	20	20	21.9	21.0	109	105	60-140	4
Toluene	ug/L	ND	20	20	20	21.1	21.6	106	108	60-140	2
trans-1,2-Dichloroethene	ug/L	ND	20	20	20	22.0	22.2	110	111	60-140	1
trans-1,3-Dichloropropene	ug/L	ND	20	20	20	21.1	21.4	106	107	60-140	1
Trichloroethene	ug/L	ND	20	20	20	21.6	21.6	108	108	60-140	0
Trichlorofluoromethane	ug/L	ND	20	20	20	22.3	21.7	112	108	60-140	3
Vinyl chloride	ug/L	ND	20	20	20	20.9	20.8	104	104	60-140	0
1,2-Dichloroethane-d4 (S)	%							98	102	70-130	
4-Bromofluorobenzene (S)	%							100	101	70-130	
Toluene-d8 (S)	%							100	106	70-130	

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QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531392

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531392

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531392001	13835_AC_RD_20210406	MADEP VPH	612032		
92531392001	13835_AC_RD_20210406	EPA 3010A	611882	EPA 6010D	611913
92531392001	13835_AC_RD_20210406	SM 6200B	611970		

REPORT OF LABORATORY ANALYSIS

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

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

Project #

92531392

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

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

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic 2N Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A[DG3A]-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

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

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

April 13, 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.: 92531396

Dear Andrew Street:

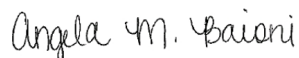
Enclosed are the analytical results for sample(s) received by the laboratory on April 06, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise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



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

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92531396

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92531396

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531396001	13800_HC_RD_20210406	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92531396

Sample: 13800_HC_RD_20210406		Lab ID: 92531396001		Collected: 04/06/21 08:10		Received: 04/06/21 14:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
VPH NC Water		Analytical Method: MADEP VPH Pace Analytical Services - Charlotte							
Aliphatic (C05-C08)	ND	ug/L	50.0	1		04/08/21 05:33		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/08/21 05:33		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/08/21 05:33		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/08/21 05:33		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	90	%	70-130	1		04/08/21 05:33	460-00-4		
4-Bromofluorobenzene (PID) (S)	87	%	70-130	1		04/08/21 05:33	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/07/21 01:36	04/10/21 23:04	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/07/21 13:00	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/07/21 13:00	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/07/21 13:00	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/07/21 13:00	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/07/21 13:00	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/07/21 13:00	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/07/21 13:00	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/07/21 13:00	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/07/21 13:00	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/07/21 13:00	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/07/21 13:00	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/07/21 13:00	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/07/21 13:00	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/07/21 13:00	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 13:00	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 13:00	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/07/21 13:00	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/07/21 13:00	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/07/21 13:00	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/07/21 13:00	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 13:00	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 13:00	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 13:00	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/07/21 13:00	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/07/21 13:00	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/07/21 13:00	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/07/21 13:00	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 13:00	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 13:00	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 13:00	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/07/21 13:00	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 13:00	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92531396

Sample: 13800_HC_RD_20210406		Lab ID: 92531396001		Collected: 04/06/21 08:10		Received: 04/06/21 14:00		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		04/07/21 13:00	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 13:00	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 13:00	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/07/21 13:00	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/07/21 13:00	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/07/21 13:00	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/07/21 13:00	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/07/21 13:00	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/07/21 13:00	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/07/21 13:00	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/07/21 13:00	103-65-1		
Styrene	ND	ug/L	0.50	1		04/07/21 13:00	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 13:00	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 13:00	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/07/21 13:00	127-18-4		
Toluene	ND	ug/L	0.50	1		04/07/21 13:00	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 13:00	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 13:00	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/07/21 13:00	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/07/21 13:00	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/07/21 13:00	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/07/21 13:00	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/07/21 13:00	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 13:00	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 13:00	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/07/21 13:00	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/07/21 13:00	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/07/21 13:00	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		04/07/21 13:00	17060-07-0		
4-Bromofluorobenzene (S)	95	%	70-130	1		04/07/21 13:00	460-00-4		
Toluene-d8 (S)	98	%	70-130	1		04/07/21 13:00	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92531396

QC Batch:	612032	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92531396001

METHOD BLANK: 3221538 Matrix: Water
Associated Lab Samples: 92531396001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/07/21 15:46	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/07/21 15:46	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/07/21 15:46	N2
4-Bromofluorobenzene (FID) (S)	%	94	70-130	04/07/21 15:46	
4-Bromofluorobenzene (PID) (S)	%	89	70-130	04/07/21 15:46	

LABORATORY CONTROL SAMPLE & LCSD: 3221539

LABORATORY CONTROL SAMPLE & LCSD: 3221539			3221540							
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	257	92	86	70-130	7	25	N2
Aliphatic (C09-C12)	ug/L	300	341	325	114	108	70-130	5	25	N2
Aromatic (C09-C10)	ug/L	100	98.2	95.2	98	95	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				101	93	70-130			
4-Bromofluorobenzene (PID) (S)	%				94	88	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92531396

QC Batch: 611882	Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A	Analysis Description: 6010 MET
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92531396001

METHOD BLANK: 3220965 Matrix: Water

Associated Lab Samples: 92531396001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/10/21 22:09	

LABORATORY CONTROL SAMPLE: 3220966

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	506	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3220967 3220968

Parameter	Units	92531196001 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	489	476	98	95	75-125	3	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92531396

QC Batch: 611970	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531396001

METHOD BLANK: 3221179 Matrix: Water

Associated Lab Samples: 92531396001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/07/21 11:30	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/07/21 11:30	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/07/21 11:30	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
1,3-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
2,2-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
2-Chlorotoluene	ug/L	ND	0.50	04/07/21 11:30	
4-Chlorotoluene	ug/L	ND	0.50	04/07/21 11:30	
Benzene	ug/L	ND	0.50	04/07/21 11:30	
Bromobenzene	ug/L	ND	0.50	04/07/21 11:30	
Bromochloromethane	ug/L	ND	0.50	04/07/21 11:30	
Bromodichloromethane	ug/L	ND	0.50	04/07/21 11:30	
Bromoform	ug/L	ND	0.50	04/07/21 11:30	
Bromomethane	ug/L	ND	5.0	04/07/21 11:30	
Carbon tetrachloride	ug/L	ND	0.50	04/07/21 11:30	
Chlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
Chloroethane	ug/L	ND	1.0	04/07/21 11:30	
Chloroform	ug/L	ND	0.50	04/07/21 11:30	
Chloromethane	ug/L	ND	1.0	04/07/21 11:30	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
Dibromochloromethane	ug/L	ND	0.50	04/07/21 11:30	
Dibromomethane	ug/L	ND	0.50	04/07/21 11:30	
Dichlorodifluoromethane	ug/L	ND	0.50	04/07/21 11:30	
Diisopropyl ether	ug/L	ND	0.50	04/07/21 11:30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92531396

METHOD BLANK: 3221179

Matrix: Water

Associated Lab Samples: 92531396001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/07/21 11:30	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/07/21 11:30	
m&p-Xylene	ug/L	ND	1.0	04/07/21 11:30	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/07/21 11:30	
Methylene Chloride	ug/L	ND	2.0	04/07/21 11:30	
n-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
n-Propylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Naphthalene	ug/L	ND	2.0	04/07/21 11:30	
o-Xylene	ug/L	ND	0.50	04/07/21 11:30	
sec-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Styrene	ug/L	ND	0.50	04/07/21 11:30	
tert-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Tetrachloroethene	ug/L	ND	0.50	04/07/21 11:30	
Toluene	ug/L	ND	0.50	04/07/21 11:30	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
Trichloroethene	ug/L	ND	0.50	04/07/21 11:30	
Trichlorofluoromethane	ug/L	ND	1.0	04/07/21 11:30	
Vinyl chloride	ug/L	ND	1.0	04/07/21 11:30	
1,2-Dichloroethane-d4 (S)	%	102	70-130	04/07/21 11:30	
4-Bromofluorobenzene (S)	%	96	70-130	04/07/21 11:30	
Toluene-d8 (S)	%	102	70-130	04/07/21 11:30	

LABORATORY CONTROL SAMPLE: 3221180

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	52.3	105	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	50.0	100	60-140	
1,1,2-Trichloroethane	ug/L	50	51.1	102	60-140	
1,1-Dichloroethane	ug/L	50	52.8	106	60-140	
1,1-Dichloroethene	ug/L	50	57.0	114	60-140	
1,1-Dichloropropene	ug/L	50	52.5	105	60-140	
1,2,3-Trichlorobenzene	ug/L	50	52.4	105	60-140	
1,2,3-Trichloropropane	ug/L	50	48.3	97	60-140	
1,2,4-Trichlorobenzene	ug/L	50	52.2	104	60-140	
1,2,4-Trimethylbenzene	ug/L	50	52.2	104	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	52.3	105	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.1	100	60-140	
1,2-Dichlorobenzene	ug/L	50	50.7	101	60-140	
1,2-Dichloroethane	ug/L	50	46.1	92	60-140	
1,2-Dichloropropane	ug/L	50	52.2	104	60-140	
1,3,5-Trimethylbenzene	ug/L	50	52.7	105	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92531396

LABORATORY CONTROL SAMPLE: 3221180

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	51.9	104	60-140	
1,3-Dichloropropane	ug/L	50	51.3	103	60-140	
1,4-Dichlorobenzene	ug/L	50	52.3	105	60-140	
2,2-Dichloropropane	ug/L	50	54.4	109	60-140	
2-Chlorotoluene	ug/L	50	52.5	105	60-140	
4-Chlorotoluene	ug/L	50	50.4	101	60-140	
Benzene	ug/L	50	50.5	101	60-140	
Bromobenzene	ug/L	50	50.7	101	60-140	
Bromochloromethane	ug/L	50	51.4	103	60-140	
Bromodichloromethane	ug/L	50	52.3	105	60-140	
Bromoform	ug/L	50	53.4	107	60-140	
Bromomethane	ug/L	50	51.5	103	60-140	
Carbon tetrachloride	ug/L	50	53.4	107	60-140	
Chlorobenzene	ug/L	50	51.7	103	60-140	
Chloroethane	ug/L	50	44.3	89	60-140	
Chloroform	ug/L	50	44.7	89	60-140	
Chloromethane	ug/L	50	48.3	97	60-140	
cis-1,2-Dichloroethene	ug/L	50	52.6	105	60-140	
cis-1,3-Dichloropropene	ug/L	50	54.0	108	60-140	
Dibromochloromethane	ug/L	50	54.7	109	60-140	
Dibromomethane	ug/L	50	49.7	99	60-140	
Dichlorodifluoromethane	ug/L	50	46.6	93	60-140	
Diisopropyl ether	ug/L	50	47.6	95	60-140	
Ethylbenzene	ug/L	50	51.3	103	60-140	
Hexachloro-1,3-butadiene	ug/L	50	54.0	108	60-140	
Isopropylbenzene (Cumene)	ug/L	50	54.7	109	60-140	
m&p-Xylene	ug/L	100	105	105	60-140	
Methyl-tert-butyl ether	ug/L	50	46.6	93	60-140	
Methylene Chloride	ug/L	50	48.6	97	60-140	
n-Butylbenzene	ug/L	50	53.1	106	60-140	
n-Propylbenzene	ug/L	50	51.4	103	60-140	
Naphthalene	ug/L	50	49.8	100	60-140	
o-Xylene	ug/L	50	50.9	102	60-140	
sec-Butylbenzene	ug/L	50	51.8	104	60-140	
Styrene	ug/L	50	54.3	109	60-140	
tert-Butylbenzene	ug/L	50	44.4	89	60-140	
Tetrachloroethene	ug/L	50	51.9	104	60-140	
Toluene	ug/L	50	50.8	102	60-140	
trans-1,2-Dichloroethene	ug/L	50	53.7	107	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.8	108	60-140	
Trichloroethene	ug/L	50	51.8	104	60-140	
Trichlorofluoromethane	ug/L	50	43.3	87	60-140	
Vinyl chloride	ug/L	50	50.7	101	60-140	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			100	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92531396

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221181 3221182											
Parameter	Units	92531403001		MS	MSD	3221182		MS	MSD	% Rec	Limits
		Result	Conc.	Spike	Spike	Result	Conc.	% Rec	% Rec		
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20	21.5	21.0	107	105	60-140	2
1,1,1-Trichloroethane	ug/L	ND	20	20	20	21.8	22.0	109	110	60-140	1
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20	20.9	20.6	104	103	60-140	1
1,1,2-Trichloroethane	ug/L	ND	20	20	20	20.7	21.3	103	107	60-140	3
1,1-Dichloroethane	ug/L	ND	20	20	20	21.9	22.0	110	110	60-140	0
1,1-Dichloroethene	ug/L	ND	20	20	20	23.0	23.5	115	118	60-140	2
1,1-Dichloropropene	ug/L	ND	20	20	20	22.0	21.6	110	108	60-140	2
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20	21.3	21.2	106	106	60-140	0
1,2,3-Trichloropropane	ug/L	ND	20	20	20	20.2	19.7	101	99	60-140	2
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20	20.2	19.9	101	100	60-140	1
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20	21.2	20.6	106	103	60-140	3
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20	20.9	21.3	105	106	60-140	2
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20	21.1	20.8	106	104	60-140	2
1,2-Dichlorobenzene	ug/L	ND	20	20	20	20.0	19.6	100	98	60-140	2
1,2-Dichloroethane	ug/L	ND	20	20	20	18.6	19.1	93	95	60-140	2
1,2-Dichloropropane	ug/L	ND	20	20	20	21.3	21.9	106	109	60-140	3
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20	21.8	21.0	109	105	60-140	4
1,3-Dichlorobenzene	ug/L	ND	20	20	20	20.3	20.0	102	100	60-140	2
1,3-Dichloropropane	ug/L	ND	20	20	20	21.3	20.8	107	104	60-140	3
1,4-Dichlorobenzene	ug/L	ND	20	20	20	20.7	20.3	103	102	60-140	2
2,2-Dichloropropane	ug/L	ND	20	20	20	21.6	21.6	108	108	60-140	0
2-Chlorotoluene	ug/L	ND	20	20	20	21.2	20.8	106	104	60-140	2
4-Chlorotoluene	ug/L	ND	20	20	20	20.1	19.8	101	99	60-140	2
Benzene	ug/L	ND	20	20	20	20.8	21.7	104	109	60-140	4
Bromobenzene	ug/L	ND	20	20	20	21.1	20.7	106	103	60-140	2
Bromochloromethane	ug/L	ND	20	20	20	21.0	21.5	105	107	60-140	2
Bromodichloromethane	ug/L	ND	20	20	20	20.9	21.6	105	108	60-140	3
Bromoforn	ug/L	ND	20	20	20	20.8	20.7	104	103	60-140	1
Bromomethane	ug/L	ND	20	20	20	23.7	24.4	118	122	60-140	3
Carbon tetrachloride	ug/L	ND	20	20	20	22.2	22.5	111	113	60-140	1
Chlorobenzene	ug/L	ND	20	20	20	21.3	21.1	107	105	60-140	1
Chloroethane	ug/L	ND	20	20	20	24.1	23.5	121	118	60-140	3
Chloroform	ug/L	7.9	20	20	20	26.6	26.6	93	93	60-140	0
Chloromethane	ug/L	ND	20	20	20	19.8	20.4	99	102	60-140	3
cis-1,2-Dichloroethene	ug/L	ND	20	20	20	21.6	21.8	108	109	60-140	1
cis-1,3-Dichloropropene	ug/L	ND	20	20	20	21.2	22.5	106	113	60-140	6
Dibromochloromethane	ug/L	ND	20	20	20	22.4	21.8	112	109	60-140	2
Dibromomethane	ug/L	ND	20	20	20	20.7	21.2	104	106	60-140	2
Dichlorodifluoromethane	ug/L	ND	20	20	20	19.9	20.2	100	101	60-140	1
Diisopropyl ether	ug/L	ND	20	20	20	19.3	19.1	97	95	60-140	1
Ethylbenzene	ug/L	ND	20	20	20	21.3	20.9	106	105	60-140	2
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20	22.4	22.3	112	112	60-140	0
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20	22.5	22.0	112	110	60-140	2
m&p-Xylene	ug/L	ND	40	40	40	43.3	42.2	108	105	60-140	2
Methyl-tert-butyl ether	ug/L	ND	20	20	20	18.9	19.3	94	96	60-140	2
Methylene Chloride	ug/L	ND	20	20	20	20.0	20.0	100	100	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

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92531396

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221181 3221182											
Parameter	Units	92531403001		MS	MSD	3221182		MS	MSD	% Rec	Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
n-Butylbenzene	ug/L	ND	20	20	20	21.4	20.9	107	104	60-140	2
n-Propylbenzene	ug/L	ND	20	20	20	21.4	21.0	107	105	60-140	2
Naphthalene	ug/L	ND	20	20	20	20.1	20.2	101	101	60-140	0
o-Xylene	ug/L	ND	20	20	20	21.0	20.7	105	104	60-140	2
sec-Butylbenzene	ug/L	ND	20	20	20	21.8	21.2	109	106	60-140	3
Styrene	ug/L	ND	20	20	20	21.0	20.7	105	104	60-140	1
tert-Butylbenzene	ug/L	ND	20	20	20	18.9	18.3	94	91	60-140	3
Tetrachloroethene	ug/L	ND	20	20	20	21.9	21.0	109	105	60-140	4
Toluene	ug/L	ND	20	20	20	21.1	21.6	106	108	60-140	2
trans-1,2-Dichloroethene	ug/L	ND	20	20	20	22.0	22.2	110	111	60-140	1
trans-1,3-Dichloropropene	ug/L	ND	20	20	20	21.1	21.4	106	107	60-140	1
Trichloroethene	ug/L	ND	20	20	20	21.6	21.6	108	108	60-140	0
Trichlorofluoromethane	ug/L	ND	20	20	20	22.3	21.7	112	108	60-140	3
Vinyl chloride	ug/L	ND	20	20	20	20.9	20.8	104	104	60-140	0
1,2-Dichloroethane-d4 (S)	%							98	102	70-130	
4-Bromofluorobenzene (S)	%							100	101	70-130	
Toluene-d8 (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.

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QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92531396

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92531396

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531396001	13800_HC_RD_20210406	MADEP VPH	612032		
92531396001	13800_HC_RD_20210406	EPA 3010A	611882	EPA 6010D	611913
92531396001	13800_HC_RD_20210406	SM 6200B	611970		

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Pace Analytical

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

*Check mark top half of box if pH and/or dechlorination is

verified and within the acceptance range for preservation

samples.

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

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/ROIS (water), DOC, LHM

CLIENT: 92-APEX MOOR

PM: AMB

Due Date: 04/13/21

Project # **W0#: 92531396**

Item#	1	2	3	4	5	6	7	8	9	10	11	12
BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)												
BP3U-250 mL Plastic Unpreserved (N/A)												
BP2U-500 mL Plastic Unpreserved (N/A)												
BP1U-1 liter Plastic Unpreserved (N/A)												
BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)												
BP3N-250 mL plastic HNO3 (pH < 2)												
BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)												
BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)												
WGFU-Wide-mouthed Glass jar Unpreserved												
AG1U-1 liter Amber Unpreserved (N/A) (Cl-)												
AG1H-1 liter Amber HCl (pH < 2)												
AG3U-250 mL Amber Unpreserved (N/A) (Cl-)												
AG1S-1 liter Amber H2SO4 (pH < 2)												
AG3S-250 mL Amber H2SO4 (pH < 2)												
AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)												
DG9H-40 mL VOA HCl (N/A)												
VG9T-40 mL VOA Na2S2O3 (N/A)												
VG9U-40 mL VOA Unp (N/A)												
DG9P-40 mL VOA H3PO4 (N/A)												
VOAK (6 vials per kit)-5035 kit (N/A)												
V/GK (3 vials per kit)-VPH/Gas kit (N/A)												
SP5T-125 mL Sterile Plastic (N/A - lab)												
SP2T-250 mL Sterile Plastic (N/A - lab)												
BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)												
AG0U-100 mL Amber Unpreserved vials (N/A)												
VS6U-20 mL Scintillation vials (N/A)												
DG9U-40 mL Amber Unpreserved vials (N/A)												

pH Adjustment Log for Preserved Samples

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

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

April 13, 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.: 92531397

Dear Andrew Street:

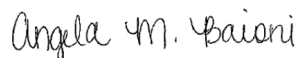
Enclosed are the analytical results for sample(s) received by the laboratory on April 06, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise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



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

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CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531397

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531397

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531397001	DUP-1	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531397002	FB-1	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92531397003	TRIP BLANK	SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531397

Sample: DUP-1		Lab ID: 92531397001		Collected: 04/06/21 00:00		Received: 04/06/21 14:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
VPH NC Water	Analytical Method: MADEP VPH Pace Analytical Services - Charlotte								
Aliphatic (C05-C08)	ND	ug/L	50.0	1		04/08/21 06:01		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/08/21 06:01		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/08/21 06:01		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/08/21 06:01		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	95	%	70-130	1		04/08/21 06:01	460-00-4		
4-Bromofluorobenzene (PID) (S)	90	%	70-130	1		04/08/21 06:01	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1	04/07/21 01:36	04/10/21 23:07	7439-92-1		
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	1		04/07/21 15:43	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/07/21 15:43	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/07/21 15:43	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/07/21 15:43	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/07/21 15:43	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/07/21 15:43	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/07/21 15:43	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/07/21 15:43	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/07/21 15:43	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/07/21 15:43	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/07/21 15:43	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/07/21 15:43	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/07/21 15:43	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/07/21 15:43	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 15:43	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 15:43	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/07/21 15:43	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/07/21 15:43	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/07/21 15:43	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/07/21 15:43	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 15:43	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 15:43	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 15:43	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/07/21 15:43	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/07/21 15:43	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/07/21 15:43	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/07/21 15:43	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 15:43	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 15:43	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 15:43	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/07/21 15:43	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 15:43	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531397

Sample: DUP-1		Lab ID: 92531397001	Collected: 04/06/21 00:00	Received: 04/06/21 14:00	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		04/07/21 15:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 15:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 15:43	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/07/21 15:43	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/07/21 15:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/07/21 15:43	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/07/21 15:43	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/07/21 15:43	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/07/21 15:43	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/07/21 15:43	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/07/21 15:43	103-65-1	
Styrene	ND	ug/L	0.50	1		04/07/21 15:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 15:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 15:43	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		04/07/21 15:43	127-18-4	
Toluene	ND	ug/L	0.50	1		04/07/21 15:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 15:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 15:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/07/21 15:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/07/21 15:43	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		04/07/21 15:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/07/21 15:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/07/21 15:43	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 15:43	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 15:43	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		04/07/21 15:43	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		04/07/21 15:43	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		04/07/21 15:43	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		04/07/21 15:43	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130	1		04/07/21 15:43	460-00-4	
Toluene-d8 (S)	102	%	70-130	1		04/07/21 15:43	2037-26-5	

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531397

Sample: FB-1		Lab ID: 92531397002		Collected: 04/06/21 00:00		Received: 04/06/21 14:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
VPH NC Water		Analytical Method: MADEP VPH Pace Analytical Services - Charlotte							
Aliphatic (C05-C08)	ND	ug/L	50.0	1		04/07/21 16:43		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/07/21 16:43		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/07/21 16:43		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/07/21 16:43		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	94	%	70-130	1		04/07/21 16:43	460-00-4		
4-Bromofluorobenzene (PID) (S)	90	%	70-130	1		04/07/21 16:43	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/07/21 01:36	04/10/21 23:11	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/07/21 11:48	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/07/21 11:48	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/07/21 11:48	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/07/21 11:48	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/07/21 11:48	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/07/21 11:48	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/07/21 11:48	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/07/21 11:48	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/07/21 11:48	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/07/21 11:48	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/07/21 11:48	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/07/21 11:48	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/07/21 11:48	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/07/21 11:48	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 11:48	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 11:48	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/07/21 11:48	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/07/21 11:48	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/07/21 11:48	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/07/21 11:48	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 11:48	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 11:48	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 11:48	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/07/21 11:48	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/07/21 11:48	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/07/21 11:48	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/07/21 11:48	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 11:48	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 11:48	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 11:48	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/07/21 11:48	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 11:48	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531397

Sample: FB-1		Lab ID: 92531397002		Collected: 04/06/21 00:00		Received: 04/06/21 14:00		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		04/07/21 11:48	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 11:48	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 11:48	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/07/21 11:48	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/07/21 11:48	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/07/21 11:48	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/07/21 11:48	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/07/21 11:48	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/07/21 11:48	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/07/21 11:48	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/07/21 11:48	103-65-1		
Styrene	ND	ug/L	0.50	1		04/07/21 11:48	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 11:48	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 11:48	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/07/21 11:48	127-18-4		
Toluene	ND	ug/L	0.50	1		04/07/21 11:48	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 11:48	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 11:48	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/07/21 11:48	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/07/21 11:48	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/07/21 11:48	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/07/21 11:48	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/07/21 11:48	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 11:48	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 11:48	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/07/21 11:48	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/07/21 11:48	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/07/21 11:48	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		04/07/21 11:48	17060-07-0		
4-Bromofluorobenzene (S)	95	%	70-130	1		04/07/21 11:48	460-00-4		
Toluene-d8 (S)	100	%	70-130	1		04/07/21 11:48	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531397

Sample: TRIP BLANK		Lab ID: 92531397003	Collected: 04/06/21 00:00	Received: 04/06/21 14:00	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		04/07/21 12:06	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		04/07/21 12:06	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		04/07/21 12:06	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		04/07/21 12:06	75-27-4	
Bromoform	ND	ug/L	0.50	1		04/07/21 12:06	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/07/21 12:06	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		04/07/21 12:06	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		04/07/21 12:06	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		04/07/21 12:06	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		04/07/21 12:06	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		04/07/21 12:06	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/07/21 12:06	75-00-3	
Chloroform	ND	ug/L	0.50	1		04/07/21 12:06	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/07/21 12:06	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 12:06	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 12:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/07/21 12:06	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		04/07/21 12:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/07/21 12:06	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		04/07/21 12:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 12:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 12:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 12:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/07/21 12:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		04/07/21 12:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		04/07/21 12:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		04/07/21 12:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 12:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 12:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 12:06	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		04/07/21 12:06	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 12:06	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		04/07/21 12:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 12:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 12:06	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/07/21 12:06	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/07/21 12:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/07/21 12:06	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/07/21 12:06	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/07/21 12:06	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/07/21 12:06	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/07/21 12:06	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/07/21 12:06	103-65-1	
Styrene	ND	ug/L	0.50	1		04/07/21 12:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 12:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 12:06	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531397

Sample: TRIP BLANK		Lab ID: 92531397003		Collected: 04/06/21 00:00		Received: 04/06/21 14:00		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		04/07/21 12:06	127-18-4	
	Toluene	ND	ug/L	0.50	1		04/07/21 12:06	108-88-3	
	1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 12:06	87-61-6	
	1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 12:06	120-82-1	
	1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/07/21 12:06	71-55-6	
	1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/07/21 12:06	79-00-5	
	Trichloroethene	ND	ug/L	0.50	1		04/07/21 12:06	79-01-6	
	Trichlorofluoromethane	ND	ug/L	1.0	1		04/07/21 12:06	75-69-4	
	1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/07/21 12:06	96-18-4	
	1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 12:06	95-63-6	
	1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 12:06	108-67-8	
	Vinyl chloride	ND	ug/L	1.0	1		04/07/21 12:06	75-01-4	
	m&p-Xylene	ND	ug/L	1.0	1		04/07/21 12:06	179601-23-1	
	o-Xylene	ND	ug/L	0.50	1		04/07/21 12:06	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		04/07/21 12:06	17060-07-0		
4-Bromofluorobenzene (S)	97	%	70-130	1		04/07/21 12:06	460-00-4		
Toluene-d8 (S)	99	%	70-130	1		04/07/21 12:06	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531397

QC Batch:	612029	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92531397002

METHOD BLANK: 3221527 Matrix: Water

Associated Lab Samples: 92531397002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/07/21 15:17	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/07/21 15:17	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/07/21 15:17	N2
4-Bromofluorobenzene (FID) (S)	%	100	70-130	04/07/21 15:17	
4-Bromofluorobenzene (PID) (S)	%	95	70-130	04/07/21 15:17	

LABORATORY CONTROL SAMPLE & LCSD: 3221528

LABORATORY CONTROL SAMPLE & LCSD: 3221528			3221529							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	283	284	94	95	70-130	0	25	N2
Aliphatic (C09-C12)	ug/L	300	327	344	109	115	70-130	5	25	N2
Aromatic (C09-C10)	ug/L	100	92.9	96.8	93	97	70-130	4	25	N2
4-Bromofluorobenzene (FID) (S)	%				91	96	70-130			
4-Bromofluorobenzene (PID) (S)	%				86	91	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531397

QC Batch:	612032	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92531397001

METHOD BLANK: 3221538 Matrix: Water

Associated Lab Samples: 92531397001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/07/21 15:46	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/07/21 15:46	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/07/21 15:46	N2
4-Bromofluorobenzene (FID) (S)	%	94	70-130	04/07/21 15:46	
4-Bromofluorobenzene (PID) (S)	%	89	70-130	04/07/21 15:46	

LABORATORY CONTROL SAMPLE & LCSD: 3221539

Parameter	Units	3221540								
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	275	257	92	86	70-130	7	25	N2
Aliphatic (C09-C12)	ug/L	300	341	325	114	108	70-130	5	25	N2
Aromatic (C09-C10)	ug/L	100	98.2	95.2	98	95	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				101	93	70-130			
4-Bromofluorobenzene (PID) (S)	%				94	88	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531397

QC Batch: 611882

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92531397001, 92531397002

METHOD BLANK: 3220965

Matrix: Water

Associated Lab Samples: 92531397001, 92531397002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/10/21 22:09	

LABORATORY CONTROL SAMPLE: 3220966

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	506	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3220967 3220968

Parameter	Units	92531196001 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	489	476	98	95	75-125	3	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531397

QC Batch: 611970

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531397001, 92531397002, 92531397003

METHOD BLANK: 3221179

Matrix: Water

Associated Lab Samples: 92531397001, 92531397002, 92531397003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/07/21 11:30	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/07/21 11:30	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/07/21 11:30	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
1,3-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
2,2-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
2-Chlorotoluene	ug/L	ND	0.50	04/07/21 11:30	
4-Chlorotoluene	ug/L	ND	0.50	04/07/21 11:30	
Benzene	ug/L	ND	0.50	04/07/21 11:30	
Bromobenzene	ug/L	ND	0.50	04/07/21 11:30	
Bromochloromethane	ug/L	ND	0.50	04/07/21 11:30	
Bromodichloromethane	ug/L	ND	0.50	04/07/21 11:30	
Bromoform	ug/L	ND	0.50	04/07/21 11:30	
Bromomethane	ug/L	ND	5.0	04/07/21 11:30	
Carbon tetrachloride	ug/L	ND	0.50	04/07/21 11:30	
Chlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
Chloroethane	ug/L	ND	1.0	04/07/21 11:30	
Chloroform	ug/L	ND	0.50	04/07/21 11:30	
Chloromethane	ug/L	ND	1.0	04/07/21 11:30	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
Dibromochloromethane	ug/L	ND	0.50	04/07/21 11:30	
Dibromomethane	ug/L	ND	0.50	04/07/21 11:30	
Dichlorodifluoromethane	ug/L	ND	0.50	04/07/21 11:30	
Diisopropyl ether	ug/L	ND	0.50	04/07/21 11:30	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531397

METHOD BLANK: 3221179

Matrix: Water

Associated Lab Samples: 92531397001, 92531397002, 92531397003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/07/21 11:30	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/07/21 11:30	
m&p-Xylene	ug/L	ND	1.0	04/07/21 11:30	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/07/21 11:30	
Methylene Chloride	ug/L	ND	2.0	04/07/21 11:30	
n-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
n-Propylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Naphthalene	ug/L	ND	2.0	04/07/21 11:30	
o-Xylene	ug/L	ND	0.50	04/07/21 11:30	
sec-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Styrene	ug/L	ND	0.50	04/07/21 11:30	
tert-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Tetrachloroethene	ug/L	ND	0.50	04/07/21 11:30	
Toluene	ug/L	ND	0.50	04/07/21 11:30	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
Trichloroethene	ug/L	ND	0.50	04/07/21 11:30	
Trichlorofluoromethane	ug/L	ND	1.0	04/07/21 11:30	
Vinyl chloride	ug/L	ND	1.0	04/07/21 11:30	
1,2-Dichloroethane-d4 (S)	%	102	70-130	04/07/21 11:30	
4-Bromofluorobenzene (S)	%	96	70-130	04/07/21 11:30	
Toluene-d8 (S)	%	102	70-130	04/07/21 11:30	

LABORATORY CONTROL SAMPLE: 3221180

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	52.3	105	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	50.0	100	60-140	
1,1,2-Trichloroethane	ug/L	50	51.1	102	60-140	
1,1-Dichloroethane	ug/L	50	52.8	106	60-140	
1,1-Dichloroethene	ug/L	50	57.0	114	60-140	
1,1-Dichloropropene	ug/L	50	52.5	105	60-140	
1,2,3-Trichlorobenzene	ug/L	50	52.4	105	60-140	
1,2,3-Trichloropropane	ug/L	50	48.3	97	60-140	
1,2,4-Trichlorobenzene	ug/L	50	52.2	104	60-140	
1,2,4-Trimethylbenzene	ug/L	50	52.2	104	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	52.3	105	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.1	100	60-140	
1,2-Dichlorobenzene	ug/L	50	50.7	101	60-140	
1,2-Dichloroethane	ug/L	50	46.1	92	60-140	
1,2-Dichloropropane	ug/L	50	52.2	104	60-140	
1,3,5-Trimethylbenzene	ug/L	50	52.7	105	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531397

LABORATORY CONTROL SAMPLE: 3221180

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	51.9	104	60-140	
1,3-Dichloropropane	ug/L	50	51.3	103	60-140	
1,4-Dichlorobenzene	ug/L	50	52.3	105	60-140	
2,2-Dichloropropane	ug/L	50	54.4	109	60-140	
2-Chlorotoluene	ug/L	50	52.5	105	60-140	
4-Chlorotoluene	ug/L	50	50.4	101	60-140	
Benzene	ug/L	50	50.5	101	60-140	
Bromobenzene	ug/L	50	50.7	101	60-140	
Bromochloromethane	ug/L	50	51.4	103	60-140	
Bromodichloromethane	ug/L	50	52.3	105	60-140	
Bromoform	ug/L	50	53.4	107	60-140	
Bromomethane	ug/L	50	51.5	103	60-140	
Carbon tetrachloride	ug/L	50	53.4	107	60-140	
Chlorobenzene	ug/L	50	51.7	103	60-140	
Chloroethane	ug/L	50	44.3	89	60-140	
Chloroform	ug/L	50	44.7	89	60-140	
Chloromethane	ug/L	50	48.3	97	60-140	
cis-1,2-Dichloroethene	ug/L	50	52.6	105	60-140	
cis-1,3-Dichloropropene	ug/L	50	54.0	108	60-140	
Dibromochloromethane	ug/L	50	54.7	109	60-140	
Dibromomethane	ug/L	50	49.7	99	60-140	
Dichlorodifluoromethane	ug/L	50	46.6	93	60-140	
Diisopropyl ether	ug/L	50	47.6	95	60-140	
Ethylbenzene	ug/L	50	51.3	103	60-140	
Hexachloro-1,3-butadiene	ug/L	50	54.0	108	60-140	
Isopropylbenzene (Cumene)	ug/L	50	54.7	109	60-140	
m&p-Xylene	ug/L	100	105	105	60-140	
Methyl-tert-butyl ether	ug/L	50	46.6	93	60-140	
Methylene Chloride	ug/L	50	48.6	97	60-140	
n-Butylbenzene	ug/L	50	53.1	106	60-140	
n-Propylbenzene	ug/L	50	51.4	103	60-140	
Naphthalene	ug/L	50	49.8	100	60-140	
o-Xylene	ug/L	50	50.9	102	60-140	
sec-Butylbenzene	ug/L	50	51.8	104	60-140	
Styrene	ug/L	50	54.3	109	60-140	
tert-Butylbenzene	ug/L	50	44.4	89	60-140	
Tetrachloroethene	ug/L	50	51.9	104	60-140	
Toluene	ug/L	50	50.8	102	60-140	
trans-1,2-Dichloroethene	ug/L	50	53.7	107	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.8	108	60-140	
Trichloroethene	ug/L	50	51.8	104	60-140	
Trichlorofluoromethane	ug/L	50	43.3	87	60-140	
Vinyl chloride	ug/L	50	50.7	101	60-140	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			100	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531397

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221181 3221182											
Parameter	Units	92531403001		MS	MSD	3221182		MS	MSD	% Rec	% Rec
		Result	Conc.	Spike	Spike	Result	Conc.	Result	Conc.		
										Limits	RPD
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20	21.5	21.0	107	105	60-140	2
1,1,1-Trichloroethane	ug/L	ND	20	20	20	21.8	22.0	109	110	60-140	1
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20	20.9	20.6	104	103	60-140	1
1,1,2-Trichloroethane	ug/L	ND	20	20	20	20.7	21.3	103	107	60-140	3
1,1-Dichloroethane	ug/L	ND	20	20	20	21.9	22.0	110	110	60-140	0
1,1-Dichloroethene	ug/L	ND	20	20	20	23.0	23.5	115	118	60-140	2
1,1-Dichloropropene	ug/L	ND	20	20	20	22.0	21.6	110	108	60-140	2
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20	21.3	21.2	106	106	60-140	0
1,2,3-Trichloropropane	ug/L	ND	20	20	20	20.2	19.7	101	99	60-140	2
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20	20.2	19.9	101	100	60-140	1
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20	21.2	20.6	106	103	60-140	3
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20	20.9	21.3	105	106	60-140	2
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20	21.1	20.8	106	104	60-140	2
1,2-Dichlorobenzene	ug/L	ND	20	20	20	20.0	19.6	100	98	60-140	2
1,2-Dichloroethane	ug/L	ND	20	20	20	18.6	19.1	93	95	60-140	2
1,2-Dichloropropane	ug/L	ND	20	20	20	21.3	21.9	106	109	60-140	3
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20	21.8	21.0	109	105	60-140	4
1,3-Dichlorobenzene	ug/L	ND	20	20	20	20.3	20.0	102	100	60-140	2
1,3-Dichloropropane	ug/L	ND	20	20	20	21.3	20.8	107	104	60-140	3
1,4-Dichlorobenzene	ug/L	ND	20	20	20	20.7	20.3	103	102	60-140	2
2,2-Dichloropropane	ug/L	ND	20	20	20	21.6	21.6	108	108	60-140	0
2-Chlorotoluene	ug/L	ND	20	20	20	21.2	20.8	106	104	60-140	2
4-Chlorotoluene	ug/L	ND	20	20	20	20.1	19.8	101	99	60-140	2
Benzene	ug/L	ND	20	20	20	20.8	21.7	104	109	60-140	4
Bromobenzene	ug/L	ND	20	20	20	21.1	20.7	106	103	60-140	2
Bromochloromethane	ug/L	ND	20	20	20	21.0	21.5	105	107	60-140	2
Bromodichloromethane	ug/L	ND	20	20	20	20.9	21.6	105	108	60-140	3
Bromoform	ug/L	ND	20	20	20	20.8	20.7	104	103	60-140	1
Bromomethane	ug/L	ND	20	20	20	23.7	24.4	118	122	60-140	3
Carbon tetrachloride	ug/L	ND	20	20	20	22.2	22.5	111	113	60-140	1
Chlorobenzene	ug/L	ND	20	20	20	21.3	21.1	107	105	60-140	1
Chloroethane	ug/L	ND	20	20	20	24.1	23.5	121	118	60-140	3
Chloroform	ug/L	7.9	20	20	20	26.6	26.6	93	93	60-140	0
Chloromethane	ug/L	ND	20	20	20	19.8	20.4	99	102	60-140	3
cis-1,2-Dichloroethene	ug/L	ND	20	20	20	21.6	21.8	108	109	60-140	1
cis-1,3-Dichloropropene	ug/L	ND	20	20	20	21.2	22.5	106	113	60-140	6
Dibromochloromethane	ug/L	ND	20	20	20	22.4	21.8	112	109	60-140	2
Dibromomethane	ug/L	ND	20	20	20	20.7	21.2	104	106	60-140	2
Dichlorodifluoromethane	ug/L	ND	20	20	20	19.9	20.2	100	101	60-140	1
Diisopropyl ether	ug/L	ND	20	20	20	19.3	19.1	97	95	60-140	1
Ethylbenzene	ug/L	ND	20	20	20	21.3	20.9	106	105	60-140	2
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20	22.4	22.3	112	112	60-140	0
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20	22.5	22.0	112	110	60-140	2
m&p-Xylene	ug/L	ND	40	40	40	43.3	42.2	108	105	60-140	2
Methyl-tert-butyl ether	ug/L	ND	20	20	20	18.9	19.3	94	96	60-140	2
Methylene Chloride	ug/L	ND	20	20	20	20.0	20.0	100	100	60-140	0

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531397

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221181 3221182											
Parameter	Units	92531403001		MS	MSD	3221182		MS	MSD	% Rec	Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
n-Butylbenzene	ug/L	ND	20	20	20	21.4	20.9	107	104	60-140	2
n-Propylbenzene	ug/L	ND	20	20	20	21.4	21.0	107	105	60-140	2
Naphthalene	ug/L	ND	20	20	20	20.1	20.2	101	101	60-140	0
o-Xylene	ug/L	ND	20	20	20	21.0	20.7	105	104	60-140	2
sec-Butylbenzene	ug/L	ND	20	20	20	21.8	21.2	109	106	60-140	3
Styrene	ug/L	ND	20	20	20	21.0	20.7	105	104	60-140	1
tert-Butylbenzene	ug/L	ND	20	20	20	18.9	18.3	94	91	60-140	3
Tetrachloroethene	ug/L	ND	20	20	20	21.9	21.0	109	105	60-140	4
Toluene	ug/L	ND	20	20	20	21.1	21.6	106	108	60-140	2
trans-1,2-Dichloroethene	ug/L	ND	20	20	20	22.0	22.2	110	111	60-140	1
trans-1,3-Dichloropropene	ug/L	ND	20	20	20	21.1	21.4	106	107	60-140	1
Trichloroethene	ug/L	ND	20	20	20	21.6	21.6	108	108	60-140	0
Trichlorofluoromethane	ug/L	ND	20	20	20	22.3	21.7	112	108	60-140	3
Vinyl chloride	ug/L	ND	20	20	20	20.9	20.8	104	104	60-140	0
1,2-Dichloroethane-d4 (S)	%							98	102	70-130	
4-Bromofluorobenzene (S)	%							100	101	70-130	
Toluene-d8 (S)	%							100	106	70-130	

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QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531397

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531397

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531397001	DUP-1	MADEP VPH	612032		
92531397002	FB-1	MADEP VPH	612029		
92531397001	DUP-1	EPA 3010A	611882	EPA 6010D	611913
92531397002	FB-1	EPA 3010A	611882	EPA 6010D	611913
92531397001	DUP-1	SM 6200B	611970		
92531397002	FB-1	SM 6200B	611970		
92531397003	TRIP BLANK	SM 6200B	611970		

REPORT OF LABORATORY ANALYSIS

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April 13, 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.: 92531398

Dear Andrew Street:

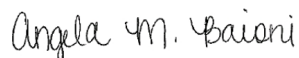
Enclosed are the analytical results for sample(s) received by the laboratory on April 06, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise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



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

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92531398

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92531398

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531398001	14226_HC_RD_20210406	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92531398

Sample: 14226_HC_RD_20210406		Lab ID: 92531398001		Collected: 04/06/21 10:25		Received: 04/06/21 14:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
VPH NC Water		Analytical Method: MADEP VPH Pace Analytical Services - Charlotte							
Aliphatic (C05-C08)	ND	ug/L	50.0	1		04/08/21 06:30		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/08/21 06:30		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/08/21 06:30		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/08/21 06:30		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130	1		04/08/21 06:30	460-00-4		
4-Bromofluorobenzene (PID) (S)	94	%	70-130	1		04/08/21 06:30	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/07/21 01:36	04/10/21 23:14	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/07/21 14:13	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/07/21 14:13	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/07/21 14:13	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/07/21 14:13	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/07/21 14:13	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/07/21 14:13	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/07/21 14:13	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/07/21 14:13	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/07/21 14:13	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/07/21 14:13	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/07/21 14:13	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/07/21 14:13	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/07/21 14:13	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/07/21 14:13	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 14:13	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 14:13	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/07/21 14:13	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/07/21 14:13	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/07/21 14:13	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/07/21 14:13	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 14:13	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 14:13	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 14:13	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/07/21 14:13	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/07/21 14:13	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/07/21 14:13	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/07/21 14:13	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 14:13	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 14:13	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 14:13	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/07/21 14:13	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 14:13	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92531398

Sample: 14226_HC_RD_20210406		Lab ID: 92531398001		Collected: 04/06/21 10:25		Received: 04/06/21 14:00		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		04/07/21 14:13	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 14:13	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 14:13	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/07/21 14:13	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/07/21 14:13	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/07/21 14:13	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/07/21 14:13	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/07/21 14:13	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/07/21 14:13	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/07/21 14:13	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/07/21 14:13	103-65-1		
Styrene	ND	ug/L	0.50	1		04/07/21 14:13	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 14:13	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 14:13	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/07/21 14:13	127-18-4		
Toluene	ND	ug/L	0.50	1		04/07/21 14:13	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 14:13	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 14:13	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/07/21 14:13	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/07/21 14:13	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/07/21 14:13	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/07/21 14:13	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/07/21 14:13	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 14:13	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 14:13	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/07/21 14:13	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/07/21 14:13	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/07/21 14:13	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		04/07/21 14:13	17060-07-0		
4-Bromofluorobenzene (S)	95	%	70-130	1		04/07/21 14:13	460-00-4		
Toluene-d8 (S)	103	%	70-130	1		04/07/21 14:13	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92531398

QC Batch: 612032

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531398001

METHOD BLANK: 3221538

Matrix: Water

Associated Lab Samples: 92531398001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/07/21 15:46	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/07/21 15:46	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/07/21 15:46	N2
4-Bromofluorobenzene (FID) (S)	%	94	70-130	04/07/21 15:46	
4-Bromofluorobenzene (PID) (S)	%	89	70-130	04/07/21 15:46	

LABORATORY CONTROL SAMPLE & LCSD: 3221539

3221540

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	257	92	86	70-130	7	25	N2
Aliphatic (C09-C12)	ug/L	300	341	325	114	108	70-130	5	25	N2
Aromatic (C09-C10)	ug/L	100	98.2	95.2	98	95	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				101	93	70-130			
4-Bromofluorobenzene (PID) (S)	%				94	88	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92531398

QC Batch: 611882	Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A	Analysis Description: 6010 MET
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92531398001

METHOD BLANK: 3220965 Matrix: Water

Associated Lab Samples: 92531398001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/10/21 22:09	

LABORATORY CONTROL SAMPLE: 3220966

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	506	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3220967 3220968

Parameter	Units	92531196001 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	489	476	98	95	75-125	3	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92531398

QC Batch: 611970	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531398001

METHOD BLANK: 3221179 Matrix: Water

Associated Lab Samples: 92531398001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/07/21 11:30	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/07/21 11:30	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/07/21 11:30	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
1,3-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
2,2-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
2-Chlorotoluene	ug/L	ND	0.50	04/07/21 11:30	
4-Chlorotoluene	ug/L	ND	0.50	04/07/21 11:30	
Benzene	ug/L	ND	0.50	04/07/21 11:30	
Bromobenzene	ug/L	ND	0.50	04/07/21 11:30	
Bromochloromethane	ug/L	ND	0.50	04/07/21 11:30	
Bromodichloromethane	ug/L	ND	0.50	04/07/21 11:30	
Bromoform	ug/L	ND	0.50	04/07/21 11:30	
Bromomethane	ug/L	ND	5.0	04/07/21 11:30	
Carbon tetrachloride	ug/L	ND	0.50	04/07/21 11:30	
Chlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
Chloroethane	ug/L	ND	1.0	04/07/21 11:30	
Chloroform	ug/L	ND	0.50	04/07/21 11:30	
Chloromethane	ug/L	ND	1.0	04/07/21 11:30	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
Dibromochloromethane	ug/L	ND	0.50	04/07/21 11:30	
Dibromomethane	ug/L	ND	0.50	04/07/21 11:30	
Dichlorodifluoromethane	ug/L	ND	0.50	04/07/21 11:30	
Diisopropyl ether	ug/L	ND	0.50	04/07/21 11:30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92531398

METHOD BLANK: 3221179

Matrix: Water

Associated Lab Samples: 92531398001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/07/21 11:30	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/07/21 11:30	
m&p-Xylene	ug/L	ND	1.0	04/07/21 11:30	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/07/21 11:30	
Methylene Chloride	ug/L	ND	2.0	04/07/21 11:30	
n-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
n-Propylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Naphthalene	ug/L	ND	2.0	04/07/21 11:30	
o-Xylene	ug/L	ND	0.50	04/07/21 11:30	
sec-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Styrene	ug/L	ND	0.50	04/07/21 11:30	
tert-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Tetrachloroethene	ug/L	ND	0.50	04/07/21 11:30	
Toluene	ug/L	ND	0.50	04/07/21 11:30	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
Trichloroethene	ug/L	ND	0.50	04/07/21 11:30	
Trichlorofluoromethane	ug/L	ND	1.0	04/07/21 11:30	
Vinyl chloride	ug/L	ND	1.0	04/07/21 11:30	
1,2-Dichloroethane-d4 (S)	%	102	70-130	04/07/21 11:30	
4-Bromofluorobenzene (S)	%	96	70-130	04/07/21 11:30	
Toluene-d8 (S)	%	102	70-130	04/07/21 11:30	

LABORATORY CONTROL SAMPLE: 3221180

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	52.3	105	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	50.0	100	60-140	
1,1,2-Trichloroethane	ug/L	50	51.1	102	60-140	
1,1-Dichloroethane	ug/L	50	52.8	106	60-140	
1,1-Dichloroethene	ug/L	50	57.0	114	60-140	
1,1-Dichloropropene	ug/L	50	52.5	105	60-140	
1,2,3-Trichlorobenzene	ug/L	50	52.4	105	60-140	
1,2,3-Trichloropropane	ug/L	50	48.3	97	60-140	
1,2,4-Trichlorobenzene	ug/L	50	52.2	104	60-140	
1,2,4-Trimethylbenzene	ug/L	50	52.2	104	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	52.3	105	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.1	100	60-140	
1,2-Dichlorobenzene	ug/L	50	50.7	101	60-140	
1,2-Dichloroethane	ug/L	50	46.1	92	60-140	
1,2-Dichloropropane	ug/L	50	52.2	104	60-140	
1,3,5-Trimethylbenzene	ug/L	50	52.7	105	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92531398

LABORATORY CONTROL SAMPLE: 3221180

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	51.9	104	60-140	
1,3-Dichloropropane	ug/L	50	51.3	103	60-140	
1,4-Dichlorobenzene	ug/L	50	52.3	105	60-140	
2,2-Dichloropropane	ug/L	50	54.4	109	60-140	
2-Chlorotoluene	ug/L	50	52.5	105	60-140	
4-Chlorotoluene	ug/L	50	50.4	101	60-140	
Benzene	ug/L	50	50.5	101	60-140	
Bromobenzene	ug/L	50	50.7	101	60-140	
Bromochloromethane	ug/L	50	51.4	103	60-140	
Bromodichloromethane	ug/L	50	52.3	105	60-140	
Bromoform	ug/L	50	53.4	107	60-140	
Bromomethane	ug/L	50	51.5	103	60-140	
Carbon tetrachloride	ug/L	50	53.4	107	60-140	
Chlorobenzene	ug/L	50	51.7	103	60-140	
Chloroethane	ug/L	50	44.3	89	60-140	
Chloroform	ug/L	50	44.7	89	60-140	
Chloromethane	ug/L	50	48.3	97	60-140	
cis-1,2-Dichloroethene	ug/L	50	52.6	105	60-140	
cis-1,3-Dichloropropene	ug/L	50	54.0	108	60-140	
Dibromochloromethane	ug/L	50	54.7	109	60-140	
Dibromomethane	ug/L	50	49.7	99	60-140	
Dichlorodifluoromethane	ug/L	50	46.6	93	60-140	
Diisopropyl ether	ug/L	50	47.6	95	60-140	
Ethylbenzene	ug/L	50	51.3	103	60-140	
Hexachloro-1,3-butadiene	ug/L	50	54.0	108	60-140	
Isopropylbenzene (Cumene)	ug/L	50	54.7	109	60-140	
m&p-Xylene	ug/L	100	105	105	60-140	
Methyl-tert-butyl ether	ug/L	50	46.6	93	60-140	
Methylene Chloride	ug/L	50	48.6	97	60-140	
n-Butylbenzene	ug/L	50	53.1	106	60-140	
n-Propylbenzene	ug/L	50	51.4	103	60-140	
Naphthalene	ug/L	50	49.8	100	60-140	
o-Xylene	ug/L	50	50.9	102	60-140	
sec-Butylbenzene	ug/L	50	51.8	104	60-140	
Styrene	ug/L	50	54.3	109	60-140	
tert-Butylbenzene	ug/L	50	44.4	89	60-140	
Tetrachloroethene	ug/L	50	51.9	104	60-140	
Toluene	ug/L	50	50.8	102	60-140	
trans-1,2-Dichloroethene	ug/L	50	53.7	107	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.8	108	60-140	
Trichloroethene	ug/L	50	51.8	104	60-140	
Trichlorofluoromethane	ug/L	50	43.3	87	60-140	
Vinyl chloride	ug/L	50	50.7	101	60-140	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			100	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92531398

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221181 3221182											
Parameter	Units	92531403001		MS	MSD	3221182		MS	MSD	% Rec	Qual
		Result	Conc.	Spike	Spike	Result	Conc.	Result	Conc.		
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20	21.5	21.0	107	105	60-140	2
1,1,1-Trichloroethane	ug/L	ND	20	20	20	21.8	22.0	109	110	60-140	1
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20	20.9	20.6	104	103	60-140	1
1,1,2-Trichloroethane	ug/L	ND	20	20	20	20.7	21.3	103	107	60-140	3
1,1-Dichloroethane	ug/L	ND	20	20	20	21.9	22.0	110	110	60-140	0
1,1-Dichloroethene	ug/L	ND	20	20	20	23.0	23.5	115	118	60-140	2
1,1-Dichloropropene	ug/L	ND	20	20	20	22.0	21.6	110	108	60-140	2
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20	21.3	21.2	106	106	60-140	0
1,2,3-Trichloropropane	ug/L	ND	20	20	20	20.2	19.7	101	99	60-140	2
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20	20.2	19.9	101	100	60-140	1
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20	21.2	20.6	106	103	60-140	3
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20	20.9	21.3	105	106	60-140	2
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20	21.1	20.8	106	104	60-140	2
1,2-Dichlorobenzene	ug/L	ND	20	20	20	20.0	19.6	100	98	60-140	2
1,2-Dichloroethane	ug/L	ND	20	20	20	18.6	19.1	93	95	60-140	2
1,2-Dichloropropane	ug/L	ND	20	20	20	21.3	21.9	106	109	60-140	3
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20	21.8	21.0	109	105	60-140	4
1,3-Dichlorobenzene	ug/L	ND	20	20	20	20.3	20.0	102	100	60-140	2
1,3-Dichloropropane	ug/L	ND	20	20	20	21.3	20.8	107	104	60-140	3
1,4-Dichlorobenzene	ug/L	ND	20	20	20	20.7	20.3	103	102	60-140	2
2,2-Dichloropropane	ug/L	ND	20	20	20	21.6	21.6	108	108	60-140	0
2-Chlorotoluene	ug/L	ND	20	20	20	21.2	20.8	106	104	60-140	2
4-Chlorotoluene	ug/L	ND	20	20	20	20.1	19.8	101	99	60-140	2
Benzene	ug/L	ND	20	20	20	20.8	21.7	104	109	60-140	4
Bromobenzene	ug/L	ND	20	20	20	21.1	20.7	106	103	60-140	2
Bromochloromethane	ug/L	ND	20	20	20	21.0	21.5	105	107	60-140	2
Bromodichloromethane	ug/L	ND	20	20	20	20.9	21.6	105	108	60-140	3
Bromoform	ug/L	ND	20	20	20	20.8	20.7	104	103	60-140	1
Bromomethane	ug/L	ND	20	20	20	23.7	24.4	118	122	60-140	3
Carbon tetrachloride	ug/L	ND	20	20	20	22.2	22.5	111	113	60-140	1
Chlorobenzene	ug/L	ND	20	20	20	21.3	21.1	107	105	60-140	1
Chloroethane	ug/L	ND	20	20	20	24.1	23.5	121	118	60-140	3
Chloroform	ug/L	7.9	20	20	20	26.6	26.6	93	93	60-140	0
Chloromethane	ug/L	ND	20	20	20	19.8	20.4	99	102	60-140	3
cis-1,2-Dichloroethene	ug/L	ND	20	20	20	21.6	21.8	108	109	60-140	1
cis-1,3-Dichloropropene	ug/L	ND	20	20	20	21.2	22.5	106	113	60-140	6
Dibromochloromethane	ug/L	ND	20	20	20	22.4	21.8	112	109	60-140	2
Dibromomethane	ug/L	ND	20	20	20	20.7	21.2	104	106	60-140	2
Dichlorodifluoromethane	ug/L	ND	20	20	20	19.9	20.2	100	101	60-140	1
Diisopropyl ether	ug/L	ND	20	20	20	19.3	19.1	97	95	60-140	1
Ethylbenzene	ug/L	ND	20	20	20	21.3	20.9	106	105	60-140	2
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20	22.4	22.3	112	112	60-140	0
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20	22.5	22.0	112	110	60-140	2
m&p-Xylene	ug/L	ND	40	40	40	43.3	42.2	108	105	60-140	2
Methyl-tert-butyl ether	ug/L	ND	20	20	20	18.9	19.3	94	96	60-140	2
Methylene Chloride	ug/L	ND	20	20	20	20.0	20.0	100	100	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

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92531398

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221181				3221182							
Parameter	92531403001		MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.							
n-Butylbenzene	ug/L	ND	20	20	21.4	20.9	107	104	60-140	2	
n-Propylbenzene	ug/L	ND	20	20	21.4	21.0	107	105	60-140	2	
Naphthalene	ug/L	ND	20	20	20.1	20.2	101	101	60-140	0	
o-Xylene	ug/L	ND	20	20	21.0	20.7	105	104	60-140	2	
sec-Butylbenzene	ug/L	ND	20	20	21.8	21.2	109	106	60-140	3	
Styrene	ug/L	ND	20	20	21.0	20.7	105	104	60-140	1	
tert-Butylbenzene	ug/L	ND	20	20	18.9	18.3	94	91	60-140	3	
Tetrachloroethene	ug/L	ND	20	20	21.9	21.0	109	105	60-140	4	
Toluene	ug/L	ND	20	20	21.1	21.6	106	108	60-140	2	
trans-1,2-Dichloroethene	ug/L	ND	20	20	22.0	22.2	110	111	60-140	1	
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.1	21.4	106	107	60-140	1	
Trichloroethene	ug/L	ND	20	20	21.6	21.6	108	108	60-140	0	
Trichlorofluoromethane	ug/L	ND	20	20	22.3	21.7	112	108	60-140	3	
Vinyl chloride	ug/L	ND	20	20	20.9	20.8	104	104	60-140	0	
1,2-Dichloroethane-d4 (S)	%						98	102	70-130		
4-Bromofluorobenzene (S)	%						100	101	70-130		
Toluene-d8 (S)	%						100	106	70-130		

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92531398

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92531398

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531398001	14226_HC_RD_20210406	MADEP VPH	612032		
92531398001	14226_HC_RD_20210406	EPA 3010A	611882	EPA 6010D	611913
92531398001	14226_HC_RD_20210406	SM 6200B	611970		

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[illegible]

*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# : 92531398

PM: AMB

Due Date: 04/13/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic Zn Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

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

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

April 13, 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.: 92531400

Dear Andrew Street:

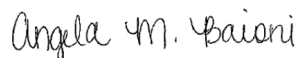
Enclosed are the analytical results for sample(s) received by the laboratory on April 06, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise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



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

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CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531400

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531400

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531400001	14401_HC_RD_20210406	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531400

Sample: 14401_HC_RD_20210406		Lab ID: 92531400001		Collected: 04/06/21 09:15		Received: 04/06/21 14:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
VPH NC Water		Analytical Method: MADEP VPH Pace Analytical Services - Charlotte							
Aliphatic (C05-C08)	ND	ug/L	50.0	1		04/08/21 06:58		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/08/21 06:58		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/08/21 06:58		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/08/21 06:58		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	93	%	70-130	1		04/08/21 06:58	460-00-4		
4-Bromofluorobenzene (PID) (S)	89	%	70-130	1		04/08/21 06:58	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/07/21 01:36	04/10/21 23:24	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/07/21 13:18	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/07/21 13:18	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/07/21 13:18	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/07/21 13:18	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/07/21 13:18	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/07/21 13:18	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/07/21 13:18	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/07/21 13:18	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/07/21 13:18	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/07/21 13:18	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/07/21 13:18	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/07/21 13:18	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/07/21 13:18	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/07/21 13:18	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 13:18	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 13:18	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/07/21 13:18	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/07/21 13:18	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/07/21 13:18	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/07/21 13:18	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 13:18	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 13:18	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 13:18	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/07/21 13:18	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/07/21 13:18	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/07/21 13:18	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/07/21 13:18	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 13:18	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 13:18	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 13:18	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/07/21 13:18	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 13:18	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531400

Sample: 14401_HC_RD_20210406		Lab ID: 92531400001		Collected: 04/06/21 09:15		Received: 04/06/21 14:00		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		04/07/21 13:18	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 13:18	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 13:18	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/07/21 13:18	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/07/21 13:18	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/07/21 13:18	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/07/21 13:18	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/07/21 13:18	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/07/21 13:18	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/07/21 13:18	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/07/21 13:18	103-65-1		
Styrene	ND	ug/L	0.50	1		04/07/21 13:18	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 13:18	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 13:18	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/07/21 13:18	127-18-4		
Toluene	ND	ug/L	0.50	1		04/07/21 13:18	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 13:18	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 13:18	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/07/21 13:18	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/07/21 13:18	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/07/21 13:18	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/07/21 13:18	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/07/21 13:18	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 13:18	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 13:18	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/07/21 13:18	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/07/21 13:18	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/07/21 13:18	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		04/07/21 13:18	17060-07-0		
4-Bromofluorobenzene (S)	102	%	70-130	1		04/07/21 13:18	460-00-4		
Toluene-d8 (S)	103	%	70-130	1		04/07/21 13:18	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531400

QC Batch: 612032

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531400001

METHOD BLANK: 3221538

Matrix: Water

Associated Lab Samples: 92531400001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/07/21 15:46	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/07/21 15:46	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/07/21 15:46	N2
4-Bromofluorobenzene (FID) (S)	%	94	70-130	04/07/21 15:46	
4-Bromofluorobenzene (PID) (S)	%	89	70-130	04/07/21 15:46	

LABORATORY CONTROL SAMPLE & LCSD: 3221539

3221540

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	257	92	86	70-130	7	25	N2
Aliphatic (C09-C12)	ug/L	300	341	325	114	108	70-130	5	25	N2
Aromatic (C09-C10)	ug/L	100	98.2	95.2	98	95	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				101	93	70-130			
4-Bromofluorobenzene (PID) (S)	%				94	88	70-130			

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531400

QC Batch: 611882

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92531400001

METHOD BLANK: 3220965

Matrix: Water

Associated Lab Samples: 92531400001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/10/21 22:09	

LABORATORY CONTROL SAMPLE: 3220966

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	506	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3220967 3220968

Parameter	Units	92531196001 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	489	476	98	95	75-125	3	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92531400

QC Batch: 611970	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531400001

METHOD BLANK: 3221179 Matrix: Water

Associated Lab Samples: 92531400001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/07/21 11:30	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/07/21 11:30	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/07/21 11:30	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
1,3-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
2,2-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
2-Chlorotoluene	ug/L	ND	0.50	04/07/21 11:30	
4-Chlorotoluene	ug/L	ND	0.50	04/07/21 11:30	
Benzene	ug/L	ND	0.50	04/07/21 11:30	
Bromobenzene	ug/L	ND	0.50	04/07/21 11:30	
Bromochloromethane	ug/L	ND	0.50	04/07/21 11:30	
Bromodichloromethane	ug/L	ND	0.50	04/07/21 11:30	
Bromoform	ug/L	ND	0.50	04/07/21 11:30	
Bromomethane	ug/L	ND	5.0	04/07/21 11:30	
Carbon tetrachloride	ug/L	ND	0.50	04/07/21 11:30	
Chlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
Chloroethane	ug/L	ND	1.0	04/07/21 11:30	
Chloroform	ug/L	ND	0.50	04/07/21 11:30	
Chloromethane	ug/L	ND	1.0	04/07/21 11:30	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
Dibromochloromethane	ug/L	ND	0.50	04/07/21 11:30	
Dibromomethane	ug/L	ND	0.50	04/07/21 11:30	
Dichlorodifluoromethane	ug/L	ND	0.50	04/07/21 11:30	
Diisopropyl ether	ug/L	ND	0.50	04/07/21 11:30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531400

METHOD BLANK: 3221179

Matrix: Water

Associated Lab Samples: 92531400001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/07/21 11:30	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/07/21 11:30	
m&p-Xylene	ug/L	ND	1.0	04/07/21 11:30	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/07/21 11:30	
Methylene Chloride	ug/L	ND	2.0	04/07/21 11:30	
n-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
n-Propylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Naphthalene	ug/L	ND	2.0	04/07/21 11:30	
o-Xylene	ug/L	ND	0.50	04/07/21 11:30	
sec-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Styrene	ug/L	ND	0.50	04/07/21 11:30	
tert-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Tetrachloroethene	ug/L	ND	0.50	04/07/21 11:30	
Toluene	ug/L	ND	0.50	04/07/21 11:30	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
Trichloroethene	ug/L	ND	0.50	04/07/21 11:30	
Trichlorofluoromethane	ug/L	ND	1.0	04/07/21 11:30	
Vinyl chloride	ug/L	ND	1.0	04/07/21 11:30	
1,2-Dichloroethane-d4 (S)	%	102	70-130	04/07/21 11:30	
4-Bromofluorobenzene (S)	%	96	70-130	04/07/21 11:30	
Toluene-d8 (S)	%	102	70-130	04/07/21 11:30	

LABORATORY CONTROL SAMPLE: 3221180

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	52.3	105	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	50.0	100	60-140	
1,1,2-Trichloroethane	ug/L	50	51.1	102	60-140	
1,1-Dichloroethane	ug/L	50	52.8	106	60-140	
1,1-Dichloroethene	ug/L	50	57.0	114	60-140	
1,1-Dichloropropene	ug/L	50	52.5	105	60-140	
1,2,3-Trichlorobenzene	ug/L	50	52.4	105	60-140	
1,2,3-Trichloropropane	ug/L	50	48.3	97	60-140	
1,2,4-Trichlorobenzene	ug/L	50	52.2	104	60-140	
1,2,4-Trimethylbenzene	ug/L	50	52.2	104	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	52.3	105	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.1	100	60-140	
1,2-Dichlorobenzene	ug/L	50	50.7	101	60-140	
1,2-Dichloroethane	ug/L	50	46.1	92	60-140	
1,2-Dichloropropane	ug/L	50	52.2	104	60-140	
1,3,5-Trimethylbenzene	ug/L	50	52.7	105	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531400

LABORATORY CONTROL SAMPLE: 3221180

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	51.9	104	60-140	
1,3-Dichloropropane	ug/L	50	51.3	103	60-140	
1,4-Dichlorobenzene	ug/L	50	52.3	105	60-140	
2,2-Dichloropropane	ug/L	50	54.4	109	60-140	
2-Chlorotoluene	ug/L	50	52.5	105	60-140	
4-Chlorotoluene	ug/L	50	50.4	101	60-140	
Benzene	ug/L	50	50.5	101	60-140	
Bromobenzene	ug/L	50	50.7	101	60-140	
Bromochloromethane	ug/L	50	51.4	103	60-140	
Bromodichloromethane	ug/L	50	52.3	105	60-140	
Bromoform	ug/L	50	53.4	107	60-140	
Bromomethane	ug/L	50	51.5	103	60-140	
Carbon tetrachloride	ug/L	50	53.4	107	60-140	
Chlorobenzene	ug/L	50	51.7	103	60-140	
Chloroethane	ug/L	50	44.3	89	60-140	
Chloroform	ug/L	50	44.7	89	60-140	
Chloromethane	ug/L	50	48.3	97	60-140	
cis-1,2-Dichloroethene	ug/L	50	52.6	105	60-140	
cis-1,3-Dichloropropene	ug/L	50	54.0	108	60-140	
Dibromochloromethane	ug/L	50	54.7	109	60-140	
Dibromomethane	ug/L	50	49.7	99	60-140	
Dichlorodifluoromethane	ug/L	50	46.6	93	60-140	
Diisopropyl ether	ug/L	50	47.6	95	60-140	
Ethylbenzene	ug/L	50	51.3	103	60-140	
Hexachloro-1,3-butadiene	ug/L	50	54.0	108	60-140	
Isopropylbenzene (Cumene)	ug/L	50	54.7	109	60-140	
m&p-Xylene	ug/L	100	105	105	60-140	
Methyl-tert-butyl ether	ug/L	50	46.6	93	60-140	
Methylene Chloride	ug/L	50	48.6	97	60-140	
n-Butylbenzene	ug/L	50	53.1	106	60-140	
n-Propylbenzene	ug/L	50	51.4	103	60-140	
Naphthalene	ug/L	50	49.8	100	60-140	
o-Xylene	ug/L	50	50.9	102	60-140	
sec-Butylbenzene	ug/L	50	51.8	104	60-140	
Styrene	ug/L	50	54.3	109	60-140	
tert-Butylbenzene	ug/L	50	44.4	89	60-140	
Tetrachloroethene	ug/L	50	51.9	104	60-140	
Toluene	ug/L	50	50.8	102	60-140	
trans-1,2-Dichloroethene	ug/L	50	53.7	107	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.8	108	60-140	
Trichloroethene	ug/L	50	51.8	104	60-140	
Trichlorofluoromethane	ug/L	50	43.3	87	60-140	
Vinyl chloride	ug/L	50	50.7	101	60-140	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			100	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531400

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221181 3221182											
Parameter	Units	92531403001		MS	MSD	3221182		MS	MSD	% Rec	% Rec
		Result	Conc.	Spike	Spike	Result	Conc.	Result	Conc.		
										Limits	RPD
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20	21.5	21.0	107	105	60-140	2
1,1,1-Trichloroethane	ug/L	ND	20	20	20	21.8	22.0	109	110	60-140	1
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20	20.9	20.6	104	103	60-140	1
1,1,2-Trichloroethane	ug/L	ND	20	20	20	20.7	21.3	103	107	60-140	3
1,1-Dichloroethane	ug/L	ND	20	20	20	21.9	22.0	110	110	60-140	0
1,1-Dichloroethene	ug/L	ND	20	20	20	23.0	23.5	115	118	60-140	2
1,1-Dichloropropene	ug/L	ND	20	20	20	22.0	21.6	110	108	60-140	2
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20	21.3	21.2	106	106	60-140	0
1,2,3-Trichloropropane	ug/L	ND	20	20	20	20.2	19.7	101	99	60-140	2
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20	20.2	19.9	101	100	60-140	1
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20	21.2	20.6	106	103	60-140	3
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20	20.9	21.3	105	106	60-140	2
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20	21.1	20.8	106	104	60-140	2
1,2-Dichlorobenzene	ug/L	ND	20	20	20	20.0	19.6	100	98	60-140	2
1,2-Dichloroethane	ug/L	ND	20	20	20	18.6	19.1	93	95	60-140	2
1,2-Dichloropropane	ug/L	ND	20	20	20	21.3	21.9	106	109	60-140	3
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20	21.8	21.0	109	105	60-140	4
1,3-Dichlorobenzene	ug/L	ND	20	20	20	20.3	20.0	102	100	60-140	2
1,3-Dichloropropane	ug/L	ND	20	20	20	21.3	20.8	107	104	60-140	3
1,4-Dichlorobenzene	ug/L	ND	20	20	20	20.7	20.3	103	102	60-140	2
2,2-Dichloropropane	ug/L	ND	20	20	20	21.6	21.6	108	108	60-140	0
2-Chlorotoluene	ug/L	ND	20	20	20	21.2	20.8	106	104	60-140	2
4-Chlorotoluene	ug/L	ND	20	20	20	20.1	19.8	101	99	60-140	2
Benzene	ug/L	ND	20	20	20	20.8	21.7	104	109	60-140	4
Bromobenzene	ug/L	ND	20	20	20	21.1	20.7	106	103	60-140	2
Bromochloromethane	ug/L	ND	20	20	20	21.0	21.5	105	107	60-140	2
Bromodichloromethane	ug/L	ND	20	20	20	20.9	21.6	105	108	60-140	3
Bromoforn	ug/L	ND	20	20	20	20.8	20.7	104	103	60-140	1
Bromomethane	ug/L	ND	20	20	20	23.7	24.4	118	122	60-140	3
Carbon tetrachloride	ug/L	ND	20	20	20	22.2	22.5	111	113	60-140	1
Chlorobenzene	ug/L	ND	20	20	20	21.3	21.1	107	105	60-140	1
Chloroethane	ug/L	ND	20	20	20	24.1	23.5	121	118	60-140	3
Chloroform	ug/L	7.9	20	20	20	26.6	26.6	93	93	60-140	0
Chloromethane	ug/L	ND	20	20	20	19.8	20.4	99	102	60-140	3
cis-1,2-Dichloroethene	ug/L	ND	20	20	20	21.6	21.8	108	109	60-140	1
cis-1,3-Dichloropropene	ug/L	ND	20	20	20	21.2	22.5	106	113	60-140	6
Dibromochloromethane	ug/L	ND	20	20	20	22.4	21.8	112	109	60-140	2
Dibromomethane	ug/L	ND	20	20	20	20.7	21.2	104	106	60-140	2
Dichlorodifluoromethane	ug/L	ND	20	20	20	19.9	20.2	100	101	60-140	1
Diisopropyl ether	ug/L	ND	20	20	20	19.3	19.1	97	95	60-140	1
Ethylbenzene	ug/L	ND	20	20	20	21.3	20.9	106	105	60-140	2
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20	22.4	22.3	112	112	60-140	0
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20	22.5	22.0	112	110	60-140	2
m&p-Xylene	ug/L	ND	40	40	40	43.3	42.2	108	105	60-140	2
Methyl-tert-butyl ether	ug/L	ND	20	20	20	18.9	19.3	94	96	60-140	2
Methylene Chloride	ug/L	ND	20	20	20	20.0	20.0	100	100	60-140	0

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531400

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221181 3221182											
Parameter	Units	92531403001		MS	MSD	MS		MSD	% Rec		Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
n-Butylbenzene	ug/L	ND	20	20	20	21.4	20.9	107	104	60-140	2
n-Propylbenzene	ug/L	ND	20	20	20	21.4	21.0	107	105	60-140	2
Naphthalene	ug/L	ND	20	20	20	20.1	20.2	101	101	60-140	0
o-Xylene	ug/L	ND	20	20	20	21.0	20.7	105	104	60-140	2
sec-Butylbenzene	ug/L	ND	20	20	20	21.8	21.2	109	106	60-140	3
Styrene	ug/L	ND	20	20	20	21.0	20.7	105	104	60-140	1
tert-Butylbenzene	ug/L	ND	20	20	20	18.9	18.3	94	91	60-140	3
Tetrachloroethene	ug/L	ND	20	20	20	21.9	21.0	109	105	60-140	4
Toluene	ug/L	ND	20	20	20	21.1	21.6	106	108	60-140	2
trans-1,2-Dichloroethene	ug/L	ND	20	20	20	22.0	22.2	110	111	60-140	1
trans-1,3-Dichloropropene	ug/L	ND	20	20	20	21.1	21.4	106	107	60-140	1
Trichloroethene	ug/L	ND	20	20	20	21.6	21.6	108	108	60-140	0
Trichlorofluoromethane	ug/L	ND	20	20	20	22.3	21.7	112	108	60-140	3
Vinyl chloride	ug/L	ND	20	20	20	20.9	20.8	104	104	60-140	0
1,2-Dichloroethane-d4 (S)	%							98	102	70-130	
4-Bromofluorobenzene (S)	%							100	101	70-130	
Toluene-d8 (S)	%							100	106	70-130	

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QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531400

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92531400

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531400001	14401_HC_RD_20210406	MADEP VPH	612032		
92531400001	14401_HC_RD_20210406	EPA 3010A	611882	EPA 6010D	611913
92531400001	14401_HC_RD_20210406	SM 6200B	611970		

REPORT OF LABORATORY ANALYSIS

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92531400

Billing Information:

Container Preservative Type **

Lab Project Manager:

Report To: Andrew Street
Email To: Andrew.Street@pacean.com
Site Collection Info/Address: 14401 Huntressville Concord Rd
State: NC County/City: Huntressville Time Zone Collected: 1 PT 1 MT 1 CT 1 ET

Customer Project Name/Number:

2020-11-2448 Incident

Phone: 703-244-1128 Site/Facility ID #:

Email: Andrew.Street@pacean.com Compliance Monitoring? 1 Yes 1 No

Collected By (print): Naomi Fritz Purchase Order #:

Collected By (signature): Naomi Fritz Quote #:

Sample Disposal: ASAP Turnaround Date Required:

1 Dispose as appropriate 1 Return 1 Yes 1 No

1 Archive: Rush: 1 Same Day 1 Next Day 1 Yes 1 No

1 Hold: 1 2 Day 1 3 Day 1 4 Day 1 5 Day Analysis: Field Filtered (if applicable):

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID

Matrix *

Comp / Grab

Collected (or Composite Start) Date Time

Composite End Date Time

Res Cl # of Cns

14401-NC-020210916

DW

G

04/21/2015

8

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

VOCs 6200B
MADEP VPH
Lead

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact Y N NA
Custody Signatures Present Y N NA
Collector Signatures Present Y N NA
Bottles Intact Y N NA
Correct Bottles Y N NA
Sufficient Volume Y N NA
Samples Received on Ice Y N NA
VOA - Headspace Acceptable Y N NA
USDA Regulated Soils Y N NA
Residual Chlorine Present Y N NA
Cl Strips: Y N NA
Sample pH Acceptable Y N NA
pH Strips: Y N NA
Sulfide Present Y N NA
Lead Acetate Strips: Y N NA

LAB USE ONLY:
Lab Sample # / Comments:

92531400

CO2

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

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

Date/Time: 4-6-21 1400 Received by/Company: (Signature) Pace 208

Date/Time: 4-6-21 1400 Received by/Company: (Signature)

Date/Time: 4-6-21 1400 Received by/Company: (Signature)

Date/Time: 4-6-21 1400 Received by/Company: (Signature)

Date/Time: 4-6-21 1400 Received by/Company: (Signature)

Date/Time: 4-6-21 1400 Received by/Company: (Signature)

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Date/Time: 4-6-21 1400 Received by/Company: (Signature)

Date/Time: 4-6-21 1400 Received by/Company: (Signature)

Date/Time: 4-6-21 1400 Received by/Company: (Signature)

Date/Time: 4-6-21 1400 Received by/Company: (Signature)

SHORT HOLDS PRESENT (<72 hours): Y NA

Lab Tracking #:

2615458

Samples received via: FEDEX UPS Chem Courier Pace Courier

Date/Time: 4-6-21 1400 Accnum: MTJL LAB USE ONLY

Date/Time: 4-6-21 1400 Template: Prelogin:

Date/Time: 4-6-21 1400 PM: NA

Date/Time: 4-6-21 1400 PB: NA

Date/Time: 4-6-21 1400 Trip Blank Received: Y N NA

Date/Time: 4-6-21 1400 HCL MeOH TSP Other

Date/Time: 4-6-21 1400 Non Conformance(s): Y N NA

Date/Time: 4-6-21 1400 YES / NA

Date/Time: 4-6-21 1400 Page: 1 of: 1

Date/Time: 4-6-21 1400

Date/Time: 4-6-21 1400

Date/Time: 4-6-21 1400

April 13, 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.: 92531403

Dear Andrew Street:

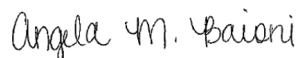
Enclosed are the analytical results for sample(s) received by the laboratory on April 06, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise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



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

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92531403

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92531403

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531403001	13926B_HC_RD_20210406	MADEP VPH	LMB	6	PASI-C
		EPA 6010D	KQ	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92531403

Sample: 13926B_HC_RD_20210406		Lab ID: 92531403001		Collected: 04/06/21 11:40		Received: 04/06/21 14:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
VPH NC Water		Analytical Method: MADEP VPH Pace Analytical Services - Charlotte							
Aliphatic (C05-C08)	ND	ug/L	50.0	1		04/08/21 07:27		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/08/21 07:27		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/08/21 07:27		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/08/21 07:27		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	93	%	70-130	1		04/08/21 07:27	460-00-4		
4-Bromofluorobenzene (PID) (S)	90	%	70-130	1		04/08/21 07:27	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/07/21 01:36	04/10/21 23:27	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/07/21 14:31	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/07/21 14:31	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/07/21 14:31	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/07/21 14:31	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/07/21 14:31	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/07/21 14:31	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/07/21 14:31	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/07/21 14:31	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/07/21 14:31	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/07/21 14:31	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/07/21 14:31	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/07/21 14:31	75-00-3		
Chloroform	7.9	ug/L	0.50	1		04/07/21 14:31	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/07/21 14:31	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 14:31	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/07/21 14:31	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/07/21 14:31	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/07/21 14:31	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/07/21 14:31	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/07/21 14:31	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 14:31	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 14:31	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/07/21 14:31	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/07/21 14:31	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/07/21 14:31	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/07/21 14:31	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/07/21 14:31	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 14:31	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/07/21 14:31	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 14:31	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/07/21 14:31	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/07/21 14:31	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92531403

Sample: 13926B_HC_RD_20210406		Lab ID: 92531403001		Collected: 04/06/21 11:40		Received: 04/06/21 14:00		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		04/07/21 14:31	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 14:31	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/07/21 14:31	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/07/21 14:31	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/07/21 14:31	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/07/21 14:31	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/07/21 14:31	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/07/21 14:31	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/07/21 14:31	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/07/21 14:31	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/07/21 14:31	103-65-1		
Styrene	ND	ug/L	0.50	1		04/07/21 14:31	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 14:31	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/07/21 14:31	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/07/21 14:31	127-18-4		
Toluene	ND	ug/L	0.50	1		04/07/21 14:31	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 14:31	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/07/21 14:31	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/07/21 14:31	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/07/21 14:31	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/07/21 14:31	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/07/21 14:31	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/07/21 14:31	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 14:31	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/07/21 14:31	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/07/21 14:31	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/07/21 14:31	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/07/21 14:31	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		04/07/21 14:31	17060-07-0		
4-Bromofluorobenzene (S)	93	%	70-130	1		04/07/21 14:31	460-00-4		
Toluene-d8 (S)	101	%	70-130	1		04/07/21 14:31	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92531403

QC Batch:	612032	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92531403001

METHOD BLANK: 3221538 Matrix: Water

Associated Lab Samples: 92531403001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/07/21 15:46	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/07/21 15:46	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/07/21 15:46	N2
4-Bromofluorobenzene (FID) (S)	%	94	70-130	04/07/21 15:46	
4-Bromofluorobenzene (PID) (S)	%	89	70-130	04/07/21 15:46	

LABORATORY CONTROL SAMPLE & LCSD: 3221539

LABORATORY CONTROL SAMPLE & LCSD: 3221539			3221540							
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	257	92	86	70-130	7	25	N2
Aliphatic (C09-C12)	ug/L	300	341	325	114	108	70-130	5	25	N2
Aromatic (C09-C10)	ug/L	100	98.2	95.2	98	95	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				101	93	70-130			
4-Bromofluorobenzene (PID) (S)	%				94	88	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92531403

QC Batch: 611882	Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A	Analysis Description: 6010 MET
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92531403001

METHOD BLANK: 3220965 Matrix: Water

Associated Lab Samples: 92531403001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/10/21 22:09	

LABORATORY CONTROL SAMPLE: 3220966

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	506	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3220967 3220968

Parameter	Units	92531196001 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	489	476	98	95	75-125	3	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92531403

QC Batch: 611970	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531403001

METHOD BLANK: 3221179 Matrix: Water

Associated Lab Samples: 92531403001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
1,1-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/07/21 11:30	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/07/21 11:30	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/07/21 11:30	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichloroethane	ug/L	ND	0.50	04/07/21 11:30	
1,2-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
1,3-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
2,2-Dichloropropane	ug/L	ND	0.50	04/07/21 11:30	
2-Chlorotoluene	ug/L	ND	0.50	04/07/21 11:30	
4-Chlorotoluene	ug/L	ND	0.50	04/07/21 11:30	
Benzene	ug/L	ND	0.50	04/07/21 11:30	
Bromobenzene	ug/L	ND	0.50	04/07/21 11:30	
Bromochloromethane	ug/L	ND	0.50	04/07/21 11:30	
Bromodichloromethane	ug/L	ND	0.50	04/07/21 11:30	
Bromoform	ug/L	ND	0.50	04/07/21 11:30	
Bromomethane	ug/L	ND	5.0	04/07/21 11:30	
Carbon tetrachloride	ug/L	ND	0.50	04/07/21 11:30	
Chlorobenzene	ug/L	ND	0.50	04/07/21 11:30	
Chloroethane	ug/L	ND	1.0	04/07/21 11:30	
Chloroform	ug/L	ND	0.50	04/07/21 11:30	
Chloromethane	ug/L	ND	1.0	04/07/21 11:30	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
Dibromochloromethane	ug/L	ND	0.50	04/07/21 11:30	
Dibromomethane	ug/L	ND	0.50	04/07/21 11:30	
Dichlorodifluoromethane	ug/L	ND	0.50	04/07/21 11:30	
Diisopropyl ether	ug/L	ND	0.50	04/07/21 11:30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92531403

METHOD BLANK: 3221179

Matrix: Water

Associated Lab Samples: 92531403001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/07/21 11:30	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/07/21 11:30	
m&p-Xylene	ug/L	ND	1.0	04/07/21 11:30	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/07/21 11:30	
Methylene Chloride	ug/L	ND	2.0	04/07/21 11:30	
n-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
n-Propylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Naphthalene	ug/L	ND	2.0	04/07/21 11:30	
o-Xylene	ug/L	ND	0.50	04/07/21 11:30	
sec-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Styrene	ug/L	ND	0.50	04/07/21 11:30	
tert-Butylbenzene	ug/L	ND	0.50	04/07/21 11:30	
Tetrachloroethene	ug/L	ND	0.50	04/07/21 11:30	
Toluene	ug/L	ND	0.50	04/07/21 11:30	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/07/21 11:30	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/07/21 11:30	
Trichloroethene	ug/L	ND	0.50	04/07/21 11:30	
Trichlorofluoromethane	ug/L	ND	1.0	04/07/21 11:30	
Vinyl chloride	ug/L	ND	1.0	04/07/21 11:30	
1,2-Dichloroethane-d4 (S)	%	102	70-130	04/07/21 11:30	
4-Bromofluorobenzene (S)	%	96	70-130	04/07/21 11:30	
Toluene-d8 (S)	%	102	70-130	04/07/21 11:30	

LABORATORY CONTROL SAMPLE: 3221180

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	52.3	105	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	50.0	100	60-140	
1,1,2-Trichloroethane	ug/L	50	51.1	102	60-140	
1,1-Dichloroethane	ug/L	50	52.8	106	60-140	
1,1-Dichloroethene	ug/L	50	57.0	114	60-140	
1,1-Dichloropropene	ug/L	50	52.5	105	60-140	
1,2,3-Trichlorobenzene	ug/L	50	52.4	105	60-140	
1,2,3-Trichloropropane	ug/L	50	48.3	97	60-140	
1,2,4-Trichlorobenzene	ug/L	50	52.2	104	60-140	
1,2,4-Trimethylbenzene	ug/L	50	52.2	104	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	52.3	105	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.1	100	60-140	
1,2-Dichlorobenzene	ug/L	50	50.7	101	60-140	
1,2-Dichloroethane	ug/L	50	46.1	92	60-140	
1,2-Dichloropropane	ug/L	50	52.2	104	60-140	
1,3,5-Trimethylbenzene	ug/L	50	52.7	105	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92531403

LABORATORY CONTROL SAMPLE: 3221180

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	51.9	104	60-140	
1,3-Dichloropropane	ug/L	50	51.3	103	60-140	
1,4-Dichlorobenzene	ug/L	50	52.3	105	60-140	
2,2-Dichloropropane	ug/L	50	54.4	109	60-140	
2-Chlorotoluene	ug/L	50	52.5	105	60-140	
4-Chlorotoluene	ug/L	50	50.4	101	60-140	
Benzene	ug/L	50	50.5	101	60-140	
Bromobenzene	ug/L	50	50.7	101	60-140	
Bromochloromethane	ug/L	50	51.4	103	60-140	
Bromodichloromethane	ug/L	50	52.3	105	60-140	
Bromoform	ug/L	50	53.4	107	60-140	
Bromomethane	ug/L	50	51.5	103	60-140	
Carbon tetrachloride	ug/L	50	53.4	107	60-140	
Chlorobenzene	ug/L	50	51.7	103	60-140	
Chloroethane	ug/L	50	44.3	89	60-140	
Chloroform	ug/L	50	44.7	89	60-140	
Chloromethane	ug/L	50	48.3	97	60-140	
cis-1,2-Dichloroethene	ug/L	50	52.6	105	60-140	
cis-1,3-Dichloropropene	ug/L	50	54.0	108	60-140	
Dibromochloromethane	ug/L	50	54.7	109	60-140	
Dibromomethane	ug/L	50	49.7	99	60-140	
Dichlorodifluoromethane	ug/L	50	46.6	93	60-140	
Diisopropyl ether	ug/L	50	47.6	95	60-140	
Ethylbenzene	ug/L	50	51.3	103	60-140	
Hexachloro-1,3-butadiene	ug/L	50	54.0	108	60-140	
Isopropylbenzene (Cumene)	ug/L	50	54.7	109	60-140	
m&p-Xylene	ug/L	100	105	105	60-140	
Methyl-tert-butyl ether	ug/L	50	46.6	93	60-140	
Methylene Chloride	ug/L	50	48.6	97	60-140	
n-Butylbenzene	ug/L	50	53.1	106	60-140	
n-Propylbenzene	ug/L	50	51.4	103	60-140	
Naphthalene	ug/L	50	49.8	100	60-140	
o-Xylene	ug/L	50	50.9	102	60-140	
sec-Butylbenzene	ug/L	50	51.8	104	60-140	
Styrene	ug/L	50	54.3	109	60-140	
tert-Butylbenzene	ug/L	50	44.4	89	60-140	
Tetrachloroethene	ug/L	50	51.9	104	60-140	
Toluene	ug/L	50	50.8	102	60-140	
trans-1,2-Dichloroethene	ug/L	50	53.7	107	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.8	108	60-140	
Trichloroethene	ug/L	50	51.8	104	60-140	
Trichlorofluoromethane	ug/L	50	43.3	87	60-140	
Vinyl chloride	ug/L	50	50.7	101	60-140	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			100	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92531403

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221181 3221182											
Parameter	Units	92531403001		MS	MSD	3221182		MS	MSD	% Rec	% Rec
		Result	Conc.	Spike	Spike	Result	Conc.	Result	Conc.		
										Limits	RPD
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20	21.5	21.0	107	105	60-140	2
1,1,1-Trichloroethane	ug/L	ND	20	20	20	21.8	22.0	109	110	60-140	1
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20	20.9	20.6	104	103	60-140	1
1,1,2-Trichloroethane	ug/L	ND	20	20	20	20.7	21.3	103	107	60-140	3
1,1-Dichloroethane	ug/L	ND	20	20	20	21.9	22.0	110	110	60-140	0
1,1-Dichloroethene	ug/L	ND	20	20	20	23.0	23.5	115	118	60-140	2
1,1-Dichloropropene	ug/L	ND	20	20	20	22.0	21.6	110	108	60-140	2
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20	21.3	21.2	106	106	60-140	0
1,2,3-Trichloropropane	ug/L	ND	20	20	20	20.2	19.7	101	99	60-140	2
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20	20.2	19.9	101	100	60-140	1
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20	21.2	20.6	106	103	60-140	3
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20	20.9	21.3	105	106	60-140	2
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20	21.1	20.8	106	104	60-140	2
1,2-Dichlorobenzene	ug/L	ND	20	20	20	20.0	19.6	100	98	60-140	2
1,2-Dichloroethane	ug/L	ND	20	20	20	18.6	19.1	93	95	60-140	2
1,2-Dichloropropane	ug/L	ND	20	20	20	21.3	21.9	106	109	60-140	3
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20	21.8	21.0	109	105	60-140	4
1,3-Dichlorobenzene	ug/L	ND	20	20	20	20.3	20.0	102	100	60-140	2
1,3-Dichloropropane	ug/L	ND	20	20	20	21.3	20.8	107	104	60-140	3
1,4-Dichlorobenzene	ug/L	ND	20	20	20	20.7	20.3	103	102	60-140	2
2,2-Dichloropropane	ug/L	ND	20	20	20	21.6	21.6	108	108	60-140	0
2-Chlorotoluene	ug/L	ND	20	20	20	21.2	20.8	106	104	60-140	2
4-Chlorotoluene	ug/L	ND	20	20	20	20.1	19.8	101	99	60-140	2
Benzene	ug/L	ND	20	20	20	20.8	21.7	104	109	60-140	4
Bromobenzene	ug/L	ND	20	20	20	21.1	20.7	106	103	60-140	2
Bromochloromethane	ug/L	ND	20	20	20	21.0	21.5	105	107	60-140	2
Bromodichloromethane	ug/L	ND	20	20	20	20.9	21.6	105	108	60-140	3
Bromoform	ug/L	ND	20	20	20	20.8	20.7	104	103	60-140	1
Bromomethane	ug/L	ND	20	20	20	23.7	24.4	118	122	60-140	3
Carbon tetrachloride	ug/L	ND	20	20	20	22.2	22.5	111	113	60-140	1
Chlorobenzene	ug/L	ND	20	20	20	21.3	21.1	107	105	60-140	1
Chloroethane	ug/L	ND	20	20	20	24.1	23.5	121	118	60-140	3
Chloroform	ug/L	7.9	20	20	20	26.6	26.6	93	93	60-140	0
Chloromethane	ug/L	ND	20	20	20	19.8	20.4	99	102	60-140	3
cis-1,2-Dichloroethene	ug/L	ND	20	20	20	21.6	21.8	108	109	60-140	1
cis-1,3-Dichloropropene	ug/L	ND	20	20	20	21.2	22.5	106	113	60-140	6
Dibromochloromethane	ug/L	ND	20	20	20	22.4	21.8	112	109	60-140	2
Dibromomethane	ug/L	ND	20	20	20	20.7	21.2	104	106	60-140	2
Dichlorodifluoromethane	ug/L	ND	20	20	20	19.9	20.2	100	101	60-140	1
Diisopropyl ether	ug/L	ND	20	20	20	19.3	19.1	97	95	60-140	1
Ethylbenzene	ug/L	ND	20	20	20	21.3	20.9	106	105	60-140	2
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20	22.4	22.3	112	112	60-140	0
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20	22.5	22.0	112	110	60-140	2
m&p-Xylene	ug/L	ND	40	40	40	43.3	42.2	108	105	60-140	2
Methyl-tert-butyl ether	ug/L	ND	20	20	20	18.9	19.3	94	96	60-140	2
Methylene Chloride	ug/L	ND	20	20	20	20.0	20.0	100	100	60-140	0

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92531403

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221181 3221182											
Parameter	Units	92531403001		MS	MSD	MS		MSD	% Rec		Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
n-Butylbenzene	ug/L	ND	20	20	20	21.4	20.9	107	104	60-140	2
n-Propylbenzene	ug/L	ND	20	20	20	21.4	21.0	107	105	60-140	2
Naphthalene	ug/L	ND	20	20	20	20.1	20.2	101	101	60-140	0
o-Xylene	ug/L	ND	20	20	20	21.0	20.7	105	104	60-140	2
sec-Butylbenzene	ug/L	ND	20	20	20	21.8	21.2	109	106	60-140	3
Styrene	ug/L	ND	20	20	20	21.0	20.7	105	104	60-140	1
tert-Butylbenzene	ug/L	ND	20	20	20	18.9	18.3	94	91	60-140	3
Tetrachloroethene	ug/L	ND	20	20	20	21.9	21.0	109	105	60-140	4
Toluene	ug/L	ND	20	20	20	21.1	21.6	106	108	60-140	2
trans-1,2-Dichloroethene	ug/L	ND	20	20	20	22.0	22.2	110	111	60-140	1
trans-1,3-Dichloropropene	ug/L	ND	20	20	20	21.1	21.4	106	107	60-140	1
Trichloroethene	ug/L	ND	20	20	20	21.6	21.6	108	108	60-140	0
Trichlorofluoromethane	ug/L	ND	20	20	20	22.3	21.7	112	108	60-140	3
Vinyl chloride	ug/L	ND	20	20	20	20.9	20.8	104	104	60-140	0
1,2-Dichloroethane-d4 (S)	%							98	102	70-130	
4-Bromofluorobenzene (S)	%							100	101	70-130	
Toluene-d8 (S)	%							100	106	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92531403

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92531403

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531403001	13926B_HC_RD_20210406	MADEP VPH	612032		
92531403001	13926B_HC_RD_20210406	EPA 3010A	611882	EPA 6010D	611913
92531403001	13926B_HC_RD_20210406	SM 6200B	611970		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

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

der Number or

LA

92531403

Company: Apex Companies

Address: 13926 B Huntersville - Concord Rd

Report To: Andrew Street

Copy To: Andrew Street

Customer Project Name/Number: 2020-11-2448 Incident

Phone: 704-244-8100

Email: naomi.fritz@apex.com

Collected By (print): Naomi Fritz

Collected By (signature): Naomi Fritz

Sample Disposal: [] Same Day [] Next Day [] 2 Day [] 3 Day [] 4 Day [] 5 Day [] 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: 13926B-HL-202021046

Matrix: DW

Comp / Grab: G

Collected (or Composite Start) Date: 4-6-21 11:40

Composite End Date: 4-6-21 11:40

Res Cl: 8

Type of Ice Used: Wet

Packing Material Used:

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

Received by/Company: (Signature) Naomi Fritz - Apex

Date/Time: 4-6-21 1400

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

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

Billing Information:

Email To: Andrew Street

Site Collection Info/Address: 13926 B Huntersville - Concord Rd

State: NC County/City: Huntersville

Time Zone Collected: [] PT [] MT [] CT [] ET

Compliance Monitoring? [] Yes [] No

DW PWS ID #: DW Location Code: Immediately Packed on Ice: [] Yes [] No

Field Filtered (if applicable): [] Yes [] No

Analysis:

Analysis: VOCs 62008

Analysis: MADEP VPH

Analysis: Lead

Analysis: 92531403

Analysis: 001

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Analysis: 001

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Analysis: 001

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Email To: Andrew Street

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State: NC County/City: Huntersville

Time Zone Collected: [] PT [] MT [] CT [] ET

Compliance Monitoring? [] Yes [] No

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Billing Information:

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Site Collection Info/Address: 13926 B Huntersville - Concord Rd

State: NC County/City: Huntersville

Time Zone Collected: [] PT [] MT [] CT [] ET

Compliance Monitoring? [] Yes [] No

DW PWS ID #: DW Location Code: Immediately Packed on Ice: [] Yes [] No

Field Filtered (if applicable): [] Yes [] No

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Analysis: VOCs 62008

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Billing Information:

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Site Collection Info/Address: 13926 B Huntersville - Concord Rd

State: NC County/City: Huntersville

Time Zone Collected: [] PT [] MT [] CT [] ET

Compliance Monitoring? [] Yes [] No

DW PWS ID #: DW Location Code: Immediately Packed on Ice: [] Yes [] No

Field Filtered (if applicable): [] Yes [] No

Analysis:

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State: NC County/City: Huntersville

Time Zone Collected: [] PT [] MT [] CT [] ET

Compliance Monitoring? [] Yes [] No

DW PWS ID #: DW Location Code: Immediately Packed on Ice: [] Yes [] No

Field Filtered (if applicable): [] Yes [] No

Analysis:

Analysis: VOCs 62008

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Time Zone Collected: [] PT [] MT [] CT [] ET

Compliance Monitoring? [] Yes [] No

DW PWS ID #: DW Location Code: Immediately Packed on Ice: [] Yes [] No

Field Filtered (if applicable): [] Yes [] No

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Analysis: 001

Analysis: 001

Analysis: 001

Analysis: 001

Analysis: 001

Analysis: 001

Analysis: 001

Analysis: 001

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

Billing Information:

Email To: Andrew Street

Site Collection Info/Address: 13926 B Huntersville - Concord Rd

State: NC County/City: Huntersville

Time Zone Collected: [] PT [] MT [] CT [] ET

Compliance Monitoring? [] Yes [] No

DW PWS ID #: DW Location Code: Immediately Packed on Ice: [] Yes [] No

Field Filtered (if applicable): [] Yes [] No

Analysis:

Analysis: VOCs 62008

Analysis: MADEP VPH

Analysis: Lead

Analysis: 92531403

Analysis: 001

Analysis: 001

Analysis: 001

Analysis: 001



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

Project #

WO#: 92531403

PM: AMB

Due Date: 04/13/21

CLIENT: 92-APEX MOOR

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

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

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic 2N Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA 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																												
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 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.: 92532710

Dear Andrew Street:

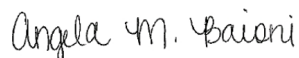
Enclosed are the analytical results for sample(s) received by the laboratory on April 13, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,



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

Enclosures

cc: J Culbreath, Colonial Pipeline Company
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

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CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92532710

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92532710

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92532710001	13926B_HC_RD_20210413	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

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92532710

Sample: 13926B_HC_RD_20210413		Lab ID: 92532710001		Collected: 04/13/21 10:38		Received: 04/13/21 11:30		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		04/13/21 22:07		N2
Aliphatic (C09-C12)		ND	ug/L	50.0	1		04/13/21 22:07		N2
Aliphatic(C09-C12) Adjusted		ND	ug/L	50.0	1		04/13/21 22:07		N2
Aromatic (C09-C10)		ND	ug/L	50.0	1		04/13/21 22:07		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)		100	%	70-130	1		04/13/21 22:07	460-00-4	
4-Bromofluorobenzene (PID) (S)		93	%	70-130	1		04/13/21 22:07	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A							
		Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/14/21 01:40	04/20/21 00:30	7439-92-1		
6200B MSV		Analytical Method: SM 6200B							
		Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/14/21 12:25	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/14/21 12:25	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/14/21 12:25	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/14/21 12:25	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/14/21 12:25	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/14/21 12:25	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/14/21 12:25	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/14/21 12:25	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/14/21 12:25	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/14/21 12:25	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/14/21 12:25	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/14/21 12:25	75-00-3		
Chloroform	8.5	ug/L	0.50	1		04/14/21 12:25	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/14/21 12:25	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/14/21 12:25	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/14/21 12:25	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/14/21 12:25	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/14/21 12:25	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/14/21 12:25	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/14/21 12:25	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/14/21 12:25	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/14/21 12:25	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/14/21 12:25	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/14/21 12:25	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/14/21 12:25	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/14/21 12:25	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/14/21 12:25	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/14/21 12:25	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/14/21 12:25	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/14/21 12:25	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/14/21 12:25	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/14/21 12:25	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92532710

Sample: 13926B_HC_RD_20210413		Lab ID: 92532710001		Collected: 04/13/21 10:38		Received: 04/13/21 11:30		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		04/14/21 12:25	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/14/21 12:25	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/14/21 12:25	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/14/21 12:25	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/14/21 12:25	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/14/21 12:25	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/14/21 12:25	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/14/21 12:25	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/14/21 12:25	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/14/21 12:25	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/14/21 12:25	103-65-1		
Styrene	ND	ug/L	0.50	1		04/14/21 12:25	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/14/21 12:25	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/14/21 12:25	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/14/21 12:25	127-18-4		
Toluene	ND	ug/L	0.50	1		04/14/21 12:25	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/14/21 12:25	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/14/21 12:25	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/14/21 12:25	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/14/21 12:25	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/14/21 12:25	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/14/21 12:25	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/14/21 12:25	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/14/21 12:25	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/14/21 12:25	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/14/21 12:25	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/14/21 12:25	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/14/21 12:25	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%	70-130	1		04/14/21 12:25	17060-07-0		
4-Bromofluorobenzene (S)	88	%	70-130	1		04/14/21 12:25	460-00-4		
Toluene-d8 (S)	100	%	70-130	1		04/14/21 12:25	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92532710

QC Batch: 613464

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92532710001

METHOD BLANK: 3228909

Matrix: Water

Associated Lab Samples: 92532710001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/13/21 15:55	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/13/21 15:55	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/13/21 15:55	N2
4-Bromofluorobenzene (FID) (S)	%	96	70-130	04/13/21 15:55	
4-Bromofluorobenzene (PID) (S)	%	90	70-130	04/13/21 15:55	

LABORATORY CONTROL SAMPLE & LCSD: 3228910

3228911

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	269	254	90	85	70-130	6	25	N2
Aliphatic (C09-C12)	ug/L	300	272	268	91	89	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	90.4	90.3	90	90	70-130	0	25	N2
4-Bromofluorobenzene (FID) (S)	%				97	95	70-130			
4-Bromofluorobenzene (PID) (S)	%				89	86	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92532710

QC Batch: 613519

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92532710001

METHOD BLANK: 3229153

Matrix: Water

Associated Lab Samples: 92532710001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/20/21 15:08	

LABORATORY CONTROL SAMPLE: 3229154

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	481	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3229155 3229156

Parameter	Units	92532925002 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	497	497	99	99	75-125	0	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92532710

QC Batch:	613444	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92532710001

METHOD BLANK: 3228705 Matrix: Water

Associated Lab Samples: 92532710001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1-Dichloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1-Dichloroethene	ug/L	ND	0.50	04/14/21 11:13	
1,1-Dichloropropene	ug/L	ND	0.50	04/14/21 11:13	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/14/21 11:13	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/14/21 11:13	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/14/21 11:13	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/14/21 11:13	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/14/21 11:13	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/14/21 11:13	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/14/21 11:13	
1,2-Dichloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,2-Dichloropropane	ug/L	ND	0.50	04/14/21 11:13	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/14/21 11:13	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/14/21 11:13	
1,3-Dichloropropane	ug/L	ND	0.50	04/14/21 11:13	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/14/21 11:13	
2,2-Dichloropropane	ug/L	ND	0.50	04/14/21 11:13	
2-Chlorotoluene	ug/L	ND	0.50	04/14/21 11:13	
4-Chlorotoluene	ug/L	ND	0.50	04/14/21 11:13	
Benzene	ug/L	ND	0.50	04/14/21 11:13	
Bromobenzene	ug/L	ND	0.50	04/14/21 11:13	
Bromochloromethane	ug/L	ND	0.50	04/14/21 11:13	
Bromodichloromethane	ug/L	ND	0.50	04/14/21 11:13	
Bromoform	ug/L	ND	0.50	04/14/21 11:13	
Bromomethane	ug/L	ND	5.0	04/14/21 11:13	
Carbon tetrachloride	ug/L	ND	0.50	04/14/21 11:13	
Chlorobenzene	ug/L	ND	0.50	04/14/21 11:13	
Chloroethane	ug/L	ND	1.0	04/14/21 11:13	
Chloroform	ug/L	ND	0.50	04/14/21 11:13	
Chloromethane	ug/L	ND	1.0	04/14/21 11:13	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/14/21 11:13	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/14/21 11:13	
Dibromochloromethane	ug/L	ND	0.50	04/14/21 11:13	
Dibromomethane	ug/L	ND	0.50	04/14/21 11:13	
Dichlorodifluoromethane	ug/L	ND	0.50	04/14/21 11:13	
Diisopropyl ether	ug/L	ND	0.50	04/14/21 11:13	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92532710

METHOD BLANK: 3228705

Matrix: Water

Associated Lab Samples: 92532710001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/14/21 11:13	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/14/21 11:13	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/14/21 11:13	
m&p-Xylene	ug/L	ND	1.0	04/14/21 11:13	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/14/21 11:13	
Methylene Chloride	ug/L	ND	2.0	04/14/21 11:13	
n-Butylbenzene	ug/L	ND	0.50	04/14/21 11:13	
n-Propylbenzene	ug/L	ND	0.50	04/14/21 11:13	
Naphthalene	ug/L	ND	2.0	04/14/21 11:13	
o-Xylene	ug/L	ND	0.50	04/14/21 11:13	
sec-Butylbenzene	ug/L	ND	0.50	04/14/21 11:13	
Styrene	ug/L	ND	0.50	04/14/21 11:13	
tert-Butylbenzene	ug/L	ND	0.50	04/14/21 11:13	
Tetrachloroethene	ug/L	ND	0.50	04/14/21 11:13	
Toluene	ug/L	ND	0.50	04/14/21 11:13	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/14/21 11:13	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/14/21 11:13	
Trichloroethene	ug/L	ND	0.50	04/14/21 11:13	
Trichlorofluoromethane	ug/L	ND	1.0	04/14/21 11:13	
Vinyl chloride	ug/L	ND	1.0	04/14/21 11:13	
1,2-Dichloroethane-d4 (S)	%	97	70-130	04/14/21 11:13	
4-Bromofluorobenzene (S)	%	92	70-130	04/14/21 11:13	
Toluene-d8 (S)	%	99	70-130	04/14/21 11:13	

LABORATORY CONTROL SAMPLE: 3228707

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.1	102	60-140	
1,1,1-Trichloroethane	ug/L	50	48.4	97	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	50.3	101	60-140	
1,1,2-Trichloroethane	ug/L	50	51.4	103	60-140	
1,1-Dichloroethane	ug/L	50	50.0	100	60-140	
1,1-Dichloroethene	ug/L	50	52.5	105	60-140	
1,1-Dichloropropene	ug/L	50	49.3	99	60-140	
1,2,3-Trichlorobenzene	ug/L	50	45.2	90	60-140	
1,2,3-Trichloropropane	ug/L	50	51.0	102	60-140	
1,2,4-Trichlorobenzene	ug/L	50	45.7	91	60-140	
1,2,4-Trimethylbenzene	ug/L	50	47.7	95	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.7	109	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.9	106	60-140	
1,2-Dichlorobenzene	ug/L	50	48.2	96	60-140	
1,2-Dichloroethane	ug/L	50	44.0	88	60-140	
1,2-Dichloropropane	ug/L	50	49.1	98	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.8	100	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92532710

LABORATORY CONTROL SAMPLE: 3228707

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	48.4	97	60-140	
1,3-Dichloropropane	ug/L	50	53.3	107	60-140	
1,4-Dichlorobenzene	ug/L	50	48.4	97	60-140	
2,2-Dichloropropane	ug/L	50	50.9	102	60-140	
2-Chlorotoluene	ug/L	50	51.7	103	60-140	
4-Chlorotoluene	ug/L	50	51.3	103	60-140	
Benzene	ug/L	50	48.1	96	60-140	
Bromobenzene	ug/L	50	54.3	109	60-140	
Bromochloromethane	ug/L	50	50.1	100	60-140	
Bromodichloromethane	ug/L	50	44.1	88	60-140	
Bromoform	ug/L	50	52.0	104	60-140	
Bromomethane	ug/L	50	45.4	91	60-140	
Carbon tetrachloride	ug/L	50	47.0	94	60-140	
Chlorobenzene	ug/L	50	50.6	101	60-140	
Chloroethane	ug/L	50	39.1	78	60-140	
Chloroform	ug/L	50	41.8	84	60-140	
Chloromethane	ug/L	50	37.8	76	60-140	
cis-1,2-Dichloroethene	ug/L	50	47.9	96	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.2	98	60-140	
Dibromochloromethane	ug/L	50	56.4	113	60-140	
Dibromomethane	ug/L	50	50.3	101	60-140	
Dichlorodifluoromethane	ug/L	50	37.2	74	60-140	
Diisopropyl ether	ug/L	50	46.0	92	60-140	
Ethylbenzene	ug/L	50	48.3	97	60-140	
Hexachloro-1,3-butadiene	ug/L	50	44.3	89	60-140	
Isopropylbenzene (Cumene)	ug/L	50	46.8	94	60-140	
m&p-Xylene	ug/L	100	97.1	97	60-140	
Methyl-tert-butyl ether	ug/L	50	46.5	93	60-140	
Methylene Chloride	ug/L	50	44.7	89	60-140	
n-Butylbenzene	ug/L	50	45.7	91	60-140	
n-Propylbenzene	ug/L	50	50.4	101	60-140	
Naphthalene	ug/L	50	46.3	93	60-140	
o-Xylene	ug/L	50	46.9	94	60-140	
sec-Butylbenzene	ug/L	50	46.5	93	60-140	
Styrene	ug/L	50	49.6	99	60-140	
tert-Butylbenzene	ug/L	50	40.5	81	60-140	
Tetrachloroethene	ug/L	50	49.5	99	60-140	
Toluene	ug/L	50	49.5	99	60-140	
trans-1,2-Dichloroethene	ug/L	50	48.8	98	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.6	105	60-140	
Trichloroethene	ug/L	50	48.9	98	60-140	
Trichlorofluoromethane	ug/L	50	44.6	89	60-140	
Vinyl chloride	ug/L	50	39.6	79	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			96	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92532710

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3228708				3228709								
Parameter	92532608001		MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.								
1,1,1,2-Tetrachloroethane	ug/L	ND	2500	2500	2580	2530	103	101	60-140	2		
1,1,1-Trichloroethane	ug/L	ND	2500	2500	2570	2650	103	106	60-140	3		
1,1,2,2-Tetrachloroethane	ug/L	ND	2500	2500	2710	2480	109	99	60-140	9		
1,1,2-Trichloroethane	ug/L	ND	2500	2500	2430	2480	97	99	60-140	2		
1,1-Dichloroethane	ug/L	ND	2500	2500	2680	2670	107	107	60-140	0		
1,1-Dichloroethene	ug/L	ND	2500	2500	2930	2800	117	112	60-140	5		
1,1-Dichloropropene	ug/L	ND	2500	2500	2650	2640	106	105	60-140	1		
1,2,3-Trichlorobenzene	ug/L	ND	2500	2500	1990	2140	80	86	60-140	7		
1,2,3-Trichloropropane	ug/L	ND	2500	2500	2720	2520	109	101	60-140	7		
1,2,4-Trichlorobenzene	ug/L	ND	2500	2500	2060	2150	82	86	60-140	4		
1,2,4-Trimethylbenzene	ug/L	1190	2500	2500	3660	3610	99	97	60-140	1		
1,2-Dibromo-3-chloropropane	ug/L	ND	2500	2500	2560	2530	102	101	60-140	1		
1,2-Dibromoethane (EDB)	ug/L	ND	2500	2500	2730	2670	109	107	60-140	2		
1,2-Dichlorobenzene	ug/L	ND	2500	2500	2370	2360	95	95	60-140	0		
1,2-Dichloroethane	ug/L	ND	2500	2500	2270	2260	91	90	60-140	0		
1,2-Dichloropropane	ug/L	ND	2500	2500	2630	2540	105	102	60-140	3		
1,3,5-Trimethylbenzene	ug/L	441	2500	2500	3080	2860	105	97	60-140	7		
1,3-Dichlorobenzene	ug/L	ND	2500	2500	2360	2360	94	94	60-140	0		
1,3-Dichloropropane	ug/L	ND	2500	2500	2790	2670	112	107	60-140	4		
1,4-Dichlorobenzene	ug/L	ND	2500	2500	2380	2380	95	95	60-140	0		
2,2-Dichloropropane	ug/L	ND	2500	2500	2390	2410	96	96	60-140	1		
2-Chlorotoluene	ug/L	ND	2500	2500	2680	2450	107	98	60-140	9		
4-Chlorotoluene	ug/L	ND	2500	2500	2430	2420	97	97	60-140	1		
Benzene	ug/L	945	2500	2500	3560	3540	105	104	60-140	1		
Bromobenzene	ug/L	ND	2500	2500	2650	2640	106	106	60-140	0		
Bromochloromethane	ug/L	ND	2500	2500	2540	2570	102	103	60-140	1		
Bromodichloromethane	ug/L	ND	2500	2500	2380	2270	95	91	60-140	5		
Bromoform	ug/L	ND	2500	2500	2490	2470	100	99	60-140	1		
Bromomethane	ug/L	ND	2500	2500	2640	2700	106	108	60-140	2		
Carbon tetrachloride	ug/L	ND	2500	2500	2500	2500	100	100	60-140	0		
Chlorobenzene	ug/L	ND	2500	2500	2620	2600	105	104	60-140	1		
Chloroethane	ug/L	ND	2500	2500	2730	2640	109	106	60-140	3		
Chloroform	ug/L	ND	2500	2500	2220	2230	89	89	60-140	1		
Chloromethane	ug/L	ND	2500	2500	2030	2040	81	81	60-140	0		
cis-1,2-Dichloroethene	ug/L	ND	2500	2500	2530	2540	101	102	60-140	0		
cis-1,3-Dichloropropene	ug/L	ND	2500	2500	2450	2430	98	97	60-140	1		
Dibromochloromethane	ug/L	ND	2500	2500	2810	2730	112	109	60-140	3		
Dibromomethane	ug/L	ND	2500	2500	2580	2600	103	104	60-140	1		
Dichlorodifluoromethane	ug/L	ND	2500	2500	2070	2030	83	81	60-140	2		
Diisopropyl ether	ug/L	315	2500	2500	2700	2710	95	96	60-140	0		
Ethylbenzene	ug/L	449	2500	2500	3010	2930	103	99	60-140	3		
Hexachloro-1,3-butadiene	ug/L	ND	2500	2500	2130	2190	85	87	60-140	3		
Isopropylbenzene (Cumene)	ug/L	ND	2500	2500	2450	2430	98	97	60-140	1		
m&p-Xylene	ug/L	2790	5000	5000	8050	7750	105	99	60-140	4		
Methyl-tert-butyl ether	ug/L	18700	2500	2500	21000	20700	92	80	60-140	2		
Methylene Chloride	ug/L	ND	2500	2500	2480	2490	94	95	60-140	0		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92532710

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3228708 3228709											
Parameter	Units	92532608001		MS	MSD	MS		MS	MSD	% Rec	Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
n-Butylbenzene	ug/L	ND	2500	2500	2500	2270	2260	91	90	60-140	0
n-Propylbenzene	ug/L	ND	2500	2500	2500	2450	2470	98	99	60-140	0
Naphthalene	ug/L	96.2J	2500	2500	2500	2200	2230	84	86	60-140	2
o-Xylene	ug/L	1380	2500	2500	2500	4030	3800	106	97	60-140	6
sec-Butylbenzene	ug/L	ND	2500	2500	2500	2410	2390	96	96	60-140	1
Styrene	ug/L	ND	2500	2500	2500	2470	2440	99	97	60-140	1
tert-Butylbenzene	ug/L	ND	2500	2500	2500	2080	2090	83	84	60-140	0
Tetrachloroethene	ug/L	ND	2500	2500	2500	2620	2580	105	103	60-140	1
Toluene	ug/L	3100	2500	2500	2500	5610	5500	101	96	60-140	2
trans-1,2-Dichloroethene	ug/L	ND	2500	2500	2500	2630	2620	105	105	60-140	0
trans-1,3-Dichloropropene	ug/L	ND	2500	2500	2500	2390	2400	96	96	60-140	1
Trichloroethene	ug/L	ND	2500	2500	2500	2590	2580	104	103	60-140	1
Trichlorofluoromethane	ug/L	ND	2500	2500	2500	2840	2820	114	113	60-140	1
Vinyl chloride	ug/L	ND	2500	2500	2500	2340	2160	93	86	60-140	8
1,2-Dichloroethane-d4 (S)	%							100	97	70-130	
4-Bromofluorobenzene (S)	%							96	97	70-130	
Toluene-d8 (S)	%							96	96	70-130	

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QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92532710

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92532710

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92532710001	13926B_HC_RD_20210413	MADEP VPH	613464		
92532710001	13926B_HC_RD_20210413	EPA 3010A	613519	EPA 6010D	613537
92532710001	13926B_HC_RD_20210413	SM 6200B	613444		

REPORT OF LABORATORY ANALYSIS

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1. Complete all client information at the top left of the sheet: Company name, address, phone/fax, contact (the person to contact if there are questions, and who will receive the final report), e-mail address (if available), PO#, Project Name and/or Project Number as you would like it to appear on the report.
2. Billing Information: name and address of the person who is receiving the invoice
3. Site Collection Information: A separate COC must be filled out for each day of sample collection.
Record the 2 letter postal code for the US state where samples were collected as well as the county/city and time zone.
4. Regulatory Agency: List the program that is guiding the work to ensure proper regulations are followed in the customer remarks section.
5. Quote #: should be completed if a quote was provided by Pace Analytical.
6. Mark if the sample was filtered in the field by marking Y or N in the "Field Filtered" box.
7. The sampler should print and sign their name in the spaces provided.
8. Complete a sample description in the CUSTOMER SAMPLE ID section as you would like it to appear on the laboratory report. Include: sample matrix, sample type (G (grab) or C (composite)). When collecting a composite, the start time and end time should be documented in the respective boxes. Also record the sample temp at collection (if required by state), the total number of containers, and preservative used.
9. Requested Analysis: List required analysis and methods on the lines provided and place a check mark in the column for the samples requiring the analysis. Additional comments should be referenced in the Customer Remarks section or included in attachments for extended lists of parameters.
10. Relinquishing custody of the samples: sign relinquished by, date and time, and include you affiliation

Standard Turnaround Time is 2 Weeks/10 business days. Results will be delivered by end of business on the date due unless other arrangements have been made with your project manager.

Special Project Requirements such as Low Level Detection or level of QC reported must be included on the chain of custody in the Customer Remarks box.

*If you have additional questions about how to complete the Chain of Custody (COC) please contact a
Pace Project Manager*

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[illegible]

April 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.: 92532713

Dear Andrew Street:

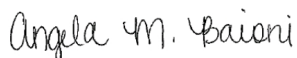
Enclosed are the analytical results for sample(s) received by the laboratory on April 13, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,



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

Enclosures

cc: J Culbreath, Colonial Pipeline Company
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

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92532713

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92532713

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92532713001	13926A_HC_RD_20210413	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

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92532713

Sample: 13926A_HC_RD_20210413		Lab ID: 92532713001		Collected: 04/13/21 11:02		Received: 04/13/21 11:30		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		04/13/21 22:35		N2
Aliphatic (C09-C12)		ND	ug/L	50.0	1		04/13/21 22:35		N2
Aliphatic(C09-C12) Adjusted		ND	ug/L	50.0	1		04/13/21 22:35		N2
Aromatic (C09-C10)		ND	ug/L	50.0	1		04/13/21 22:35		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)		97	%	70-130	1		04/13/21 22:35	460-00-4	
4-Bromofluorobenzene (PID) (S)		90	%	70-130	1		04/13/21 22:35	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A							
		Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/14/21 01:40	04/20/21 00:34	7439-92-1		
6200B MSV		Analytical Method: SM 6200B							
		Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/14/21 12:43	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/14/21 12:43	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/14/21 12:43	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/14/21 12:43	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/14/21 12:43	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/14/21 12:43	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/14/21 12:43	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/14/21 12:43	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/14/21 12:43	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/14/21 12:43	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/14/21 12:43	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/14/21 12:43	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/14/21 12:43	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/14/21 12:43	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/14/21 12:43	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/14/21 12:43	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/14/21 12:43	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/14/21 12:43	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/14/21 12:43	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/14/21 12:43	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/14/21 12:43	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/14/21 12:43	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/14/21 12:43	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/14/21 12:43	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/14/21 12:43	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/14/21 12:43	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/14/21 12:43	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/14/21 12:43	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/14/21 12:43	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/14/21 12:43	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/14/21 12:43	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/14/21 12:43	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92532713

Sample: 13926A_HC_RD_20210413		Lab ID: 92532713001		Collected: 04/13/21 11:02		Received: 04/13/21 11:30		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		04/14/21 12:43	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/14/21 12:43	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/14/21 12:43	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/14/21 12:43	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/14/21 12:43	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/14/21 12:43	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/14/21 12:43	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/14/21 12:43	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/14/21 12:43	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/14/21 12:43	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/14/21 12:43	103-65-1		
Styrene	ND	ug/L	0.50	1		04/14/21 12:43	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/14/21 12:43	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/14/21 12:43	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/14/21 12:43	127-18-4		
Toluene	ND	ug/L	0.50	1		04/14/21 12:43	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/14/21 12:43	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/14/21 12:43	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/14/21 12:43	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/14/21 12:43	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/14/21 12:43	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/14/21 12:43	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/14/21 12:43	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/14/21 12:43	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/14/21 12:43	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/14/21 12:43	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/14/21 12:43	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/14/21 12:43	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%	70-130	1		04/14/21 12:43	17060-07-0		
4-Bromofluorobenzene (S)	86	%	70-130	1		04/14/21 12:43	460-00-4		
Toluene-d8 (S)	99	%	70-130	1		04/14/21 12:43	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92532713

QC Batch: 613464

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92532713001

METHOD BLANK: 3228909

Matrix: Water

Associated Lab Samples: 92532713001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/13/21 15:55	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/13/21 15:55	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/13/21 15:55	N2
4-Bromofluorobenzene (FID) (S)	%	96	70-130	04/13/21 15:55	
4-Bromofluorobenzene (PID) (S)	%	90	70-130	04/13/21 15:55	

LABORATORY CONTROL SAMPLE & LCSD: 3228910

3228911

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	269	254	90	85	70-130	6	25	N2
Aliphatic (C09-C12)	ug/L	300	272	268	91	89	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	90.4	90.3	90	90	70-130	0	25	N2
4-Bromofluorobenzene (FID) (S)	%				97	95	70-130			
4-Bromofluorobenzene (PID) (S)	%				89	86	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92532713

QC Batch: 613519

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92532713001

METHOD BLANK: 3229153

Matrix: Water

Associated Lab Samples: 92532713001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/20/21 15:08	

LABORATORY CONTROL SAMPLE: 3229154

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	481	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3229155 3229156

Parameter	Units	92532925002 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	497	497	99	99	75-125	0	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92532713

QC Batch: 613444	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92532713001

METHOD BLANK: 3228705 Matrix: Water

Associated Lab Samples: 92532713001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1-Dichloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1-Dichloroethene	ug/L	ND	0.50	04/14/21 11:13	
1,1-Dichloropropene	ug/L	ND	0.50	04/14/21 11:13	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/14/21 11:13	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/14/21 11:13	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/14/21 11:13	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/14/21 11:13	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/14/21 11:13	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/14/21 11:13	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/14/21 11:13	
1,2-Dichloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,2-Dichloropropane	ug/L	ND	0.50	04/14/21 11:13	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/14/21 11:13	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/14/21 11:13	
1,3-Dichloropropane	ug/L	ND	0.50	04/14/21 11:13	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/14/21 11:13	
2,2-Dichloropropane	ug/L	ND	0.50	04/14/21 11:13	
2-Chlorotoluene	ug/L	ND	0.50	04/14/21 11:13	
4-Chlorotoluene	ug/L	ND	0.50	04/14/21 11:13	
Benzene	ug/L	ND	0.50	04/14/21 11:13	
Bromobenzene	ug/L	ND	0.50	04/14/21 11:13	
Bromochloromethane	ug/L	ND	0.50	04/14/21 11:13	
Bromodichloromethane	ug/L	ND	0.50	04/14/21 11:13	
Bromoform	ug/L	ND	0.50	04/14/21 11:13	
Bromomethane	ug/L	ND	5.0	04/14/21 11:13	
Carbon tetrachloride	ug/L	ND	0.50	04/14/21 11:13	
Chlorobenzene	ug/L	ND	0.50	04/14/21 11:13	
Chloroethane	ug/L	ND	1.0	04/14/21 11:13	
Chloroform	ug/L	ND	0.50	04/14/21 11:13	
Chloromethane	ug/L	ND	1.0	04/14/21 11:13	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/14/21 11:13	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/14/21 11:13	
Dibromochloromethane	ug/L	ND	0.50	04/14/21 11:13	
Dibromomethane	ug/L	ND	0.50	04/14/21 11:13	
Dichlorodifluoromethane	ug/L	ND	0.50	04/14/21 11:13	
Diisopropyl ether	ug/L	ND	0.50	04/14/21 11:13	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92532713

METHOD BLANK: 3228705

Matrix: Water

Associated Lab Samples: 92532713001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/14/21 11:13	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/14/21 11:13	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/14/21 11:13	
m&p-Xylene	ug/L	ND	1.0	04/14/21 11:13	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/14/21 11:13	
Methylene Chloride	ug/L	ND	2.0	04/14/21 11:13	
n-Butylbenzene	ug/L	ND	0.50	04/14/21 11:13	
n-Propylbenzene	ug/L	ND	0.50	04/14/21 11:13	
Naphthalene	ug/L	ND	2.0	04/14/21 11:13	
o-Xylene	ug/L	ND	0.50	04/14/21 11:13	
sec-Butylbenzene	ug/L	ND	0.50	04/14/21 11:13	
Styrene	ug/L	ND	0.50	04/14/21 11:13	
tert-Butylbenzene	ug/L	ND	0.50	04/14/21 11:13	
Tetrachloroethene	ug/L	ND	0.50	04/14/21 11:13	
Toluene	ug/L	ND	0.50	04/14/21 11:13	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/14/21 11:13	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/14/21 11:13	
Trichloroethene	ug/L	ND	0.50	04/14/21 11:13	
Trichlorofluoromethane	ug/L	ND	1.0	04/14/21 11:13	
Vinyl chloride	ug/L	ND	1.0	04/14/21 11:13	
1,2-Dichloroethane-d4 (S)	%	97	70-130	04/14/21 11:13	
4-Bromofluorobenzene (S)	%	92	70-130	04/14/21 11:13	
Toluene-d8 (S)	%	99	70-130	04/14/21 11:13	

LABORATORY CONTROL SAMPLE: 3228707

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.1	102	60-140	
1,1,1-Trichloroethane	ug/L	50	48.4	97	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	50.3	101	60-140	
1,1,2-Trichloroethane	ug/L	50	51.4	103	60-140	
1,1-Dichloroethane	ug/L	50	50.0	100	60-140	
1,1-Dichloroethene	ug/L	50	52.5	105	60-140	
1,1-Dichloropropene	ug/L	50	49.3	99	60-140	
1,2,3-Trichlorobenzene	ug/L	50	45.2	90	60-140	
1,2,3-Trichloropropane	ug/L	50	51.0	102	60-140	
1,2,4-Trichlorobenzene	ug/L	50	45.7	91	60-140	
1,2,4-Trimethylbenzene	ug/L	50	47.7	95	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.7	109	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.9	106	60-140	
1,2-Dichlorobenzene	ug/L	50	48.2	96	60-140	
1,2-Dichloroethane	ug/L	50	44.0	88	60-140	
1,2-Dichloropropane	ug/L	50	49.1	98	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.8	100	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92532713

LABORATORY CONTROL SAMPLE: 3228707

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	48.4	97	60-140	
1,3-Dichloropropane	ug/L	50	53.3	107	60-140	
1,4-Dichlorobenzene	ug/L	50	48.4	97	60-140	
2,2-Dichloropropane	ug/L	50	50.9	102	60-140	
2-Chlorotoluene	ug/L	50	51.7	103	60-140	
4-Chlorotoluene	ug/L	50	51.3	103	60-140	
Benzene	ug/L	50	48.1	96	60-140	
Bromobenzene	ug/L	50	54.3	109	60-140	
Bromochloromethane	ug/L	50	50.1	100	60-140	
Bromodichloromethane	ug/L	50	44.1	88	60-140	
Bromoform	ug/L	50	52.0	104	60-140	
Bromomethane	ug/L	50	45.4	91	60-140	
Carbon tetrachloride	ug/L	50	47.0	94	60-140	
Chlorobenzene	ug/L	50	50.6	101	60-140	
Chloroethane	ug/L	50	39.1	78	60-140	
Chloroform	ug/L	50	41.8	84	60-140	
Chloromethane	ug/L	50	37.8	76	60-140	
cis-1,2-Dichloroethene	ug/L	50	47.9	96	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.2	98	60-140	
Dibromochloromethane	ug/L	50	56.4	113	60-140	
Dibromomethane	ug/L	50	50.3	101	60-140	
Dichlorodifluoromethane	ug/L	50	37.2	74	60-140	
Diisopropyl ether	ug/L	50	46.0	92	60-140	
Ethylbenzene	ug/L	50	48.3	97	60-140	
Hexachloro-1,3-butadiene	ug/L	50	44.3	89	60-140	
Isopropylbenzene (Cumene)	ug/L	50	46.8	94	60-140	
m&p-Xylene	ug/L	100	97.1	97	60-140	
Methyl-tert-butyl ether	ug/L	50	46.5	93	60-140	
Methylene Chloride	ug/L	50	44.7	89	60-140	
n-Butylbenzene	ug/L	50	45.7	91	60-140	
n-Propylbenzene	ug/L	50	50.4	101	60-140	
Naphthalene	ug/L	50	46.3	93	60-140	
o-Xylene	ug/L	50	46.9	94	60-140	
sec-Butylbenzene	ug/L	50	46.5	93	60-140	
Styrene	ug/L	50	49.6	99	60-140	
tert-Butylbenzene	ug/L	50	40.5	81	60-140	
Tetrachloroethene	ug/L	50	49.5	99	60-140	
Toluene	ug/L	50	49.5	99	60-140	
trans-1,2-Dichloroethene	ug/L	50	48.8	98	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.6	105	60-140	
Trichloroethene	ug/L	50	48.9	98	60-140	
Trichlorofluoromethane	ug/L	50	44.6	89	60-140	
Vinyl chloride	ug/L	50	39.6	79	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			96	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92532713

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3228708			3228709									
Parameter	92532608001		MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Qual
	Units	Result	Spike	Spike								
1,1,1,2-Tetrachloroethane	ug/L	ND	2500	2500	2580	2530	103	101	60-140	2		
1,1,1-Trichloroethane	ug/L	ND	2500	2500	2570	2650	103	106	60-140	3		
1,1,2,2-Tetrachloroethane	ug/L	ND	2500	2500	2710	2480	109	99	60-140	9		
1,1,2-Trichloroethane	ug/L	ND	2500	2500	2430	2480	97	99	60-140	2		
1,1-Dichloroethane	ug/L	ND	2500	2500	2680	2670	107	107	60-140	0		
1,1-Dichloroethene	ug/L	ND	2500	2500	2930	2800	117	112	60-140	5		
1,1-Dichloropropene	ug/L	ND	2500	2500	2650	2640	106	105	60-140	1		
1,2,3-Trichlorobenzene	ug/L	ND	2500	2500	1990	2140	80	86	60-140	7		
1,2,3-Trichloropropane	ug/L	ND	2500	2500	2720	2520	109	101	60-140	7		
1,2,4-Trichlorobenzene	ug/L	ND	2500	2500	2060	2150	82	86	60-140	4		
1,2,4-Trimethylbenzene	ug/L	1190	2500	2500	3660	3610	99	97	60-140	1		
1,2-Dibromo-3-chloropropane	ug/L	ND	2500	2500	2560	2530	102	101	60-140	1		
1,2-Dibromoethane (EDB)	ug/L	ND	2500	2500	2730	2670	109	107	60-140	2		
1,2-Dichlorobenzene	ug/L	ND	2500	2500	2370	2360	95	95	60-140	0		
1,2-Dichloroethane	ug/L	ND	2500	2500	2270	2260	91	90	60-140	0		
1,2-Dichloropropane	ug/L	ND	2500	2500	2630	2540	105	102	60-140	3		
1,3,5-Trimethylbenzene	ug/L	441	2500	2500	3080	2860	105	97	60-140	7		
1,3-Dichlorobenzene	ug/L	ND	2500	2500	2360	2360	94	94	60-140	0		
1,3-Dichloropropane	ug/L	ND	2500	2500	2790	2670	112	107	60-140	4		
1,4-Dichlorobenzene	ug/L	ND	2500	2500	2380	2380	95	95	60-140	0		
2,2-Dichloropropane	ug/L	ND	2500	2500	2390	2410	96	96	60-140	1		
2-Chlorotoluene	ug/L	ND	2500	2500	2680	2450	107	98	60-140	9		
4-Chlorotoluene	ug/L	ND	2500	2500	2430	2420	97	97	60-140	1		
Benzene	ug/L	945	2500	2500	3560	3540	105	104	60-140	1		
Bromobenzene	ug/L	ND	2500	2500	2650	2640	106	106	60-140	0		
Bromochloromethane	ug/L	ND	2500	2500	2540	2570	102	103	60-140	1		
Bromodichloromethane	ug/L	ND	2500	2500	2380	2270	95	91	60-140	5		
Bromoform	ug/L	ND	2500	2500	2490	2470	100	99	60-140	1		
Bromomethane	ug/L	ND	2500	2500	2640	2700	106	108	60-140	2		
Carbon tetrachloride	ug/L	ND	2500	2500	2500	2500	100	100	60-140	0		
Chlorobenzene	ug/L	ND	2500	2500	2620	2600	105	104	60-140	1		
Chloroethane	ug/L	ND	2500	2500	2730	2640	109	106	60-140	3		
Chloroform	ug/L	ND	2500	2500	2220	2230	89	89	60-140	1		
Chloromethane	ug/L	ND	2500	2500	2030	2040	81	81	60-140	0		
cis-1,2-Dichloroethene	ug/L	ND	2500	2500	2530	2540	101	102	60-140	0		
cis-1,3-Dichloropropene	ug/L	ND	2500	2500	2450	2430	98	97	60-140	1		
Dibromochloromethane	ug/L	ND	2500	2500	2810	2730	112	109	60-140	3		
Dibromomethane	ug/L	ND	2500	2500	2580	2600	103	104	60-140	1		
Dichlorodifluoromethane	ug/L	ND	2500	2500	2070	2030	83	81	60-140	2		
Diisopropyl ether	ug/L	315	2500	2500	2700	2710	95	96	60-140	0		
Ethylbenzene	ug/L	449	2500	2500	3010	2930	103	99	60-140	3		
Hexachloro-1,3-butadiene	ug/L	ND	2500	2500	2130	2190	85	87	60-140	3		
Isopropylbenzene (Cumene)	ug/L	ND	2500	2500	2450	2430	98	97	60-140	1		
m&p-Xylene	ug/L	2790	5000	5000	8050	7750	105	99	60-140	4		
Methyl-tert-butyl ether	ug/L	18700	2500	2500	21000	20700	92	80	60-140	2		
Methylene Chloride	ug/L	ND	2500	2500	2480	2490	94	95	60-140	0		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92532713

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3228708 3228709											
Parameter	Units	92532608001		MS	MSD	MS	MSD	MS	MSD	% Rec	RPD
		Result	Conc.	Spike	Spike						Qual
n-Butylbenzene	ug/L	ND	2500	2500	2500	2270	2260	91	90	60-140	0
n-Propylbenzene	ug/L	ND	2500	2500	2500	2450	2470	98	99	60-140	0
Naphthalene	ug/L	96.2J	2500	2500	2500	2200	2230	84	86	60-140	2
o-Xylene	ug/L	1380	2500	2500	2500	4030	3800	106	97	60-140	6
sec-Butylbenzene	ug/L	ND	2500	2500	2500	2410	2390	96	96	60-140	1
Styrene	ug/L	ND	2500	2500	2500	2470	2440	99	97	60-140	1
tert-Butylbenzene	ug/L	ND	2500	2500	2500	2080	2090	83	84	60-140	0
Tetrachloroethene	ug/L	ND	2500	2500	2500	2620	2580	105	103	60-140	1
Toluene	ug/L	3100	2500	2500	2500	5610	5500	101	96	60-140	2
trans-1,2-Dichloroethene	ug/L	ND	2500	2500	2500	2630	2620	105	105	60-140	0
trans-1,3-Dichloropropene	ug/L	ND	2500	2500	2500	2390	2400	96	96	60-140	1
Trichloroethene	ug/L	ND	2500	2500	2500	2590	2580	104	103	60-140	1
Trichlorofluoromethane	ug/L	ND	2500	2500	2500	2840	2820	114	113	60-140	1
Vinyl chloride	ug/L	ND	2500	2500	2500	2340	2160	93	86	60-140	8
1,2-Dichloroethane-d4 (S)	%							100	97	70-130	
4-Bromofluorobenzene (S)	%							96	97	70-130	
Toluene-d8 (S)	%							96	96	70-130	

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92532713

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92532713

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92532713001	13926A_HC_RD_20210413	MADEP VPH	613464		
92532713001	13926A_HC_RD_20210413	EPA 3010A	613519	EPA 6010D	613537
92532713001	13926A_HC_RD_20210413	SM 6200B	613444		

REPORT OF LABORATORY ANALYSIS

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ONLY

[illegible]

April 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.: 92532714

Dear Andrew Street:

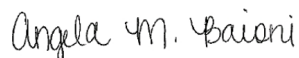
Enclosed are the analytical results for sample(s) received by the laboratory on April 13, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,



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

Enclosures

cc: J Culbreath, Colonial Pipeline Company
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

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92532714

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92532714

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92532714001	13835_AC_RD_20210413	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

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92532714

Sample: 13835_AC_RD_20210413		Lab ID: 92532714001		Collected: 04/13/21 09:30		Received: 04/13/21 11:30		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		04/13/21 23:04		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/13/21 23:04		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/13/21 23:04		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/13/21 23:04		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130	1		04/13/21 23:04	460-00-4		
4-Bromofluorobenzene (PID) (S)	93	%	70-130	1		04/13/21 23:04	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/14/21 01:40	04/20/21 00:37	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/14/21 13:01	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/14/21 13:01	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/14/21 13:01	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/14/21 13:01	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/14/21 13:01	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/14/21 13:01	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/14/21 13:01	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/14/21 13:01	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/14/21 13:01	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/14/21 13:01	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/14/21 13:01	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/14/21 13:01	75-00-3		
Chloroform	0.65	ug/L	0.50	1		04/14/21 13:01	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/14/21 13:01	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/14/21 13:01	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/14/21 13:01	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/14/21 13:01	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/14/21 13:01	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/14/21 13:01	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/14/21 13:01	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/14/21 13:01	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/14/21 13:01	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/14/21 13:01	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/14/21 13:01	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/14/21 13:01	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/14/21 13:01	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/14/21 13:01	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/14/21 13:01	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/14/21 13:01	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/14/21 13:01	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/14/21 13:01	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/14/21 13:01	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92532714

Sample: 13835_AC_RD_20210413		Lab ID: 92532714001		Collected: 04/13/21 09:30		Received: 04/13/21 11:30		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		04/14/21 13:01	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/14/21 13:01	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/14/21 13:01	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/14/21 13:01	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/14/21 13:01	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/14/21 13:01	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/14/21 13:01	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/14/21 13:01	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/14/21 13:01	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/14/21 13:01	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/14/21 13:01	103-65-1		
Styrene	ND	ug/L	0.50	1		04/14/21 13:01	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/14/21 13:01	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/14/21 13:01	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/14/21 13:01	127-18-4		
Toluene	ND	ug/L	0.50	1		04/14/21 13:01	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/14/21 13:01	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/14/21 13:01	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/14/21 13:01	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/14/21 13:01	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/14/21 13:01	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/14/21 13:01	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/14/21 13:01	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/14/21 13:01	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/14/21 13:01	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/14/21 13:01	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/14/21 13:01	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/14/21 13:01	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%	70-130	1		04/14/21 13:01	17060-07-0		
4-Bromofluorobenzene (S)	91	%	70-130	1		04/14/21 13:01	460-00-4		
Toluene-d8 (S)	98	%	70-130	1		04/14/21 13:01	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92532714

QC Batch: 613464	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92532714001

METHOD BLANK: 3228909 Matrix: Water

Associated Lab Samples: 92532714001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/13/21 15:55	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/13/21 15:55	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/13/21 15:55	N2
4-Bromofluorobenzene (FID) (S)	%	96	70-130	04/13/21 15:55	
4-Bromofluorobenzene (PID) (S)	%	90	70-130	04/13/21 15:55	

LABORATORY CONTROL SAMPLE & LCSD: 3228910

LABORATORY CONTROL SAMPLE & LCSD: 3228910			3228911							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	269	254	90	85	70-130	6	25	N2
Aliphatic (C09-C12)	ug/L	300	272	268	91	89	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	90.4	90.3	90	90	70-130	0	25	N2
4-Bromofluorobenzene (FID) (S)	%				97	95	70-130			
4-Bromofluorobenzene (PID) (S)	%				89	86	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92532714

QC Batch: 613519

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92532714001

METHOD BLANK: 3229153

Matrix: Water

Associated Lab Samples: 92532714001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/20/21 15:08	

LABORATORY CONTROL SAMPLE: 3229154

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	481	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3229155 3229156

Parameter	Units	92532925002 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	497	497	99	99	75-125	0	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92532714

QC Batch: 613444	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92532714001

METHOD BLANK: 3228705 Matrix: Water

Associated Lab Samples: 92532714001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1-Dichloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1-Dichloroethene	ug/L	ND	0.50	04/14/21 11:13	
1,1-Dichloropropene	ug/L	ND	0.50	04/14/21 11:13	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/14/21 11:13	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/14/21 11:13	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/14/21 11:13	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/14/21 11:13	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/14/21 11:13	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/14/21 11:13	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/14/21 11:13	
1,2-Dichloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,2-Dichloropropane	ug/L	ND	0.50	04/14/21 11:13	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/14/21 11:13	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/14/21 11:13	
1,3-Dichloropropane	ug/L	ND	0.50	04/14/21 11:13	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/14/21 11:13	
2,2-Dichloropropane	ug/L	ND	0.50	04/14/21 11:13	
2-Chlorotoluene	ug/L	ND	0.50	04/14/21 11:13	
4-Chlorotoluene	ug/L	ND	0.50	04/14/21 11:13	
Benzene	ug/L	ND	0.50	04/14/21 11:13	
Bromobenzene	ug/L	ND	0.50	04/14/21 11:13	
Bromochloromethane	ug/L	ND	0.50	04/14/21 11:13	
Bromodichloromethane	ug/L	ND	0.50	04/14/21 11:13	
Bromoform	ug/L	ND	0.50	04/14/21 11:13	
Bromomethane	ug/L	ND	5.0	04/14/21 11:13	
Carbon tetrachloride	ug/L	ND	0.50	04/14/21 11:13	
Chlorobenzene	ug/L	ND	0.50	04/14/21 11:13	
Chloroethane	ug/L	ND	1.0	04/14/21 11:13	
Chloroform	ug/L	ND	0.50	04/14/21 11:13	
Chloromethane	ug/L	ND	1.0	04/14/21 11:13	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/14/21 11:13	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/14/21 11:13	
Dibromochloromethane	ug/L	ND	0.50	04/14/21 11:13	
Dibromomethane	ug/L	ND	0.50	04/14/21 11:13	
Dichlorodifluoromethane	ug/L	ND	0.50	04/14/21 11:13	
Diisopropyl ether	ug/L	ND	0.50	04/14/21 11:13	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92532714

METHOD BLANK: 3228705

Matrix: Water

Associated Lab Samples: 92532714001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/14/21 11:13	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/14/21 11:13	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/14/21 11:13	
m&p-Xylene	ug/L	ND	1.0	04/14/21 11:13	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/14/21 11:13	
Methylene Chloride	ug/L	ND	2.0	04/14/21 11:13	
n-Butylbenzene	ug/L	ND	0.50	04/14/21 11:13	
n-Propylbenzene	ug/L	ND	0.50	04/14/21 11:13	
Naphthalene	ug/L	ND	2.0	04/14/21 11:13	
o-Xylene	ug/L	ND	0.50	04/14/21 11:13	
sec-Butylbenzene	ug/L	ND	0.50	04/14/21 11:13	
Styrene	ug/L	ND	0.50	04/14/21 11:13	
tert-Butylbenzene	ug/L	ND	0.50	04/14/21 11:13	
Tetrachloroethene	ug/L	ND	0.50	04/14/21 11:13	
Toluene	ug/L	ND	0.50	04/14/21 11:13	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/14/21 11:13	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/14/21 11:13	
Trichloroethene	ug/L	ND	0.50	04/14/21 11:13	
Trichlorofluoromethane	ug/L	ND	1.0	04/14/21 11:13	
Vinyl chloride	ug/L	ND	1.0	04/14/21 11:13	
1,2-Dichloroethane-d4 (S)	%	97	70-130	04/14/21 11:13	
4-Bromofluorobenzene (S)	%	92	70-130	04/14/21 11:13	
Toluene-d8 (S)	%	99	70-130	04/14/21 11:13	

LABORATORY CONTROL SAMPLE: 3228707

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.1	102	60-140	
1,1,1-Trichloroethane	ug/L	50	48.4	97	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	50.3	101	60-140	
1,1,2-Trichloroethane	ug/L	50	51.4	103	60-140	
1,1-Dichloroethane	ug/L	50	50.0	100	60-140	
1,1-Dichloroethene	ug/L	50	52.5	105	60-140	
1,1-Dichloropropene	ug/L	50	49.3	99	60-140	
1,2,3-Trichlorobenzene	ug/L	50	45.2	90	60-140	
1,2,3-Trichloropropane	ug/L	50	51.0	102	60-140	
1,2,4-Trichlorobenzene	ug/L	50	45.7	91	60-140	
1,2,4-Trimethylbenzene	ug/L	50	47.7	95	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.7	109	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.9	106	60-140	
1,2-Dichlorobenzene	ug/L	50	48.2	96	60-140	
1,2-Dichloroethane	ug/L	50	44.0	88	60-140	
1,2-Dichloropropane	ug/L	50	49.1	98	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.8	100	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92532714

LABORATORY CONTROL SAMPLE: 3228707

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	48.4	97	60-140	
1,3-Dichloropropane	ug/L	50	53.3	107	60-140	
1,4-Dichlorobenzene	ug/L	50	48.4	97	60-140	
2,2-Dichloropropane	ug/L	50	50.9	102	60-140	
2-Chlorotoluene	ug/L	50	51.7	103	60-140	
4-Chlorotoluene	ug/L	50	51.3	103	60-140	
Benzene	ug/L	50	48.1	96	60-140	
Bromobenzene	ug/L	50	54.3	109	60-140	
Bromochloromethane	ug/L	50	50.1	100	60-140	
Bromodichloromethane	ug/L	50	44.1	88	60-140	
Bromoform	ug/L	50	52.0	104	60-140	
Bromomethane	ug/L	50	45.4	91	60-140	
Carbon tetrachloride	ug/L	50	47.0	94	60-140	
Chlorobenzene	ug/L	50	50.6	101	60-140	
Chloroethane	ug/L	50	39.1	78	60-140	
Chloroform	ug/L	50	41.8	84	60-140	
Chloromethane	ug/L	50	37.8	76	60-140	
cis-1,2-Dichloroethene	ug/L	50	47.9	96	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.2	98	60-140	
Dibromochloromethane	ug/L	50	56.4	113	60-140	
Dibromomethane	ug/L	50	50.3	101	60-140	
Dichlorodifluoromethane	ug/L	50	37.2	74	60-140	
Diisopropyl ether	ug/L	50	46.0	92	60-140	
Ethylbenzene	ug/L	50	48.3	97	60-140	
Hexachloro-1,3-butadiene	ug/L	50	44.3	89	60-140	
Isopropylbenzene (Cumene)	ug/L	50	46.8	94	60-140	
m&p-Xylene	ug/L	100	97.1	97	60-140	
Methyl-tert-butyl ether	ug/L	50	46.5	93	60-140	
Methylene Chloride	ug/L	50	44.7	89	60-140	
n-Butylbenzene	ug/L	50	45.7	91	60-140	
n-Propylbenzene	ug/L	50	50.4	101	60-140	
Naphthalene	ug/L	50	46.3	93	60-140	
o-Xylene	ug/L	50	46.9	94	60-140	
sec-Butylbenzene	ug/L	50	46.5	93	60-140	
Styrene	ug/L	50	49.6	99	60-140	
tert-Butylbenzene	ug/L	50	40.5	81	60-140	
Tetrachloroethene	ug/L	50	49.5	99	60-140	
Toluene	ug/L	50	49.5	99	60-140	
trans-1,2-Dichloroethene	ug/L	50	48.8	98	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.6	105	60-140	
Trichloroethene	ug/L	50	48.9	98	60-140	
Trichlorofluoromethane	ug/L	50	44.6	89	60-140	
Vinyl chloride	ug/L	50	39.6	79	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			96	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92532714

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3228708				3228709								
Parameter	92532608001		MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.								
1,1,1,2-Tetrachloroethane	ug/L	ND	2500	2500	2580	2530	103	101	60-140	2		
1,1,1-Trichloroethane	ug/L	ND	2500	2500	2570	2650	103	106	60-140	3		
1,1,2,2-Tetrachloroethane	ug/L	ND	2500	2500	2710	2480	109	99	60-140	9		
1,1,2-Trichloroethane	ug/L	ND	2500	2500	2430	2480	97	99	60-140	2		
1,1-Dichloroethane	ug/L	ND	2500	2500	2680	2670	107	107	60-140	0		
1,1-Dichloroethene	ug/L	ND	2500	2500	2930	2800	117	112	60-140	5		
1,1-Dichloropropene	ug/L	ND	2500	2500	2650	2640	106	105	60-140	1		
1,2,3-Trichlorobenzene	ug/L	ND	2500	2500	1990	2140	80	86	60-140	7		
1,2,3-Trichloropropane	ug/L	ND	2500	2500	2720	2520	109	101	60-140	7		
1,2,4-Trichlorobenzene	ug/L	ND	2500	2500	2060	2150	82	86	60-140	4		
1,2,4-Trimethylbenzene	ug/L	1190	2500	2500	3660	3610	99	97	60-140	1		
1,2-Dibromo-3-chloropropane	ug/L	ND	2500	2500	2560	2530	102	101	60-140	1		
1,2-Dibromoethane (EDB)	ug/L	ND	2500	2500	2730	2670	109	107	60-140	2		
1,2-Dichlorobenzene	ug/L	ND	2500	2500	2370	2360	95	95	60-140	0		
1,2-Dichloroethane	ug/L	ND	2500	2500	2270	2260	91	90	60-140	0		
1,2-Dichloropropane	ug/L	ND	2500	2500	2630	2540	105	102	60-140	3		
1,3,5-Trimethylbenzene	ug/L	441	2500	2500	3080	2860	105	97	60-140	7		
1,3-Dichlorobenzene	ug/L	ND	2500	2500	2360	2360	94	94	60-140	0		
1,3-Dichloropropane	ug/L	ND	2500	2500	2790	2670	112	107	60-140	4		
1,4-Dichlorobenzene	ug/L	ND	2500	2500	2380	2380	95	95	60-140	0		
2,2-Dichloropropane	ug/L	ND	2500	2500	2390	2410	96	96	60-140	1		
2-Chlorotoluene	ug/L	ND	2500	2500	2680	2450	107	98	60-140	9		
4-Chlorotoluene	ug/L	ND	2500	2500	2430	2420	97	97	60-140	1		
Benzene	ug/L	945	2500	2500	3560	3540	105	104	60-140	1		
Bromobenzene	ug/L	ND	2500	2500	2650	2640	106	106	60-140	0		
Bromochloromethane	ug/L	ND	2500	2500	2540	2570	102	103	60-140	1		
Bromodichloromethane	ug/L	ND	2500	2500	2380	2270	95	91	60-140	5		
Bromoform	ug/L	ND	2500	2500	2490	2470	100	99	60-140	1		
Bromomethane	ug/L	ND	2500	2500	2640	2700	106	108	60-140	2		
Carbon tetrachloride	ug/L	ND	2500	2500	2500	2500	100	100	60-140	0		
Chlorobenzene	ug/L	ND	2500	2500	2620	2600	105	104	60-140	1		
Chloroethane	ug/L	ND	2500	2500	2730	2640	109	106	60-140	3		
Chloroform	ug/L	ND	2500	2500	2220	2230	89	89	60-140	1		
Chloromethane	ug/L	ND	2500	2500	2030	2040	81	81	60-140	0		
cis-1,2-Dichloroethene	ug/L	ND	2500	2500	2530	2540	101	102	60-140	0		
cis-1,3-Dichloropropene	ug/L	ND	2500	2500	2450	2430	98	97	60-140	1		
Dibromochloromethane	ug/L	ND	2500	2500	2810	2730	112	109	60-140	3		
Dibromomethane	ug/L	ND	2500	2500	2580	2600	103	104	60-140	1		
Dichlorodifluoromethane	ug/L	ND	2500	2500	2070	2030	83	81	60-140	2		
Diisopropyl ether	ug/L	315	2500	2500	2700	2710	95	96	60-140	0		
Ethylbenzene	ug/L	449	2500	2500	3010	2930	103	99	60-140	3		
Hexachloro-1,3-butadiene	ug/L	ND	2500	2500	2130	2190	85	87	60-140	3		
Isopropylbenzene (Cumene)	ug/L	ND	2500	2500	2450	2430	98	97	60-140	1		
m&p-Xylene	ug/L	2790	5000	5000	8050	7750	105	99	60-140	4		
Methyl-tert-butyl ether	ug/L	18700	2500	2500	21000	20700	92	80	60-140	2		
Methylene Chloride	ug/L	ND	2500	2500	2480	2490	94	95	60-140	0		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92532714

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3228708 3228709											
Parameter	Units	92532608001		MS	MSD	MS	MSD	MS	MSD	% Rec	RPD
		Result	Conc.	Spike	Spike						Qual
n-Butylbenzene	ug/L	ND	2500	2500	2500	2270	2260	91	90	60-140	0
n-Propylbenzene	ug/L	ND	2500	2500	2500	2450	2470	98	99	60-140	0
Naphthalene	ug/L	96.2J	2500	2500	2500	2200	2230	84	86	60-140	2
o-Xylene	ug/L	1380	2500	2500	2500	4030	3800	106	97	60-140	6
sec-Butylbenzene	ug/L	ND	2500	2500	2500	2410	2390	96	96	60-140	1
Styrene	ug/L	ND	2500	2500	2500	2470	2440	99	97	60-140	1
tert-Butylbenzene	ug/L	ND	2500	2500	2500	2080	2090	83	84	60-140	0
Tetrachloroethene	ug/L	ND	2500	2500	2500	2620	2580	105	103	60-140	1
Toluene	ug/L	3100	2500	2500	2500	5610	5500	101	96	60-140	2
trans-1,2-Dichloroethene	ug/L	ND	2500	2500	2500	2630	2620	105	105	60-140	0
trans-1,3-Dichloropropene	ug/L	ND	2500	2500	2500	2390	2400	96	96	60-140	1
Trichloroethene	ug/L	ND	2500	2500	2500	2590	2580	104	103	60-140	1
Trichlorofluoromethane	ug/L	ND	2500	2500	2500	2840	2820	114	113	60-140	1
Vinyl chloride	ug/L	ND	2500	2500	2500	2340	2160	93	86	60-140	8
1,2-Dichloroethane-d4 (S)	%							100	97	70-130	
4-Bromofluorobenzene (S)	%							96	97	70-130	
Toluene-d8 (S)	%							96	96	70-130	

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92532714

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92532714

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92532714001	13835_AC_RD_20210413	MADEP VPH	613464		
92532714001	13835_AC_RD_20210413	EPA 3010A	613519	EPA 6010D	613537
92532714001	13835_AC_RD_20210413	SM 6200B	613444		

REPORT OF LABORATORY ANALYSIS

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[illegible]

April 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.: 92532715

Dear Andrew Street:

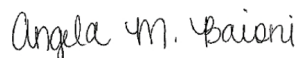
Enclosed are the analytical results for sample(s) received by the laboratory on April 13, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,



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

Enclosures

cc: J Culbreath, Colonial Pipeline Company
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

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CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92532715

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92532715

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92532715001	14226_HC_RD_20210413	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

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92532715

Sample: 14226_HC_RD_20210413		Lab ID: 92532715001		Collected: 04/13/21 10:00		Received: 04/13/21 11:30		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		04/13/21 23:32		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/13/21 23:32		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/13/21 23:32		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/13/21 23:32		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	95	%	70-130	1		04/13/21 23:32	460-00-4		
4-Bromofluorobenzene (PID) (S)	88	%	70-130	1		04/13/21 23:32	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/14/21 01:40	04/20/21 00:40	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/14/21 13:19	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/14/21 13:19	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/14/21 13:19	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/14/21 13:19	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/14/21 13:19	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/14/21 13:19	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/14/21 13:19	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/14/21 13:19	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/14/21 13:19	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/14/21 13:19	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/14/21 13:19	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/14/21 13:19	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/14/21 13:19	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/14/21 13:19	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/14/21 13:19	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/14/21 13:19	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/14/21 13:19	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/14/21 13:19	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/14/21 13:19	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/14/21 13:19	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/14/21 13:19	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/14/21 13:19	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/14/21 13:19	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/14/21 13:19	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/14/21 13:19	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/14/21 13:19	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/14/21 13:19	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/14/21 13:19	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/14/21 13:19	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/14/21 13:19	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/14/21 13:19	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/14/21 13:19	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92532715

Sample: 14226_HC_RD_20210413		Lab ID: 92532715001	Collected: 04/13/21 10:00	Received: 04/13/21 11:30	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		04/14/21 13:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/14/21 13:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/14/21 13:19	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		04/14/21 13:19	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		04/14/21 13:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/14/21 13:19	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/14/21 13:19	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		04/14/21 13:19	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/14/21 13:19	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		04/14/21 13:19	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		04/14/21 13:19	103-65-1	
Styrene	ND	ug/L	0.50	1		04/14/21 13:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/14/21 13:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/14/21 13:19	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		04/14/21 13:19	127-18-4	
Toluene	ND	ug/L	0.50	1		04/14/21 13:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/14/21 13:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/14/21 13:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/14/21 13:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/14/21 13:19	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		04/14/21 13:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/14/21 13:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/14/21 13:19	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/14/21 13:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/14/21 13:19	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		04/14/21 13:19	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		04/14/21 13:19	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		04/14/21 13:19	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		04/14/21 13:19	17060-07-0	
4-Bromofluorobenzene (S)	91	%	70-130	1		04/14/21 13:19	460-00-4	
Toluene-d8 (S)	99	%	70-130	1		04/14/21 13:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92532715

QC Batch: 613464	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92532715001

METHOD BLANK: 3228909 Matrix: Water

Associated Lab Samples: 92532715001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/13/21 15:55	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/13/21 15:55	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/13/21 15:55	N2
4-Bromofluorobenzene (FID) (S)	%	96	70-130	04/13/21 15:55	
4-Bromofluorobenzene (PID) (S)	%	90	70-130	04/13/21 15:55	

LABORATORY CONTROL SAMPLE & LCSD: 3228910

LABORATORY CONTROL SAMPLE & LCSD: 3228910			3228911							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	269	254	90	85	70-130	6	25	N2
Aliphatic (C09-C12)	ug/L	300	272	268	91	89	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	90.4	90.3	90	90	70-130	0	25	N2
4-Bromofluorobenzene (FID) (S)	%				97	95	70-130			
4-Bromofluorobenzene (PID) (S)	%				89	86	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92532715

QC Batch: 613519

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92532715001

METHOD BLANK: 3229153

Matrix: Water

Associated Lab Samples: 92532715001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/20/21 15:08	

LABORATORY CONTROL SAMPLE: 3229154

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	481	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3229155 3229156

Parameter	Units	92532925002 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	497	497	99	99	75-125	0	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92532715

QC Batch: 613444	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92532715001

METHOD BLANK: 3228705 Matrix: Water

Associated Lab Samples: 92532715001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1-Dichloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1-Dichloroethene	ug/L	ND	0.50	04/14/21 11:13	
1,1-Dichloropropene	ug/L	ND	0.50	04/14/21 11:13	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/14/21 11:13	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/14/21 11:13	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/14/21 11:13	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/14/21 11:13	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/14/21 11:13	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/14/21 11:13	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/14/21 11:13	
1,2-Dichloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,2-Dichloropropane	ug/L	ND	0.50	04/14/21 11:13	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/14/21 11:13	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/14/21 11:13	
1,3-Dichloropropane	ug/L	ND	0.50	04/14/21 11:13	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/14/21 11:13	
2,2-Dichloropropane	ug/L	ND	0.50	04/14/21 11:13	
2-Chlorotoluene	ug/L	ND	0.50	04/14/21 11:13	
4-Chlorotoluene	ug/L	ND	0.50	04/14/21 11:13	
Benzene	ug/L	ND	0.50	04/14/21 11:13	
Bromobenzene	ug/L	ND	0.50	04/14/21 11:13	
Bromochloromethane	ug/L	ND	0.50	04/14/21 11:13	
Bromodichloromethane	ug/L	ND	0.50	04/14/21 11:13	
Bromoform	ug/L	ND	0.50	04/14/21 11:13	
Bromomethane	ug/L	ND	5.0	04/14/21 11:13	
Carbon tetrachloride	ug/L	ND	0.50	04/14/21 11:13	
Chlorobenzene	ug/L	ND	0.50	04/14/21 11:13	
Chloroethane	ug/L	ND	1.0	04/14/21 11:13	
Chloroform	ug/L	ND	0.50	04/14/21 11:13	
Chloromethane	ug/L	ND	1.0	04/14/21 11:13	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/14/21 11:13	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/14/21 11:13	
Dibromochloromethane	ug/L	ND	0.50	04/14/21 11:13	
Dibromomethane	ug/L	ND	0.50	04/14/21 11:13	
Dichlorodifluoromethane	ug/L	ND	0.50	04/14/21 11:13	
Diisopropyl ether	ug/L	ND	0.50	04/14/21 11:13	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92532715

METHOD BLANK: 3228705

Matrix: Water

Associated Lab Samples: 92532715001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/14/21 11:13	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/14/21 11:13	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/14/21 11:13	
m&p-Xylene	ug/L	ND	1.0	04/14/21 11:13	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/14/21 11:13	
Methylene Chloride	ug/L	ND	2.0	04/14/21 11:13	
n-Butylbenzene	ug/L	ND	0.50	04/14/21 11:13	
n-Propylbenzene	ug/L	ND	0.50	04/14/21 11:13	
Naphthalene	ug/L	ND	2.0	04/14/21 11:13	
o-Xylene	ug/L	ND	0.50	04/14/21 11:13	
sec-Butylbenzene	ug/L	ND	0.50	04/14/21 11:13	
Styrene	ug/L	ND	0.50	04/14/21 11:13	
tert-Butylbenzene	ug/L	ND	0.50	04/14/21 11:13	
Tetrachloroethene	ug/L	ND	0.50	04/14/21 11:13	
Toluene	ug/L	ND	0.50	04/14/21 11:13	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/14/21 11:13	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/14/21 11:13	
Trichloroethene	ug/L	ND	0.50	04/14/21 11:13	
Trichlorofluoromethane	ug/L	ND	1.0	04/14/21 11:13	
Vinyl chloride	ug/L	ND	1.0	04/14/21 11:13	
1,2-Dichloroethane-d4 (S)	%	97	70-130	04/14/21 11:13	
4-Bromofluorobenzene (S)	%	92	70-130	04/14/21 11:13	
Toluene-d8 (S)	%	99	70-130	04/14/21 11:13	

LABORATORY CONTROL SAMPLE: 3228707

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.1	102	60-140	
1,1,1-Trichloroethane	ug/L	50	48.4	97	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	50.3	101	60-140	
1,1,2-Trichloroethane	ug/L	50	51.4	103	60-140	
1,1-Dichloroethane	ug/L	50	50.0	100	60-140	
1,1-Dichloroethene	ug/L	50	52.5	105	60-140	
1,1-Dichloropropene	ug/L	50	49.3	99	60-140	
1,2,3-Trichlorobenzene	ug/L	50	45.2	90	60-140	
1,2,3-Trichloropropane	ug/L	50	51.0	102	60-140	
1,2,4-Trichlorobenzene	ug/L	50	45.7	91	60-140	
1,2,4-Trimethylbenzene	ug/L	50	47.7	95	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.7	109	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.9	106	60-140	
1,2-Dichlorobenzene	ug/L	50	48.2	96	60-140	
1,2-Dichloroethane	ug/L	50	44.0	88	60-140	
1,2-Dichloropropane	ug/L	50	49.1	98	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.8	100	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92532715

LABORATORY CONTROL SAMPLE: 3228707

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	48.4	97	60-140	
1,3-Dichloropropane	ug/L	50	53.3	107	60-140	
1,4-Dichlorobenzene	ug/L	50	48.4	97	60-140	
2,2-Dichloropropane	ug/L	50	50.9	102	60-140	
2-Chlorotoluene	ug/L	50	51.7	103	60-140	
4-Chlorotoluene	ug/L	50	51.3	103	60-140	
Benzene	ug/L	50	48.1	96	60-140	
Bromobenzene	ug/L	50	54.3	109	60-140	
Bromochloromethane	ug/L	50	50.1	100	60-140	
Bromodichloromethane	ug/L	50	44.1	88	60-140	
Bromoform	ug/L	50	52.0	104	60-140	
Bromomethane	ug/L	50	45.4	91	60-140	
Carbon tetrachloride	ug/L	50	47.0	94	60-140	
Chlorobenzene	ug/L	50	50.6	101	60-140	
Chloroethane	ug/L	50	39.1	78	60-140	
Chloroform	ug/L	50	41.8	84	60-140	
Chloromethane	ug/L	50	37.8	76	60-140	
cis-1,2-Dichloroethene	ug/L	50	47.9	96	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.2	98	60-140	
Dibromochloromethane	ug/L	50	56.4	113	60-140	
Dibromomethane	ug/L	50	50.3	101	60-140	
Dichlorodifluoromethane	ug/L	50	37.2	74	60-140	
Diisopropyl ether	ug/L	50	46.0	92	60-140	
Ethylbenzene	ug/L	50	48.3	97	60-140	
Hexachloro-1,3-butadiene	ug/L	50	44.3	89	60-140	
Isopropylbenzene (Cumene)	ug/L	50	46.8	94	60-140	
m&p-Xylene	ug/L	100	97.1	97	60-140	
Methyl-tert-butyl ether	ug/L	50	46.5	93	60-140	
Methylene Chloride	ug/L	50	44.7	89	60-140	
n-Butylbenzene	ug/L	50	45.7	91	60-140	
n-Propylbenzene	ug/L	50	50.4	101	60-140	
Naphthalene	ug/L	50	46.3	93	60-140	
o-Xylene	ug/L	50	46.9	94	60-140	
sec-Butylbenzene	ug/L	50	46.5	93	60-140	
Styrene	ug/L	50	49.6	99	60-140	
tert-Butylbenzene	ug/L	50	40.5	81	60-140	
Tetrachloroethene	ug/L	50	49.5	99	60-140	
Toluene	ug/L	50	49.5	99	60-140	
trans-1,2-Dichloroethene	ug/L	50	48.8	98	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.6	105	60-140	
Trichloroethene	ug/L	50	48.9	98	60-140	
Trichlorofluoromethane	ug/L	50	44.6	89	60-140	
Vinyl chloride	ug/L	50	39.6	79	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			96	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92532715

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3228708				3228709								
Parameter	92532608001		MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Qual
	Units	Result	Spike	Spike								
1,1,1,2-Tetrachloroethane	ug/L	ND	2500	2500	2580	2530	103	101	60-140	2		
1,1,1-Trichloroethane	ug/L	ND	2500	2500	2570	2650	103	106	60-140	3		
1,1,2,2-Tetrachloroethane	ug/L	ND	2500	2500	2710	2480	109	99	60-140	9		
1,1,2-Trichloroethane	ug/L	ND	2500	2500	2430	2480	97	99	60-140	2		
1,1-Dichloroethane	ug/L	ND	2500	2500	2680	2670	107	107	60-140	0		
1,1-Dichloroethene	ug/L	ND	2500	2500	2930	2800	117	112	60-140	5		
1,1-Dichloropropene	ug/L	ND	2500	2500	2650	2640	106	105	60-140	1		
1,2,3-Trichlorobenzene	ug/L	ND	2500	2500	1990	2140	80	86	60-140	7		
1,2,3-Trichloropropane	ug/L	ND	2500	2500	2720	2520	109	101	60-140	7		
1,2,4-Trichlorobenzene	ug/L	ND	2500	2500	2060	2150	82	86	60-140	4		
1,2,4-Trimethylbenzene	ug/L	1190	2500	2500	3660	3610	99	97	60-140	1		
1,2-Dibromo-3-chloropropane	ug/L	ND	2500	2500	2560	2530	102	101	60-140	1		
1,2-Dibromoethane (EDB)	ug/L	ND	2500	2500	2730	2670	109	107	60-140	2		
1,2-Dichlorobenzene	ug/L	ND	2500	2500	2370	2360	95	95	60-140	0		
1,2-Dichloroethane	ug/L	ND	2500	2500	2270	2260	91	90	60-140	0		
1,2-Dichloropropane	ug/L	ND	2500	2500	2630	2540	105	102	60-140	3		
1,3,5-Trimethylbenzene	ug/L	441	2500	2500	3080	2860	105	97	60-140	7		
1,3-Dichlorobenzene	ug/L	ND	2500	2500	2360	2360	94	94	60-140	0		
1,3-Dichloropropane	ug/L	ND	2500	2500	2790	2670	112	107	60-140	4		
1,4-Dichlorobenzene	ug/L	ND	2500	2500	2380	2380	95	95	60-140	0		
2,2-Dichloropropane	ug/L	ND	2500	2500	2390	2410	96	96	60-140	1		
2-Chlorotoluene	ug/L	ND	2500	2500	2680	2450	107	98	60-140	9		
4-Chlorotoluene	ug/L	ND	2500	2500	2430	2420	97	97	60-140	1		
Benzene	ug/L	945	2500	2500	3560	3540	105	104	60-140	1		
Bromobenzene	ug/L	ND	2500	2500	2650	2640	106	106	60-140	0		
Bromochloromethane	ug/L	ND	2500	2500	2540	2570	102	103	60-140	1		
Bromodichloromethane	ug/L	ND	2500	2500	2380	2270	95	91	60-140	5		
Bromoform	ug/L	ND	2500	2500	2490	2470	100	99	60-140	1		
Bromomethane	ug/L	ND	2500	2500	2640	2700	106	108	60-140	2		
Carbon tetrachloride	ug/L	ND	2500	2500	2500	2500	100	100	60-140	0		
Chlorobenzene	ug/L	ND	2500	2500	2620	2600	105	104	60-140	1		
Chloroethane	ug/L	ND	2500	2500	2730	2640	109	106	60-140	3		
Chloroform	ug/L	ND	2500	2500	2220	2230	89	89	60-140	1		
Chloromethane	ug/L	ND	2500	2500	2030	2040	81	81	60-140	0		
cis-1,2-Dichloroethene	ug/L	ND	2500	2500	2530	2540	101	102	60-140	0		
cis-1,3-Dichloropropene	ug/L	ND	2500	2500	2450	2430	98	97	60-140	1		
Dibromochloromethane	ug/L	ND	2500	2500	2810	2730	112	109	60-140	3		
Dibromomethane	ug/L	ND	2500	2500	2580	2600	103	104	60-140	1		
Dichlorodifluoromethane	ug/L	ND	2500	2500	2070	2030	83	81	60-140	2		
Diisopropyl ether	ug/L	315	2500	2500	2700	2710	95	96	60-140	0		
Ethylbenzene	ug/L	449	2500	2500	3010	2930	103	99	60-140	3		
Hexachloro-1,3-butadiene	ug/L	ND	2500	2500	2130	2190	85	87	60-140	3		
Isopropylbenzene (Cumene)	ug/L	ND	2500	2500	2450	2430	98	97	60-140	1		
m&p-Xylene	ug/L	2790	5000	5000	8050	7750	105	99	60-140	4		
Methyl-tert-butyl ether	ug/L	18700	2500	2500	21000	20700	92	80	60-140	2		
Methylene Chloride	ug/L	ND	2500	2500	2480	2490	94	95	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

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92532715

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3228708 3228709											
Parameter	Units	92532608001		MS	MSD	MS	MSD	MS	MSD	% Rec	RPD
		Result	Conc.	Spike	Spike						
				Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	Qual
n-Butylbenzene	ug/L	ND	2500	2500	2500	2270	2260	91	90	60-140	0
n-Propylbenzene	ug/L	ND	2500	2500	2500	2450	2470	98	99	60-140	0
Naphthalene	ug/L	96.2J	2500	2500	2500	2200	2230	84	86	60-140	2
o-Xylene	ug/L	1380	2500	2500	2500	4030	3800	106	97	60-140	6
sec-Butylbenzene	ug/L	ND	2500	2500	2500	2410	2390	96	96	60-140	1
Styrene	ug/L	ND	2500	2500	2500	2470	2440	99	97	60-140	1
tert-Butylbenzene	ug/L	ND	2500	2500	2500	2080	2090	83	84	60-140	0
Tetrachloroethene	ug/L	ND	2500	2500	2500	2620	2580	105	103	60-140	1
Toluene	ug/L	3100	2500	2500	2500	5610	5500	101	96	60-140	2
trans-1,2-Dichloroethene	ug/L	ND	2500	2500	2500	2630	2620	105	105	60-140	0
trans-1,3-Dichloropropene	ug/L	ND	2500	2500	2500	2390	2400	96	96	60-140	1
Trichloroethene	ug/L	ND	2500	2500	2500	2590	2580	104	103	60-140	1
Trichlorofluoromethane	ug/L	ND	2500	2500	2500	2840	2820	114	113	60-140	1
Vinyl chloride	ug/L	ND	2500	2500	2500	2340	2160	93	86	60-140	8
1,2-Dichloroethane-d4 (S)	%							100	97	70-130	
4-Bromofluorobenzene (S)	%							96	97	70-130	
Toluene-d8 (S)	%							96	96	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92532715

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92532715

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92532715001	14226_HC_RD_20210413	MADEP VPH	613464		
92532715001	14226_HC_RD_20210413	EPA 3010A	613519	EPA 6010D	613537
92532715001	14226_HC_RD_20210413	SM 6200B	613444		

REPORT OF LABORATORY ANALYSIS

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1. Complete all client information at the top left of the sheet: Company name, address, phone/fax, contact (the person to contact if there are questions, and who will receive the final report), e-mail address (if available), PO#, Project Name and/or Project Number as you would like it to appear on the report.

- *Important Note:**
Standard Turnaround Time is 2 Weeks/10 business days. Results will be delivered by end of business on the date due unless other arrangements have been made with your project manager.

If you have additional questions about how to complete the Chain of Custody (COC) please contact a Pace Project Manager

CHAIN-OF-CUSTODY Analytical Request Document

CHAIN-OF-CUSTODY Analytical Request Document										LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or									
Company: Pace Analytical										Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields									
Address: Apex Companies										Billing Information:									
Report To: Andrew Street										Email To: Andrew.Street@apex.com									
Copy To: Andrew Street										Site Collection Info/Address: 14226 Honesville Concord									
Customer Project Name/Number: 2020-L1-2448 Incident										State: NC County/City: Watauga Time Zone Collected: PT ☐ MT ☐ CT ☐ ET									
Phone: 703-244-1111										Site/Facility ID #: 14226 Honesville									
Collected By (print): Matt Teixeira										Purchase Order #: 14226 Honesville									
Collected By (signature): Matt Teixeira										Quote #: 14226 Honesville									
Sample Disposal: Turnaround Date Required: ASAP										Compliance Monitoring? ☐ Yes ☐ No									
☐ Dispose as appropriate ☐ Return ☐ Archive ☐ Hold										DW PWS ID #: 14226 Honesville									
☐ Same Day ☐ Next Day ☐ 2 Day ☐ 3 Day ☐ 4 Day ☐ 5 Day										DW Location Code: 14226 Honesville									
☐ Expedite Charges Apply										Immediately Packed on Ice: ☐ Yes ☐ No									
Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)										Field Filtered (if applicable): ☐ Yes ☐ No									
Customer Sample ID: 14226-HC-Rd-2020413										Analysis: 14226 Honesville									
Matrix: DW										Composite End Date: 7-13-21 10:00									
Comp / Grab Date: 7-13-21 10:00										Res CI # of Cns: 8									
Type of Ice Used: Wet										Blue Dry None									
Packing Material Used: 6.0										Lab Tracking #: 2615894									
Radchem sample(s) screened (<500 cpm): Y N NA										Samples received via: Client Courier Pace Courier									
Date/Time: 4-13-21 11:30										Date/Time: 4-13-21 11:30									
Relinquished by/Company: (Signature) Naomi										Relinquished by/Company: (Signature) Naomi									
Relinquished by/Company: (Signature)										Relinquished by/Company: (Signature)									
Relinquished by/Company: (Signature)										Relinquished by/Company: (Signature)									
Date/Time: 4-13-21 11:30										Date/Time: 4-13-21 11:30									
Received by/Company: (Signature)										Received by/Company: (Signature)									
Date/Time: 4-13-21 11:30										Date/Time: 4-13-21 11:30									
Non Conformance(s): YES / NO										Page: 1 of 1									

April 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.: 92532719

Dear Andrew Street:

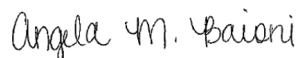
Enclosed are the analytical results for sample(s) received by the laboratory on April 13, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,



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

Enclosures

cc: J Culbreath, Colonial Pipeline Company
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

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92532719

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92532719

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92532719001	14401_HC_RD_20210413	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

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92532719

Sample: 14401_HC_RD_20210413		Lab ID: 92532719001		Collected: 04/13/21 08:35		Received: 04/13/21 11:30		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		04/14/21 00:57		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/14/21 00:57		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/14/21 00:57		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/14/21 00:57		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130	1		04/14/21 00:57	460-00-4		
4-Bromofluorobenzene (PID) (S)	90	%	70-130	1		04/14/21 00:57	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	20.4	ug/L	5.0	1	04/14/21 01:40	04/20/21 00:49	7439-92-1		
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/14/21 13:55	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/14/21 13:55	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/14/21 13:55	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/14/21 13:55	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/14/21 13:55	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/14/21 13:55	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/14/21 13:55	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/14/21 13:55	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/14/21 13:55	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/14/21 13:55	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/14/21 13:55	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/14/21 13:55	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/14/21 13:55	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/14/21 13:55	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/14/21 13:55	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/14/21 13:55	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/14/21 13:55	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/14/21 13:55	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/14/21 13:55	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/14/21 13:55	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/14/21 13:55	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/14/21 13:55	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/14/21 13:55	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/14/21 13:55	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/14/21 13:55	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/14/21 13:55	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/14/21 13:55	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/14/21 13:55	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/14/21 13:55	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/14/21 13:55	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/14/21 13:55	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/14/21 13:55	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92532719

Sample: 14401_HC_RD_20210413		Lab ID: 92532719001		Collected: 04/13/21 08:35		Received: 04/13/21 11:30		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		04/14/21 13:55	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/14/21 13:55	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/14/21 13:55	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/14/21 13:55	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/14/21 13:55	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/14/21 13:55	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/14/21 13:55	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/14/21 13:55	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/14/21 13:55	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/14/21 13:55	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/14/21 13:55	103-65-1		
Styrene	ND	ug/L	0.50	1		04/14/21 13:55	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/14/21 13:55	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/14/21 13:55	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/14/21 13:55	127-18-4		
Toluene	ND	ug/L	0.50	1		04/14/21 13:55	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/14/21 13:55	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/14/21 13:55	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/14/21 13:55	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/14/21 13:55	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/14/21 13:55	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/14/21 13:55	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/14/21 13:55	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/14/21 13:55	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/14/21 13:55	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/14/21 13:55	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/14/21 13:55	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/14/21 13:55	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	94	%	70-130	1		04/14/21 13:55	17060-07-0		
4-Bromofluorobenzene (S)	90	%	70-130	1		04/14/21 13:55	460-00-4		
Toluene-d8 (S)	92	%	70-130	1		04/14/21 13:55	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92532719

QC Batch: 613464	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92532719001

METHOD BLANK: 3228909 Matrix: Water
Associated Lab Samples: 92532719001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/13/21 15:55	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/13/21 15:55	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/13/21 15:55	N2
4-Bromofluorobenzene (FID) (S)	%	96	70-130	04/13/21 15:55	
4-Bromofluorobenzene (PID) (S)	%	90	70-130	04/13/21 15:55	

LABORATORY CONTROL SAMPLE & LCSD: 3228910

		3228911								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	269	254	90	85	70-130	6	25	N2
Aliphatic (C09-C12)	ug/L	300	272	268	91	89	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	90.4	90.3	90	90	70-130	0	25	N2
4-Bromofluorobenzene (FID) (S)	%				97	95	70-130			
4-Bromofluorobenzene (PID) (S)	%				89	86	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92532719

QC Batch: 613519

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92532719001

METHOD BLANK: 3229153

Matrix: Water

Associated Lab Samples: 92532719001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/20/21 15:08	

LABORATORY CONTROL SAMPLE: 3229154

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	481	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3229155 3229156

Parameter	Units	92532925002 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	497	497	99	99	75-125	0	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92532719

QC Batch: 613444	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92532719001

METHOD BLANK: 3228705 Matrix: Water

Associated Lab Samples: 92532719001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1-Dichloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1-Dichloroethene	ug/L	ND	0.50	04/14/21 11:13	
1,1-Dichloropropene	ug/L	ND	0.50	04/14/21 11:13	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/14/21 11:13	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/14/21 11:13	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/14/21 11:13	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/14/21 11:13	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/14/21 11:13	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/14/21 11:13	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/14/21 11:13	
1,2-Dichloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,2-Dichloropropane	ug/L	ND	0.50	04/14/21 11:13	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/14/21 11:13	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/14/21 11:13	
1,3-Dichloropropane	ug/L	ND	0.50	04/14/21 11:13	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/14/21 11:13	
2,2-Dichloropropane	ug/L	ND	0.50	04/14/21 11:13	
2-Chlorotoluene	ug/L	ND	0.50	04/14/21 11:13	
4-Chlorotoluene	ug/L	ND	0.50	04/14/21 11:13	
Benzene	ug/L	ND	0.50	04/14/21 11:13	
Bromobenzene	ug/L	ND	0.50	04/14/21 11:13	
Bromochloromethane	ug/L	ND	0.50	04/14/21 11:13	
Bromodichloromethane	ug/L	ND	0.50	04/14/21 11:13	
Bromoform	ug/L	ND	0.50	04/14/21 11:13	
Bromomethane	ug/L	ND	5.0	04/14/21 11:13	
Carbon tetrachloride	ug/L	ND	0.50	04/14/21 11:13	
Chlorobenzene	ug/L	ND	0.50	04/14/21 11:13	
Chloroethane	ug/L	ND	1.0	04/14/21 11:13	
Chloroform	ug/L	ND	0.50	04/14/21 11:13	
Chloromethane	ug/L	ND	1.0	04/14/21 11:13	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/14/21 11:13	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/14/21 11:13	
Dibromochloromethane	ug/L	ND	0.50	04/14/21 11:13	
Dibromomethane	ug/L	ND	0.50	04/14/21 11:13	
Dichlorodifluoromethane	ug/L	ND	0.50	04/14/21 11:13	
Diisopropyl ether	ug/L	ND	0.50	04/14/21 11:13	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92532719

METHOD BLANK: 3228705 Matrix: Water
Associated Lab Samples: 92532719001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/14/21 11:13	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/14/21 11:13	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/14/21 11:13	
m&p-Xylene	ug/L	ND	1.0	04/14/21 11:13	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/14/21 11:13	
Methylene Chloride	ug/L	ND	2.0	04/14/21 11:13	
n-Butylbenzene	ug/L	ND	0.50	04/14/21 11:13	
n-Propylbenzene	ug/L	ND	0.50	04/14/21 11:13	
Naphthalene	ug/L	ND	2.0	04/14/21 11:13	
o-Xylene	ug/L	ND	0.50	04/14/21 11:13	
sec-Butylbenzene	ug/L	ND	0.50	04/14/21 11:13	
Styrene	ug/L	ND	0.50	04/14/21 11:13	
tert-Butylbenzene	ug/L	ND	0.50	04/14/21 11:13	
Tetrachloroethene	ug/L	ND	0.50	04/14/21 11:13	
Toluene	ug/L	ND	0.50	04/14/21 11:13	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/14/21 11:13	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/14/21 11:13	
Trichloroethene	ug/L	ND	0.50	04/14/21 11:13	
Trichlorofluoromethane	ug/L	ND	1.0	04/14/21 11:13	
Vinyl chloride	ug/L	ND	1.0	04/14/21 11:13	
1,2-Dichloroethane-d4 (S)	%	97	70-130	04/14/21 11:13	
4-Bromofluorobenzene (S)	%	92	70-130	04/14/21 11:13	
Toluene-d8 (S)	%	99	70-130	04/14/21 11:13	

LABORATORY CONTROL SAMPLE: 3228707

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.1	102	60-140	
1,1,1-Trichloroethane	ug/L	50	48.4	97	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	50.3	101	60-140	
1,1,2-Trichloroethane	ug/L	50	51.4	103	60-140	
1,1-Dichloroethane	ug/L	50	50.0	100	60-140	
1,1-Dichloroethene	ug/L	50	52.5	105	60-140	
1,1-Dichloropropene	ug/L	50	49.3	99	60-140	
1,2,3-Trichlorobenzene	ug/L	50	45.2	90	60-140	
1,2,3-Trichloropropane	ug/L	50	51.0	102	60-140	
1,2,4-Trichlorobenzene	ug/L	50	45.7	91	60-140	
1,2,4-Trimethylbenzene	ug/L	50	47.7	95	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.7	109	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.9	106	60-140	
1,2-Dichlorobenzene	ug/L	50	48.2	96	60-140	
1,2-Dichloroethane	ug/L	50	44.0	88	60-140	
1,2-Dichloropropane	ug/L	50	49.1	98	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.8	100	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92532719

LABORATORY CONTROL SAMPLE: 3228707

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	48.4	97	60-140	
1,3-Dichloropropane	ug/L	50	53.3	107	60-140	
1,4-Dichlorobenzene	ug/L	50	48.4	97	60-140	
2,2-Dichloropropane	ug/L	50	50.9	102	60-140	
2-Chlorotoluene	ug/L	50	51.7	103	60-140	
4-Chlorotoluene	ug/L	50	51.3	103	60-140	
Benzene	ug/L	50	48.1	96	60-140	
Bromobenzene	ug/L	50	54.3	109	60-140	
Bromochloromethane	ug/L	50	50.1	100	60-140	
Bromodichloromethane	ug/L	50	44.1	88	60-140	
Bromoform	ug/L	50	52.0	104	60-140	
Bromomethane	ug/L	50	45.4	91	60-140	
Carbon tetrachloride	ug/L	50	47.0	94	60-140	
Chlorobenzene	ug/L	50	50.6	101	60-140	
Chloroethane	ug/L	50	39.1	78	60-140	
Chloroform	ug/L	50	41.8	84	60-140	
Chloromethane	ug/L	50	37.8	76	60-140	
cis-1,2-Dichloroethene	ug/L	50	47.9	96	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.2	98	60-140	
Dibromochloromethane	ug/L	50	56.4	113	60-140	
Dibromomethane	ug/L	50	50.3	101	60-140	
Dichlorodifluoromethane	ug/L	50	37.2	74	60-140	
Diisopropyl ether	ug/L	50	46.0	92	60-140	
Ethylbenzene	ug/L	50	48.3	97	60-140	
Hexachloro-1,3-butadiene	ug/L	50	44.3	89	60-140	
Isopropylbenzene (Cumene)	ug/L	50	46.8	94	60-140	
m&p-Xylene	ug/L	100	97.1	97	60-140	
Methyl-tert-butyl ether	ug/L	50	46.5	93	60-140	
Methylene Chloride	ug/L	50	44.7	89	60-140	
n-Butylbenzene	ug/L	50	45.7	91	60-140	
n-Propylbenzene	ug/L	50	50.4	101	60-140	
Naphthalene	ug/L	50	46.3	93	60-140	
o-Xylene	ug/L	50	46.9	94	60-140	
sec-Butylbenzene	ug/L	50	46.5	93	60-140	
Styrene	ug/L	50	49.6	99	60-140	
tert-Butylbenzene	ug/L	50	40.5	81	60-140	
Tetrachloroethene	ug/L	50	49.5	99	60-140	
Toluene	ug/L	50	49.5	99	60-140	
trans-1,2-Dichloroethene	ug/L	50	48.8	98	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.6	105	60-140	
Trichloroethene	ug/L	50	48.9	98	60-140	
Trichlorofluoromethane	ug/L	50	44.6	89	60-140	
Vinyl chloride	ug/L	50	39.6	79	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			96	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92532719

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3228708				3228709								
Parameter	92532608001		MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.								
1,1,1,2-Tetrachloroethane	ug/L	ND	2500	2500	2580	2530	103	101	60-140	2		
1,1,1-Trichloroethane	ug/L	ND	2500	2500	2570	2650	103	106	60-140	3		
1,1,2,2-Tetrachloroethane	ug/L	ND	2500	2500	2710	2480	109	99	60-140	9		
1,1,2-Trichloroethane	ug/L	ND	2500	2500	2430	2480	97	99	60-140	2		
1,1-Dichloroethane	ug/L	ND	2500	2500	2680	2670	107	107	60-140	0		
1,1-Dichloroethene	ug/L	ND	2500	2500	2930	2800	117	112	60-140	5		
1,1-Dichloropropene	ug/L	ND	2500	2500	2650	2640	106	105	60-140	1		
1,2,3-Trichlorobenzene	ug/L	ND	2500	2500	1990	2140	80	86	60-140	7		
1,2,3-Trichloropropane	ug/L	ND	2500	2500	2720	2520	109	101	60-140	7		
1,2,4-Trichlorobenzene	ug/L	ND	2500	2500	2060	2150	82	86	60-140	4		
1,2,4-Trimethylbenzene	ug/L	1190	2500	2500	3660	3610	99	97	60-140	1		
1,2-Dibromo-3-chloropropane	ug/L	ND	2500	2500	2560	2530	102	101	60-140	1		
1,2-Dibromoethane (EDB)	ug/L	ND	2500	2500	2730	2670	109	107	60-140	2		
1,2-Dichlorobenzene	ug/L	ND	2500	2500	2370	2360	95	95	60-140	0		
1,2-Dichloroethane	ug/L	ND	2500	2500	2270	2260	91	90	60-140	0		
1,2-Dichloropropane	ug/L	ND	2500	2500	2630	2540	105	102	60-140	3		
1,3,5-Trimethylbenzene	ug/L	441	2500	2500	3080	2860	105	97	60-140	7		
1,3-Dichlorobenzene	ug/L	ND	2500	2500	2360	2360	94	94	60-140	0		
1,3-Dichloropropane	ug/L	ND	2500	2500	2790	2670	112	107	60-140	4		
1,4-Dichlorobenzene	ug/L	ND	2500	2500	2380	2380	95	95	60-140	0		
2,2-Dichloropropane	ug/L	ND	2500	2500	2390	2410	96	96	60-140	1		
2-Chlorotoluene	ug/L	ND	2500	2500	2680	2450	107	98	60-140	9		
4-Chlorotoluene	ug/L	ND	2500	2500	2430	2420	97	97	60-140	1		
Benzene	ug/L	945	2500	2500	3560	3540	105	104	60-140	1		
Bromobenzene	ug/L	ND	2500	2500	2650	2640	106	106	60-140	0		
Bromochloromethane	ug/L	ND	2500	2500	2540	2570	102	103	60-140	1		
Bromodichloromethane	ug/L	ND	2500	2500	2380	2270	95	91	60-140	5		
Bromoform	ug/L	ND	2500	2500	2490	2470	100	99	60-140	1		
Bromomethane	ug/L	ND	2500	2500	2640	2700	106	108	60-140	2		
Carbon tetrachloride	ug/L	ND	2500	2500	2500	2500	100	100	60-140	0		
Chlorobenzene	ug/L	ND	2500	2500	2620	2600	105	104	60-140	1		
Chloroethane	ug/L	ND	2500	2500	2730	2640	109	106	60-140	3		
Chloroform	ug/L	ND	2500	2500	2220	2230	89	89	60-140	1		
Chloromethane	ug/L	ND	2500	2500	2030	2040	81	81	60-140	0		
cis-1,2-Dichloroethene	ug/L	ND	2500	2500	2530	2540	101	102	60-140	0		
cis-1,3-Dichloropropene	ug/L	ND	2500	2500	2450	2430	98	97	60-140	1		
Dibromochloromethane	ug/L	ND	2500	2500	2810	2730	112	109	60-140	3		
Dibromomethane	ug/L	ND	2500	2500	2580	2600	103	104	60-140	1		
Dichlorodifluoromethane	ug/L	ND	2500	2500	2070	2030	83	81	60-140	2		
Diisopropyl ether	ug/L	315	2500	2500	2700	2710	95	96	60-140	0		
Ethylbenzene	ug/L	449	2500	2500	3010	2930	103	99	60-140	3		
Hexachloro-1,3-butadiene	ug/L	ND	2500	2500	2130	2190	85	87	60-140	3		
Isopropylbenzene (Cumene)	ug/L	ND	2500	2500	2450	2430	98	97	60-140	1		
m&p-Xylene	ug/L	2790	5000	5000	8050	7750	105	99	60-140	4		
Methyl-tert-butyl ether	ug/L	18700	2500	2500	21000	20700	92	80	60-140	2		
Methylene Chloride	ug/L	ND	2500	2500	2480	2490	94	95	60-140	0		

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92532719

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3228708 3228709											
Parameter	Units	92532608001		MS	MSD	MS		MS	MSD	% Rec	Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
n-Butylbenzene	ug/L	ND	2500	2500	2500	2270	2260	91	90	60-140	0
n-Propylbenzene	ug/L	ND	2500	2500	2500	2450	2470	98	99	60-140	0
Naphthalene	ug/L	96.2J	2500	2500	2500	2200	2230	84	86	60-140	2
o-Xylene	ug/L	1380	2500	2500	2500	4030	3800	106	97	60-140	6
sec-Butylbenzene	ug/L	ND	2500	2500	2500	2410	2390	96	96	60-140	1
Styrene	ug/L	ND	2500	2500	2500	2470	2440	99	97	60-140	1
tert-Butylbenzene	ug/L	ND	2500	2500	2500	2080	2090	83	84	60-140	0
Tetrachloroethene	ug/L	ND	2500	2500	2500	2620	2580	105	103	60-140	1
Toluene	ug/L	3100	2500	2500	2500	5610	5500	101	96	60-140	2
trans-1,2-Dichloroethene	ug/L	ND	2500	2500	2500	2630	2620	105	105	60-140	0
trans-1,3-Dichloropropene	ug/L	ND	2500	2500	2500	2390	2400	96	96	60-140	1
Trichloroethene	ug/L	ND	2500	2500	2500	2590	2580	104	103	60-140	1
Trichlorofluoromethane	ug/L	ND	2500	2500	2500	2840	2820	114	113	60-140	1
Vinyl chloride	ug/L	ND	2500	2500	2500	2340	2160	93	86	60-140	8
1,2-Dichloroethane-d4 (S)	%							100	97	70-130	
4-Bromofluorobenzene (S)	%							96	97	70-130	
Toluene-d8 (S)	%							96	96	70-130	

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92532719

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92532719

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92532719001	14401_HC_RD_20210413	MADEP VPH	613464		
92532719001	14401_HC_RD_20210413	EPA 3010A	613519	EPA 6010D	613537
92532719001	14401_HC_RD_20210413	SM 6200B	613444		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

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

Billing Information:

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

Company: Apex Companies

Address: 14901

Container Preservative Type

ALL SHADED AREAS are for LAB USE ONLY

W0#: 92532719

Report To: Andrew Street

Email To: Andrew.Street@apexcos.com

** Preservative Types: (1) nitric acid, (2) sulfur (6) methanol, (7) sodium bisulfate, (8) sodium (C) ammonium hydroxide, (D) TSP, (U) Unpres



92532719

Copy To:

Site Collection Info/Address: 14901

Analyses

Customer Project Name/Number: 2020-11-2448 Incident

State: County/City: Time Zone Collected: NO

Analyses

92532719

Phone: Site/Facility ID #:

Compliance Monitoring? [] Yes [] No

Analyses

Collected By (print): Mark T

Purchase Order #:

DW PWS ID #:

Analyses

Collected By (signature):

Quote #:

DW Location Code:

Analyses

Sample Disposal:

Rush: [] Same Day [] Next Day [] 2 Day [] 3 Day [] 4 Day [] 5 Day

Field Filtered (if applicable): [] Yes [] No

Analyses

[] Archive: [] Return [] Hold:

Expedite Charges Apply

Analyses

* 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)

Analyses

Customer Sample ID

Matrix *

Comp / Grab

Collected (or Composite Start) Date Time

Res # of Ctns

001

14901-HC-202010413

DW

G

4/13/21 0835

8

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: b.v.

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

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

2615895

Lab Tracking #:

Lab Sample Temperature Info: Temp Blank Received: Y N NA Therm ID#: 92532719 Cooler 1 Temp Upon Receipt: 34.0C Cooler 1 Thermin Crr. Factor: 1.0C Cooler 1 Corrected Temp: 34.0C

Comments:

Relinquished by/Company: (Signature)

Date/Time: 4/13/21 1130

Received by/Company: (Signature)

Date/Time: 4-13-21 11:30

MTL Lab USE ONLY

Table #:

Accum: Template: Prelogin: PM: PB:

Tip Blank Received: Y N NA HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: of:

*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# : 92532719

PM: AMB

Due Date: 04/20/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic 2N Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA 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																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 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.: 92532721

Dear Andrew Street:

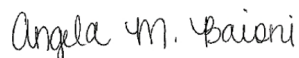
Enclosed are the analytical results for sample(s) received by the laboratory on April 13, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,



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

Enclosures

cc: J Culbreath, Colonial Pipeline Company
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

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92532721

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92532721

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92532721001	13800_HC_RD_20210413	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

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92532721

Sample: 13800_HC_RD_20210413		Lab ID: 92532721001		Collected: 04/13/21 07:55		Received: 04/13/21 11:30		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		04/14/21 01:26		N2	
Aliphatic (C09-C12)	ND	ug/L	50.0	1		04/14/21 01:26		N2	
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	1		04/14/21 01:26		N2	
Aromatic (C09-C10)	ND	ug/L	50.0	1		04/14/21 01:26		N2	
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130	1		04/14/21 01:26	460-00-4		
4-Bromofluorobenzene (PID) (S)	91	%	70-130	1		04/14/21 01:26	460-00-4		
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	04/14/21 01:40	04/20/21 01:05	7439-92-1	BC	
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		04/14/21 14:13	71-43-2		
Bromobenzene	ND	ug/L	0.50	1		04/14/21 14:13	108-86-1		
Bromochloromethane	ND	ug/L	0.50	1		04/14/21 14:13	74-97-5		
Bromodichloromethane	ND	ug/L	0.50	1		04/14/21 14:13	75-27-4		
Bromoform	ND	ug/L	0.50	1		04/14/21 14:13	75-25-2		
Bromomethane	ND	ug/L	5.0	1		04/14/21 14:13	74-83-9		
n-Butylbenzene	ND	ug/L	0.50	1		04/14/21 14:13	104-51-8		
sec-Butylbenzene	ND	ug/L	0.50	1		04/14/21 14:13	135-98-8		
tert-Butylbenzene	ND	ug/L	0.50	1		04/14/21 14:13	98-06-6		
Carbon tetrachloride	ND	ug/L	0.50	1		04/14/21 14:13	56-23-5		
Chlorobenzene	ND	ug/L	0.50	1		04/14/21 14:13	108-90-7		
Chloroethane	ND	ug/L	1.0	1		04/14/21 14:13	75-00-3		
Chloroform	ND	ug/L	0.50	1		04/14/21 14:13	67-66-3		
Chloromethane	ND	ug/L	1.0	1		04/14/21 14:13	74-87-3		
2-Chlorotoluene	ND	ug/L	0.50	1		04/14/21 14:13	95-49-8		
4-Chlorotoluene	ND	ug/L	0.50	1		04/14/21 14:13	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		04/14/21 14:13	96-12-8		
Dibromochloromethane	ND	ug/L	0.50	1		04/14/21 14:13	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		04/14/21 14:13	106-93-4		
Dibromomethane	ND	ug/L	0.50	1		04/14/21 14:13	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	0.50	1		04/14/21 14:13	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	0.50	1		04/14/21 14:13	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	0.50	1		04/14/21 14:13	106-46-7		
Dichlorodifluoromethane	ND	ug/L	0.50	1		04/14/21 14:13	75-71-8		
1,1-Dichloroethane	ND	ug/L	0.50	1		04/14/21 14:13	75-34-3		
1,2-Dichloroethane	ND	ug/L	0.50	1		04/14/21 14:13	107-06-2		
1,1-Dichloroethene	ND	ug/L	0.50	1		04/14/21 14:13	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		04/14/21 14:13	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		04/14/21 14:13	156-60-5		
1,2-Dichloropropane	ND	ug/L	0.50	1		04/14/21 14:13	78-87-5		
1,3-Dichloropropane	ND	ug/L	0.50	1		04/14/21 14:13	142-28-9		
2,2-Dichloropropane	ND	ug/L	0.50	1		04/14/21 14:13	594-20-7		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92532721

Sample: 13800_HC_RD_20210413		Lab ID: 92532721001		Collected: 04/13/21 07:55		Received: 04/13/21 11:30		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		04/14/21 14:13	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		04/14/21 14:13	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		04/14/21 14:13	10061-02-6		
Diisopropyl ether	ND	ug/L	0.50	1		04/14/21 14:13	108-20-3		
Ethylbenzene	ND	ug/L	0.50	1		04/14/21 14:13	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		04/14/21 14:13	87-68-3		
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		04/14/21 14:13	98-82-8		
Methylene Chloride	ND	ug/L	2.0	1		04/14/21 14:13	75-09-2		
Methyl-tert-butyl ether	ND	ug/L	0.50	1		04/14/21 14:13	1634-04-4		
Naphthalene	ND	ug/L	2.0	1		04/14/21 14:13	91-20-3		
n-Propylbenzene	ND	ug/L	0.50	1		04/14/21 14:13	103-65-1		
Styrene	ND	ug/L	0.50	1		04/14/21 14:13	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		04/14/21 14:13	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		04/14/21 14:13	79-34-5		
Tetrachloroethene	ND	ug/L	0.50	1		04/14/21 14:13	127-18-4		
Toluene	ND	ug/L	0.50	1		04/14/21 14:13	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		04/14/21 14:13	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		04/14/21 14:13	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	0.50	1		04/14/21 14:13	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	0.50	1		04/14/21 14:13	79-00-5		
Trichloroethene	ND	ug/L	0.50	1		04/14/21 14:13	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		04/14/21 14:13	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	0.50	1		04/14/21 14:13	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		04/14/21 14:13	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		04/14/21 14:13	108-67-8		
Vinyl chloride	ND	ug/L	1.0	1		04/14/21 14:13	75-01-4		
m&p-Xylene	ND	ug/L	1.0	1		04/14/21 14:13	179601-23-1		
o-Xylene	ND	ug/L	0.50	1		04/14/21 14:13	95-47-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	95	%	70-130	1		04/14/21 14:13	17060-07-0		
4-Bromofluorobenzene (S)	90	%	70-130	1		04/14/21 14:13	460-00-4		
Toluene-d8 (S)	99	%	70-130	1		04/14/21 14:13	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92532721

QC Batch: 613464	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92532721001

METHOD BLANK: 3228909 Matrix: Water

Associated Lab Samples: 92532721001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	04/13/21 15:55	N2
Aliphatic (C09-C12)	ug/L	ND	50.0	04/13/21 15:55	N2
Aromatic (C09-C10)	ug/L	ND	50.0	04/13/21 15:55	N2
4-Bromofluorobenzene (FID) (S)	%	96	70-130	04/13/21 15:55	
4-Bromofluorobenzene (PID) (S)	%	90	70-130	04/13/21 15:55	

LABORATORY CONTROL SAMPLE & LCSD: 3228910

LABORATORY CONTROL SAMPLE & LCSD: 3228910			3228911							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	269	254	90	85	70-130	6	25	N2
Aliphatic (C09-C12)	ug/L	300	272	268	91	89	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	90.4	90.3	90	90	70-130	0	25	N2
4-Bromofluorobenzene (FID) (S)	%				97	95	70-130			
4-Bromofluorobenzene (PID) (S)	%				89	86	70-130			

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92532721

QC Batch: 613519

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92532721001

METHOD BLANK: 3229153

Matrix: Water

Associated Lab Samples: 92532721001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	04/20/21 15:08	

LABORATORY CONTROL SAMPLE: 3229154

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	481	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3229155 3229156

Parameter	Units	92532925002 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	497	497	99	99	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

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92532721

QC Batch: 613444	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92532721001

METHOD BLANK: 3228705 Matrix: Water

Associated Lab Samples: 92532721001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1,1-Trichloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1,2-Trichloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1-Dichloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,1-Dichloroethene	ug/L	ND	0.50	04/14/21 11:13	
1,1-Dichloropropene	ug/L	ND	0.50	04/14/21 11:13	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	04/14/21 11:13	
1,2,3-Trichloropropane	ug/L	ND	0.50	04/14/21 11:13	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	04/14/21 11:13	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	04/14/21 11:13	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	04/14/21 11:13	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	04/14/21 11:13	
1,2-Dichlorobenzene	ug/L	ND	0.50	04/14/21 11:13	
1,2-Dichloroethane	ug/L	ND	0.50	04/14/21 11:13	
1,2-Dichloropropane	ug/L	ND	0.50	04/14/21 11:13	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	04/14/21 11:13	
1,3-Dichlorobenzene	ug/L	ND	0.50	04/14/21 11:13	
1,3-Dichloropropane	ug/L	ND	0.50	04/14/21 11:13	
1,4-Dichlorobenzene	ug/L	ND	0.50	04/14/21 11:13	
2,2-Dichloropropane	ug/L	ND	0.50	04/14/21 11:13	
2-Chlorotoluene	ug/L	ND	0.50	04/14/21 11:13	
4-Chlorotoluene	ug/L	ND	0.50	04/14/21 11:13	
Benzene	ug/L	ND	0.50	04/14/21 11:13	
Bromobenzene	ug/L	ND	0.50	04/14/21 11:13	
Bromochloromethane	ug/L	ND	0.50	04/14/21 11:13	
Bromodichloromethane	ug/L	ND	0.50	04/14/21 11:13	
Bromoform	ug/L	ND	0.50	04/14/21 11:13	
Bromomethane	ug/L	ND	5.0	04/14/21 11:13	
Carbon tetrachloride	ug/L	ND	0.50	04/14/21 11:13	
Chlorobenzene	ug/L	ND	0.50	04/14/21 11:13	
Chloroethane	ug/L	ND	1.0	04/14/21 11:13	
Chloroform	ug/L	ND	0.50	04/14/21 11:13	
Chloromethane	ug/L	ND	1.0	04/14/21 11:13	
cis-1,2-Dichloroethene	ug/L	ND	0.50	04/14/21 11:13	
cis-1,3-Dichloropropene	ug/L	ND	0.50	04/14/21 11:13	
Dibromochloromethane	ug/L	ND	0.50	04/14/21 11:13	
Dibromomethane	ug/L	ND	0.50	04/14/21 11:13	
Dichlorodifluoromethane	ug/L	ND	0.50	04/14/21 11:13	
Diisopropyl ether	ug/L	ND	0.50	04/14/21 11:13	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92532721

METHOD BLANK: 3228705

Matrix: Water

Associated Lab Samples: 92532721001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	04/14/21 11:13	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	04/14/21 11:13	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	04/14/21 11:13	
m&p-Xylene	ug/L	ND	1.0	04/14/21 11:13	
Methyl-tert-butyl ether	ug/L	ND	0.50	04/14/21 11:13	
Methylene Chloride	ug/L	ND	2.0	04/14/21 11:13	
n-Butylbenzene	ug/L	ND	0.50	04/14/21 11:13	
n-Propylbenzene	ug/L	ND	0.50	04/14/21 11:13	
Naphthalene	ug/L	ND	2.0	04/14/21 11:13	
o-Xylene	ug/L	ND	0.50	04/14/21 11:13	
sec-Butylbenzene	ug/L	ND	0.50	04/14/21 11:13	
Styrene	ug/L	ND	0.50	04/14/21 11:13	
tert-Butylbenzene	ug/L	ND	0.50	04/14/21 11:13	
Tetrachloroethene	ug/L	ND	0.50	04/14/21 11:13	
Toluene	ug/L	ND	0.50	04/14/21 11:13	
trans-1,2-Dichloroethene	ug/L	ND	0.50	04/14/21 11:13	
trans-1,3-Dichloropropene	ug/L	ND	0.50	04/14/21 11:13	
Trichloroethene	ug/L	ND	0.50	04/14/21 11:13	
Trichlorofluoromethane	ug/L	ND	1.0	04/14/21 11:13	
Vinyl chloride	ug/L	ND	1.0	04/14/21 11:13	
1,2-Dichloroethane-d4 (S)	%	97	70-130	04/14/21 11:13	
4-Bromofluorobenzene (S)	%	92	70-130	04/14/21 11:13	
Toluene-d8 (S)	%	99	70-130	04/14/21 11:13	

LABORATORY CONTROL SAMPLE: 3228707

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.1	102	60-140	
1,1,1-Trichloroethane	ug/L	50	48.4	97	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	50.3	101	60-140	
1,1,2-Trichloroethane	ug/L	50	51.4	103	60-140	
1,1-Dichloroethane	ug/L	50	50.0	100	60-140	
1,1-Dichloroethene	ug/L	50	52.5	105	60-140	
1,1-Dichloropropene	ug/L	50	49.3	99	60-140	
1,2,3-Trichlorobenzene	ug/L	50	45.2	90	60-140	
1,2,3-Trichloropropane	ug/L	50	51.0	102	60-140	
1,2,4-Trichlorobenzene	ug/L	50	45.7	91	60-140	
1,2,4-Trimethylbenzene	ug/L	50	47.7	95	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.7	109	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.9	106	60-140	
1,2-Dichlorobenzene	ug/L	50	48.2	96	60-140	
1,2-Dichloroethane	ug/L	50	44.0	88	60-140	
1,2-Dichloropropane	ug/L	50	49.1	98	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.8	100	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92532721

LABORATORY CONTROL SAMPLE: 3228707

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	48.4	97	60-140	
1,3-Dichloropropane	ug/L	50	53.3	107	60-140	
1,4-Dichlorobenzene	ug/L	50	48.4	97	60-140	
2,2-Dichloropropane	ug/L	50	50.9	102	60-140	
2-Chlorotoluene	ug/L	50	51.7	103	60-140	
4-Chlorotoluene	ug/L	50	51.3	103	60-140	
Benzene	ug/L	50	48.1	96	60-140	
Bromobenzene	ug/L	50	54.3	109	60-140	
Bromochloromethane	ug/L	50	50.1	100	60-140	
Bromodichloromethane	ug/L	50	44.1	88	60-140	
Bromoform	ug/L	50	52.0	104	60-140	
Bromomethane	ug/L	50	45.4	91	60-140	
Carbon tetrachloride	ug/L	50	47.0	94	60-140	
Chlorobenzene	ug/L	50	50.6	101	60-140	
Chloroethane	ug/L	50	39.1	78	60-140	
Chloroform	ug/L	50	41.8	84	60-140	
Chloromethane	ug/L	50	37.8	76	60-140	
cis-1,2-Dichloroethene	ug/L	50	47.9	96	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.2	98	60-140	
Dibromochloromethane	ug/L	50	56.4	113	60-140	
Dibromomethane	ug/L	50	50.3	101	60-140	
Dichlorodifluoromethane	ug/L	50	37.2	74	60-140	
Diisopropyl ether	ug/L	50	46.0	92	60-140	
Ethylbenzene	ug/L	50	48.3	97	60-140	
Hexachloro-1,3-butadiene	ug/L	50	44.3	89	60-140	
Isopropylbenzene (Cumene)	ug/L	50	46.8	94	60-140	
m&p-Xylene	ug/L	100	97.1	97	60-140	
Methyl-tert-butyl ether	ug/L	50	46.5	93	60-140	
Methylene Chloride	ug/L	50	44.7	89	60-140	
n-Butylbenzene	ug/L	50	45.7	91	60-140	
n-Propylbenzene	ug/L	50	50.4	101	60-140	
Naphthalene	ug/L	50	46.3	93	60-140	
o-Xylene	ug/L	50	46.9	94	60-140	
sec-Butylbenzene	ug/L	50	46.5	93	60-140	
Styrene	ug/L	50	49.6	99	60-140	
tert-Butylbenzene	ug/L	50	40.5	81	60-140	
Tetrachloroethene	ug/L	50	49.5	99	60-140	
Toluene	ug/L	50	49.5	99	60-140	
trans-1,2-Dichloroethene	ug/L	50	48.8	98	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.6	105	60-140	
Trichloroethene	ug/L	50	48.9	98	60-140	
Trichlorofluoromethane	ug/L	50	44.6	89	60-140	
Vinyl chloride	ug/L	50	39.6	79	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			96	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92532721

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3228708				3228709								
Parameter	92532608001		MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Qual
	Units	Result	Spike	Spike								
1,1,1,2-Tetrachloroethane	ug/L	ND	2500	2500	2580	2530	103	101	60-140	2		
1,1,1-Trichloroethane	ug/L	ND	2500	2500	2570	2650	103	106	60-140	3		
1,1,2,2-Tetrachloroethane	ug/L	ND	2500	2500	2710	2480	109	99	60-140	9		
1,1,2-Trichloroethane	ug/L	ND	2500	2500	2430	2480	97	99	60-140	2		
1,1-Dichloroethane	ug/L	ND	2500	2500	2680	2670	107	107	60-140	0		
1,1-Dichloroethene	ug/L	ND	2500	2500	2930	2800	117	112	60-140	5		
1,1-Dichloropropene	ug/L	ND	2500	2500	2650	2640	106	105	60-140	1		
1,2,3-Trichlorobenzene	ug/L	ND	2500	2500	1990	2140	80	86	60-140	7		
1,2,3-Trichloropropane	ug/L	ND	2500	2500	2720	2520	109	101	60-140	7		
1,2,4-Trichlorobenzene	ug/L	ND	2500	2500	2060	2150	82	86	60-140	4		
1,2,4-Trimethylbenzene	ug/L	1190	2500	2500	3660	3610	99	97	60-140	1		
1,2-Dibromo-3-chloropropane	ug/L	ND	2500	2500	2560	2530	102	101	60-140	1		
1,2-Dibromoethane (EDB)	ug/L	ND	2500	2500	2730	2670	109	107	60-140	2		
1,2-Dichlorobenzene	ug/L	ND	2500	2500	2370	2360	95	95	60-140	0		
1,2-Dichloroethane	ug/L	ND	2500	2500	2270	2260	91	90	60-140	0		
1,2-Dichloropropane	ug/L	ND	2500	2500	2630	2540	105	102	60-140	3		
1,3,5-Trimethylbenzene	ug/L	441	2500	2500	3080	2860	105	97	60-140	7		
1,3-Dichlorobenzene	ug/L	ND	2500	2500	2360	2360	94	94	60-140	0		
1,3-Dichloropropane	ug/L	ND	2500	2500	2790	2670	112	107	60-140	4		
1,4-Dichlorobenzene	ug/L	ND	2500	2500	2380	2380	95	95	60-140	0		
2,2-Dichloropropane	ug/L	ND	2500	2500	2390	2410	96	96	60-140	1		
2-Chlorotoluene	ug/L	ND	2500	2500	2680	2450	107	98	60-140	9		
4-Chlorotoluene	ug/L	ND	2500	2500	2430	2420	97	97	60-140	1		
Benzene	ug/L	945	2500	2500	3560	3540	105	104	60-140	1		
Bromobenzene	ug/L	ND	2500	2500	2650	2640	106	106	60-140	0		
Bromochloromethane	ug/L	ND	2500	2500	2540	2570	102	103	60-140	1		
Bromodichloromethane	ug/L	ND	2500	2500	2380	2270	95	91	60-140	5		
Bromoform	ug/L	ND	2500	2500	2490	2470	100	99	60-140	1		
Bromomethane	ug/L	ND	2500	2500	2640	2700	106	108	60-140	2		
Carbon tetrachloride	ug/L	ND	2500	2500	2500	2500	100	100	60-140	0		
Chlorobenzene	ug/L	ND	2500	2500	2620	2600	105	104	60-140	1		
Chloroethane	ug/L	ND	2500	2500	2730	2640	109	106	60-140	3		
Chloroform	ug/L	ND	2500	2500	2220	2230	89	89	60-140	1		
Chloromethane	ug/L	ND	2500	2500	2030	2040	81	81	60-140	0		
cis-1,2-Dichloroethene	ug/L	ND	2500	2500	2530	2540	101	102	60-140	0		
cis-1,3-Dichloropropene	ug/L	ND	2500	2500	2450	2430	98	97	60-140	1		
Dibromochloromethane	ug/L	ND	2500	2500	2810	2730	112	109	60-140	3		
Dibromomethane	ug/L	ND	2500	2500	2580	2600	103	104	60-140	1		
Dichlorodifluoromethane	ug/L	ND	2500	2500	2070	2030	83	81	60-140	2		
Diisopropyl ether	ug/L	315	2500	2500	2700	2710	95	96	60-140	0		
Ethylbenzene	ug/L	449	2500	2500	3010	2930	103	99	60-140	3		
Hexachloro-1,3-butadiene	ug/L	ND	2500	2500	2130	2190	85	87	60-140	3		
Isopropylbenzene (Cumene)	ug/L	ND	2500	2500	2450	2430	98	97	60-140	1		
m&p-Xylene	ug/L	2790	5000	5000	8050	7750	105	99	60-140	4		
Methyl-tert-butyl ether	ug/L	18700	2500	2500	21000	20700	92	80	60-140	2		
Methylene Chloride	ug/L	ND	2500	2500	2480	2490	94	95	60-140	0		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92532721

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3228708 3228709											
Parameter	Units	92532608001		MS	MSD	MS		MS	MSD	% Rec	Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	
n-Butylbenzene	ug/L	ND	2500	2500	2500	2270	2260	91	90	60-140	0
n-Propylbenzene	ug/L	ND	2500	2500	2500	2450	2470	98	99	60-140	0
Naphthalene	ug/L	96.2J	2500	2500	2500	2200	2230	84	86	60-140	2
o-Xylene	ug/L	1380	2500	2500	2500	4030	3800	106	97	60-140	6
sec-Butylbenzene	ug/L	ND	2500	2500	2500	2410	2390	96	96	60-140	1
Styrene	ug/L	ND	2500	2500	2500	2470	2440	99	97	60-140	1
tert-Butylbenzene	ug/L	ND	2500	2500	2500	2080	2090	83	84	60-140	0
Tetrachloroethene	ug/L	ND	2500	2500	2500	2620	2580	105	103	60-140	1
Toluene	ug/L	3100	2500	2500	2500	5610	5500	101	96	60-140	2
trans-1,2-Dichloroethene	ug/L	ND	2500	2500	2500	2630	2620	105	105	60-140	0
trans-1,3-Dichloropropene	ug/L	ND	2500	2500	2500	2390	2400	96	96	60-140	1
Trichloroethene	ug/L	ND	2500	2500	2500	2590	2580	104	103	60-140	1
Trichlorofluoromethane	ug/L	ND	2500	2500	2500	2840	2820	114	113	60-140	1
Vinyl chloride	ug/L	ND	2500	2500	2500	2340	2160	93	86	60-140	8
1,2-Dichloroethane-d4 (S)	%							100	97	70-130	
4-Bromofluorobenzene (S)	%							96	97	70-130	
Toluene-d8 (S)	%							96	96	70-130	

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92532721

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.

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92532721

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92532721001	13800_HC_RD_20210413	MADEP VPH	613464		
92532721001	13800_HC_RD_20210413	EPA 3010A	613519	EPA 6010D	613537
92532721001	13800_HC_RD_20210413	SM 6200B	613444		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

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

[illegible][illegible]



*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#: 92532721

PM: AMB

Due Date: 04/20/21

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																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 01, 2021

Alex Testoff
Montrose Environmental Group, Inc.
400 Northridge Rd.
Suite 400
Atlanta, GA 30350

RE: Project: Proj-002116
Pace Project No.: 92530030

Dear Alex Testoff:

Enclosed are the analytical results for sample(s) received by the laboratory on March 26, 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
J Tate, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



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CERTIFICATIONS

Project: Proj-002116

Pace Project No.: 92530030

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Proj-002116

Pace Project No.: 92530030

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92530030001	21085-SW-1	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92530030002	21085-SW-2	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92530030003	21085-SW-3	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92530030004	21085-SW-4	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92530030005	21085-SW-5	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92530030006	21085-SW-6	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92530030007	21085-SW-7	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92530030008	21085-SW-SEEP	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92530030009	21085-SW-CONFLUENCE	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92530030010	21085-SW-SEEP 2	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92530030011	21085-SW-DUP	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92530030012	21085-SW-CONFLUENCE 2	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92530030013	21085-SW-TRIP BLANK	EPA 8260D	PM1	9	PASI-C

PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: Proj-002116

Pace Project No.: 92530030

Sample: 21085-SW-1		Lab ID: 92530030001		Collected: 03/26/21 17:00		Received: 03/26/21 19:40		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		03/30/21 15:38			
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130	1		03/30/21 15:38	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		03/31/21 16:51	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		03/31/21 16:51	100-41-4		
Toluene	ND	ug/L	1.0	1		03/31/21 16:51	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		03/31/21 16:51	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		03/31/21 16:51	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		03/31/21 16:51	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130	1		03/31/21 16:51	460-00-4		
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		03/31/21 16:51	17060-07-0		
Toluene-d8 (S)	108	%	70-130	1		03/31/21 16:51	2037-26-5		

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ANALYTICAL RESULTS

Project: Proj-002116

Pace Project No.: 92530030

Sample: 21085-SW-2		Lab ID: 92530030002		Collected: 03/26/21 18:05		Received: 03/26/21 19:40		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		03/30/21 16:34			
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130	1		03/30/21 16:34	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		03/31/21 17:09	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		03/31/21 17:09	100-41-4		
Toluene	ND	ug/L	1.0	1		03/31/21 17:09	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		03/31/21 17:09	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		03/31/21 17:09	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		03/31/21 17:09	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130	1		03/31/21 17:09	460-00-4		
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		03/31/21 17:09	17060-07-0		
Toluene-d8 (S)	107	%	70-130	1		03/31/21 17:09	2037-26-5		

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ANALYTICAL RESULTS

Project: Proj-002116

Pace Project No.: 92530030

Sample: 21085-SW-3		Lab ID: 92530030003		Collected: 03/26/21 17:15		Received: 03/26/21 19:40		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		03/30/21 17:02			
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130	1		03/30/21 17:02	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		03/30/21 17:26	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		03/30/21 17:26	100-41-4		
Toluene	ND	ug/L	1.0	1		03/30/21 17:26	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		03/30/21 17:26	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		03/30/21 17:26	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		03/30/21 17:26	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130	1		03/30/21 17:26	460-00-4		
1,2-Dichloroethane-d4 (S)	95	%	70-130	1		03/30/21 17:26	17060-07-0		
Toluene-d8 (S)	99	%	70-130	1		03/30/21 17:26	2037-26-5		

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ANALYTICAL RESULTS

Project: Proj-002116

Pace Project No.: 92530030

Sample: 21085-SW-4		Lab ID: 92530030004		Collected: 03/26/21 18:15		Received: 03/26/21 19:40		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		03/30/21 17:30			
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130	1		03/30/21 17:30	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		03/30/21 17:44	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		03/30/21 17:44	100-41-4		
Toluene	ND	ug/L	1.0	1		03/30/21 17:44	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		03/30/21 17:44	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		03/30/21 17:44	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		03/30/21 17:44	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130	1		03/30/21 17:44	460-00-4		
1,2-Dichloroethane-d4 (S)	93	%	70-130	1		03/30/21 17:44	17060-07-0		
Toluene-d8 (S)	99	%	70-130	1		03/30/21 17:44	2037-26-5		

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ANALYTICAL RESULTS

Project: Proj-002116

Pace Project No.: 92530030

Sample: 21085-SW-5		Lab ID: 92530030005		Collected: 03/26/21 18:35		Received: 03/26/21 19:40		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		03/30/21 17:58			
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130	1		03/30/21 17:58	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		03/30/21 18:02	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		03/30/21 18:02	100-41-4		
Toluene	ND	ug/L	1.0	1		03/30/21 18:02	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		03/30/21 18:02	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		03/30/21 18:02	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		03/30/21 18:02	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130	1		03/30/21 18:02	460-00-4		
1,2-Dichloroethane-d4 (S)	90	%	70-130	1		03/30/21 18:02	17060-07-0		
Toluene-d8 (S)	101	%	70-130	1		03/30/21 18:02	2037-26-5		

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ANALYTICAL RESULTS

Project: Proj-002116

Pace Project No.: 92530030

Sample: 21085-SW-6		Lab ID: 92530030006		Collected: 03/26/21 18:50		Received: 03/26/21 19:40		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		03/30/21 18:27			
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-130	1		03/30/21 18:27	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		03/30/21 18:20	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		03/30/21 18:20	100-41-4		
Toluene	ND	ug/L	1.0	1		03/30/21 18:20	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		03/30/21 18:20	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		03/30/21 18:20	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		03/30/21 18:20	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130	1		03/30/21 18:20	460-00-4		
1,2-Dichloroethane-d4 (S)	92	%	70-130	1		03/30/21 18:20	17060-07-0		
Toluene-d8 (S)	101	%	70-130	1		03/30/21 18:20	2037-26-5		

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ANALYTICAL RESULTS

Project: Proj-002116

Pace Project No.: 92530030

Sample: 21085-SW-7		Lab ID: 92530030007		Collected: 03/26/21 19:00		Received: 03/26/21 19:40		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		03/30/21 18:55			
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130	1		03/30/21 18:55	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		03/30/21 18:38	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		03/30/21 18:38	100-41-4		
Toluene	ND	ug/L	1.0	1		03/30/21 18:38	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		03/30/21 18:38	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		03/30/21 18:38	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		03/30/21 18:38	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130	1		03/30/21 18:38	460-00-4		
1,2-Dichloroethane-d4 (S)	93	%	70-130	1		03/30/21 18:38	17060-07-0		
Toluene-d8 (S)	99	%	70-130	1		03/30/21 18:38	2037-26-5		

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ANALYTICAL RESULTS

Project: Proj-002116

Pace Project No.: 92530030

Sample: 21085-SW-SEEP		Lab ID: 92530030008		Collected: 03/26/21 17:20		Received: 03/26/21 19:40		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		03/30/21 19:23			
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130	1		03/30/21 19:23	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		03/30/21 18:56	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		03/30/21 18:56	100-41-4		
Toluene	ND	ug/L	1.0	1		03/30/21 18:56	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		03/30/21 18:56	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		03/30/21 18:56	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		03/30/21 18:56	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130	1		03/30/21 18:56	460-00-4		
1,2-Dichloroethane-d4 (S)	91	%	70-130	1		03/30/21 18:56	17060-07-0		
Toluene-d8 (S)	99	%	70-130	1		03/30/21 18:56	2037-26-5		

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ANALYTICAL RESULTS

Project: Proj-002116

Pace Project No.: 92530030

Sample: 21085-SW-CONFLUENCE	Lab ID: 92530030009		Collected: 03/26/21 17:25		Received: 03/26/21 19:40		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		03/30/21 19:51		
Surrogates								
4-Bromofluorobenzene (S)	86	%	70-130	1		03/30/21 19:51	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		03/30/21 19:14	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/30/21 19:14	100-41-4	
Toluene	ND	ug/L	1.0	1		03/30/21 19:14	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		03/30/21 19:14	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		03/30/21 19:14	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		03/30/21 19:14	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	91	%	70-130	1		03/30/21 19:14	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130	1		03/30/21 19:14	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		03/30/21 19:14	2037-26-5	

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ANALYTICAL RESULTS

Project: Proj-002116

Pace Project No.: 92530030

Sample: 21085-SW-SEEP 2		Lab ID: 92530030010		Collected: 03/26/21 17:30		Received: 03/26/21 19:40		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		03/30/21 20:19			
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130	1		03/30/21 20:19	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		03/30/21 19:32	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		03/30/21 19:32	100-41-4		
Toluene	ND	ug/L	1.0	1		03/30/21 19:32	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		03/30/21 19:32	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		03/30/21 19:32	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		03/30/21 19:32	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130	1		03/30/21 19:32	460-00-4		
1,2-Dichloroethane-d4 (S)	93	%	70-130	1		03/30/21 19:32	17060-07-0		
Toluene-d8 (S)	98	%	70-130	1		03/30/21 19:32	2037-26-5		

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ANALYTICAL RESULTS

Project: Proj-002116

Pace Project No.: 92530030

Sample: 21085-SW-DUP		Lab ID: 92530030011		Collected: 03/26/21 12:00		Received: 03/26/21 19:40		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		03/30/21 20:47			
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130	1		03/30/21 20:47	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		03/30/21 19:50	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		03/30/21 19:50	100-41-4		
Toluene	ND	ug/L	1.0	1		03/30/21 19:50	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		03/30/21 19:50	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		03/30/21 19:50	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		03/30/21 19:50	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130	1		03/30/21 19:50	460-00-4		
1,2-Dichloroethane-d4 (S)	93	%	70-130	1		03/30/21 19:50	17060-07-0		
Toluene-d8 (S)	99	%	70-130	1		03/30/21 19:50	2037-26-5		

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ANALYTICAL RESULTS

Project: Proj-002116

Pace Project No.: 92530030

Sample: 21085-SW-CONFLUENCE 2		Lab ID: 92530030012		Collected: 03/26/21 17:35		Received: 03/26/21 19:40		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		03/30/21 21:15			
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130	1		03/30/21 21:15	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		03/30/21 20:08	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		03/30/21 20:08	100-41-4		
Toluene	ND	ug/L	1.0	1		03/30/21 20:08	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		03/30/21 20:08	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		03/30/21 20:08	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		03/30/21 20:08	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130	1		03/30/21 20:08	460-00-4		
1,2-Dichloroethane-d4 (S)	93	%	70-130	1		03/30/21 20:08	17060-07-0		
Toluene-d8 (S)	97	%	70-130	1		03/30/21 20:08	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Proj-002116

Pace Project No.: 92530030

Sample: 21085-SW-TRIP BLANK		Lab ID: 92530030013		Collected: 03/26/21 00:00		Received: 03/26/21 19:40		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		03/30/21 23:45	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		03/30/21 23:45	100-41-4		
Toluene	ND	ug/L	1.0	1		03/30/21 23:45	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		03/30/21 23:45	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		03/30/21 23:45	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		03/30/21 23:45	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130	1		03/30/21 23:45	460-00-4		
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		03/30/21 23:45	17060-07-0		
Toluene-d8 (S)	100	%	70-130	1		03/30/21 23:45	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Proj-002116

Pace Project No.: 92530030

QC Batch:	610229	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:	92530030001, 92530030002, 92530030003, 92530030004, 92530030005, 92530030006, 92530030007, 92530030008, 92530030009, 92530030010, 92530030011, 92530030012		

METHOD BLANK:	3213355	Matrix:	Water
Associated Lab Samples:	92530030001, 92530030002, 92530030003, 92530030004, 92530030005, 92530030006, 92530030007, 92530030008, 92530030009, 92530030010, 92530030011, 92530030012		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	0.080	03/30/21 15:09	
4-Bromofluorobenzene (S)	%	93	70-130	03/30/21 15:09	

LABORATORY CONTROL SAMPLE:	3213356
----------------------------	---------

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gas Range Organics (C6-C10)	mg/L	1	0.95	95	70-130	
4-Bromofluorobenzene (S)	%			90	70-130	

MATRIX SPIKE SAMPLE:	3213358
----------------------	---------

Parameter	Units	92530030002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	1	0.96	94	68-145	
4-Bromofluorobenzene (S)	%				94	70-130	

SAMPLE DUPLICATE:	3213357
-------------------	---------

Parameter	Units	92530030001 Result	Dup Result	RPD	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	ND		
4-Bromofluorobenzene (S)	%	88	86		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Proj-002116
Pace Project No.: 92530030

QC Batch:	610039	Analysis Method:	EPA 8260D
QC Batch Method:	EPA 8260D	Analysis Description:	8260D MSV Low Level
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92530030003, 92530030004, 92530030005, 92530030006, 92530030007, 92530030008, 92530030009, 92530030010, 92530030011, 92530030012		

METHOD BLANK: 3212685 Matrix: Water
Associated Lab Samples: 92530030003, 92530030004, 92530030005, 92530030006, 92530030007, 92530030008, 92530030009, 92530030010, 92530030011, 92530030012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	03/30/21 11:26	
Ethylbenzene	ug/L	ND	1.0	03/30/21 11:26	
m&p-Xylene	ug/L	ND	2.0	03/30/21 11:26	
o-Xylene	ug/L	ND	1.0	03/30/21 11:26	
Toluene	ug/L	ND	1.0	03/30/21 11:26	
Xylene (Total)	ug/L	ND	1.0	03/30/21 11:26	
1,2-Dichloroethane-d4 (S)	%	92	70-130	03/30/21 11:26	
4-Bromofluorobenzene (S)	%	91	70-130	03/30/21 11:26	
Toluene-d8 (S)	%	99	70-130	03/30/21 11:26	

LABORATORY CONTROL SAMPLE: 3212686

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	44.1	88	70-130	
Ethylbenzene	ug/L	50	46.2	92	70-130	
m&p-Xylene	ug/L	100	94.3	94	70-130	
o-Xylene	ug/L	50	48.0	96	70-130	
Toluene	ug/L	50	46.9	94	70-130	
Xylene (Total)	ug/L	150	142	95	70-130	
1,2-Dichloroethane-d4 (S)	%			88	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			96	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3212687 3212688

Parameter	Units	92530030003 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	20.0	19.0	100	95	67-150	5	
Ethylbenzene	ug/L	ND	20	20	21.1	20.1	105	101	68-143	4	
m&p-Xylene	ug/L	ND	40	40	42.3	40.2	106	101	53-157	5	
o-Xylene	ug/L	ND	20	20	21.0	20.1	102	97	68-143	5	
Toluene	ug/L	ND	20	20	20.9	20.3	104	102	47-157	3	
Xylene (Total)	ug/L	ND	60	60	63.4	60.3	106	101	66-145	5	
1,2-Dichloroethane-d4 (S)	%						89	88	70-130		
4-Bromofluorobenzene (S)	%						92	95	70-130		
Toluene-d8 (S)	%						96	96	70-130		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Proj-002116

Pace Project No.: 92530030

QC Batch: 610041

Analysis Method: EPA 8260D

QC Batch Method: EPA 8260D

Analysis Description: 8260D MSV Low Level

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92530030001, 92530030002

METHOD BLANK: 3212696

Matrix: Water

Associated Lab Samples: 92530030001, 92530030002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	03/31/21 13:33	
Ethylbenzene	ug/L	ND	1.0	03/31/21 13:33	
m&p-Xylene	ug/L	ND	2.0	03/31/21 13:33	
o-Xylene	ug/L	ND	1.0	03/31/21 13:33	
Toluene	ug/L	ND	1.0	03/31/21 13:33	
Xylene (Total)	ug/L	ND	1.0	03/31/21 13:33	
1,2-Dichloroethane-d4 (S)	%	97	70-130	03/31/21 13:33	
4-Bromofluorobenzene (S)	%	104	70-130	03/31/21 13:33	
Toluene-d8 (S)	%	107	70-130	03/31/21 13:33	

LABORATORY CONTROL SAMPLE: 3212697

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	46.9	94	70-130	
Ethylbenzene	ug/L	50	47.3	95	70-130	
m&p-Xylene	ug/L	100	93.5	93	70-130	
o-Xylene	ug/L	50	46.5	93	70-130	
Toluene	ug/L	50	44.9	90	70-130	
Xylene (Total)	ug/L	150	140	93	70-130	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3212698 3212699

Parameter	92529683003		MS	MSD	MS		MSD	MS		MSD	% Rec		RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	% Rec	% Rec	Limits	Limits		
Benzene	ug/L	ND	20	20	21.2	21.0	106	105	67-150	1				
Ethylbenzene	ug/L	ND	20	20	22.4	22.2	112	111	68-143	1				
m&p-Xylene	ug/L	ND	40	40	43.5	43.1	109	108	53-157	1				
o-Xylene	ug/L	ND	20	20	22.0	21.4	110	107	68-143	3				
Toluene	ug/L	ND	20	20	21.1	21.6	106	108	47-157	2				
Xylene (Total)	ug/L	ND	60	60	65.6	64.5	109	107	66-145	2				
1,2-Dichloroethane-d4 (S)	%						100	96	70-130					
4-Bromofluorobenzene (S)	%						99	94	70-130					
Toluene-d8 (S)	%						95	94	70-130					

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Proj-002116

Pace Project No.: 92530030

QC Batch: 610045

QC Batch Method: EPA 8260D

Analysis Method: EPA 8260D

Analysis Description: 8260D MSV Low Level

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92530030013

METHOD BLANK: 3212705

Matrix: Water

Associated Lab Samples: 92530030013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	03/30/21 22:51	
Ethylbenzene	ug/L	ND	1.0	03/30/21 22:51	
m&p-Xylene	ug/L	ND	2.0	03/30/21 22:51	
o-Xylene	ug/L	ND	1.0	03/30/21 22:51	
Toluene	ug/L	ND	1.0	03/30/21 22:51	
Xylene (Total)	ug/L	ND	1.0	03/30/21 22:51	
1,2-Dichloroethane-d4 (S)	%	96	70-130	03/30/21 22:51	
4-Bromofluorobenzene (S)	%	97	70-130	03/30/21 22:51	
Toluene-d8 (S)	%	101	70-130	03/30/21 22:51	

LABORATORY CONTROL SAMPLE: 3212706

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	45.1	90	70-130	
Ethylbenzene	ug/L	50	44.5	89	70-130	
m&p-Xylene	ug/L	100	89.4	89	70-130	
o-Xylene	ug/L	50	45.6	91	70-130	
Toluene	ug/L	50	44.0	88	70-130	
Xylene (Total)	ug/L	150	135	90	70-130	
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: 3212707 3212708

Parameter	Units	92529683001 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	20.2	21.1	101	105	67-150	4	
Ethylbenzene	ug/L	ND	20	20	19.9	19.8	99	99	68-143	1	
m&p-Xylene	ug/L	ND	40	40	40.4	39.8	101	100	53-157	1	
o-Xylene	ug/L	ND	20	20	20.0	20.0	100	100	68-143	0	
Toluene	ug/L	ND	20	20	20.4	19.4	102	97	47-157	5	
Xylene (Total)	ug/L	ND	60	60	60.4	59.9	101	100	66-145	1	
1,2-Dichloroethane-d4 (S)	%						96	99	70-130		
4-Bromofluorobenzene (S)	%						95	104	70-130		
Toluene-d8 (S)	%						99	99	70-130		

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Proj-002116

Pace Project No.: 92530030

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Proj-002116

Pace Project No.: 92530030

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92530030001	21085-SW-1	EPA 5030B/8015C Mod.	610229		
92530030002	21085-SW-2	EPA 5030B/8015C Mod.	610229		
92530030003	21085-SW-3	EPA 5030B/8015C Mod.	610229		
92530030004	21085-SW-4	EPA 5030B/8015C Mod.	610229		
92530030005	21085-SW-5	EPA 5030B/8015C Mod.	610229		
92530030006	21085-SW-6	EPA 5030B/8015C Mod.	610229		
92530030007	21085-SW-7	EPA 5030B/8015C Mod.	610229		
92530030008	21085-SW-SEEP	EPA 5030B/8015C Mod.	610229		
92530030009	21085-SW-CONFLUENCE	EPA 5030B/8015C Mod.	610229		
92530030010	21085-SW-SEEP 2	EPA 5030B/8015C Mod.	610229		
92530030011	21085-SW-DUP	EPA 5030B/8015C Mod.	610229		
92530030012	21085-SW-CONFLUENCE 2	EPA 5030B/8015C Mod.	610229		
92530030001	21085-SW-1	EPA 8260D	610041		
92530030002	21085-SW-2	EPA 8260D	610041		
92530030003	21085-SW-3	EPA 8260D	610039		
92530030004	21085-SW-4	EPA 8260D	610039		
92530030005	21085-SW-5	EPA 8260D	610039		
92530030006	21085-SW-6	EPA 8260D	610039		
92530030007	21085-SW-7	EPA 8260D	610039		
92530030008	21085-SW-SEEP	EPA 8260D	610039		
92530030009	21085-SW-CONFLUENCE	EPA 8260D	610039		
92530030010	21085-SW-SEEP 2	EPA 8260D	610039		
92530030011	21085-SW-DUP	EPA 8260D	610039		
92530030012	21085-SW-CONFLUENCE 2	EPA 8260D	610039		
92530030013	21085-SW-TRIP BLANK	EPA 8260D	610045		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

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

Company: **Montrose - EPS**

Address: **400 Northridge Rd, Suite 400**

Report To: **Lee@montrose-env.com**

Copy To: **C+Cates@montrose-env.com**

Customer Project Name/Number: **PCQ1-002-116**

State: **NC** County/City: **Huntersville** Time Zone Collected: **ET**

Site/Facility ID #: **NC1Huntersville** Compliance Monitoring? **[] Yes [] No**

Phone: **(704) 315-9113** Purchase Order #: **---** DW PWS ID #: **---**

Collected By (signature): **Am Lee** Quote #: **---** DW Location Code: **---**

Sample Disposal: **Turnaround Date Required: [] Yes [] No**

[] Dispose as appropriate [] Return [] Archive: [] Hold: []

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res CI	# of Cms
21085-SW-1	SW	Grab	3/26/21	1700				6
21085-SW-2	SW	Grab	3/26/21	1805				6
21085-SW-3	SW	Grab	3/26/21	1715				6
21085-SW-4	SW	Grab	3/26/21	1815				6
21085-SW-5	SW	Grab	3/26/21	1835				6
21085-SW-6	SW	Grab	3/26/21	1850				6
21085-SW-7	SW	Grab	3/26/21	1900				6
21085-SW-see P	SW	Grab	3/26/21	1720				6
21085-SW-confluence SW	SW	Grab	3/26/21	1725				6
21085-SW-see P 2	SW	Grab	3/26/21	1730				6

Customer Remarks / Special Conditions / Possible Hazards: **SW = Surface Water**

Packing Material Used: **Wet Blue Dry None**

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

Relinquished by/Company: (Signature) **3/26/21/1940** Received by/Company: (Signature) **KM Tran-Place**

Relinquished by/Company: (Signature) **3/26/21** Received by/Company: (Signature) **3/26/21**

LAB USE
MO# : 92530030

Contains: 92530030

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:
Custody Seals Present / Intact: **Y N NA**
Custody Signatures Present: **Y N NA**
Collector Signatures Present: **Y N NA**
Bottles Intact: **Y N NA**
Correct Bottles: **Y N NA**
Sufficient Volume: **Y N NA**
Samples Received on Ice: **Y N NA**
VOA - Headspace Acceptable: **Y N NA**
USDA Regulated Soils: **Y N NA**
Residual Chlorine Present: **Y N NA**
C1 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: **92530030**

001	002	003	004	005	006	007	008	009	010
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Lab Sample Temperature Info:
Temp Blank Received: **21.06** N NA
Therm ID#: **2106**

Comments:
Cooler 1 Temp Upon Receipt: **8.4** OC
Cooler 1 Therm Corr. Factor: **0.4** OC
Cooler 1 Corrected Temp: **8.0** OC

Table #:
Accrual: **HCL MeOH**
Template: **TSP**
Prelogin: **Other**
Non Configuration(s): **YES NO** Page: **1** 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, LLHg

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

Project # **WO# : 92530030**

PM: NMG

Due Date: 04/05/21

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 2N Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-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																6													
2																6													
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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.

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

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

Project #

WO#: 92530030

Due Date: 04/05/21

PM: NMG

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)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1																2													
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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 12, 2021

Alex Testoff
Montrose Environmental Group, Inc.
400 Northridge Rd.
Suite 400
Atlanta, GA 30350

RE: Project: Colonial Northstone (4/7/21)
Pace Project No.: 92531844

Dear Alex Testoff:

Enclosed are the analytical results for sample(s) received by the laboratory on April 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 - 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
J Tate, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Colonial Northstone (4/7/21)

Pace Project No.: 92531844

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

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SAMPLE ANALYTE COUNT

Project: Colonial Northstone (4/7/21)

Pace Project No.: 92531844

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531844001	21097-SW-1	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92531844002	21097-SW-2	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92531844003	21097-SW-3	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92531844004	21097-SW-4	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92531844005	21097-SW-5	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92531844006	21097-SW-6	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92531844007	21097-SW-7	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92531844008	21097-SW-DUP	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92531844009	21097-SW-Confluence	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92531844010	21097-SW-Confluence 2	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92531844011	21097-SW-Seep	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92531844012	21097-SW-Seep 2	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92531844013	21097-Trip Blank	EPA 8260D	CL	9	PASI-C

PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: Colonial Northstone (4/7/21)

Pace Project No.: 92531844

Sample: 21097-SW-1		Lab ID: 92531844001		Collected: 04/07/21 14:05		Received: 04/07/21 15:30		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		04/10/21 13:54		
Surrogates									
4-Bromofluorobenzene (S)		83	%	70-130	1		04/10/21 13:54	460-00-4	
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene		ND	ug/L	1.0	1		04/08/21 01:59	71-43-2	
Ethylbenzene		ND	ug/L	1.0	1		04/08/21 01:59	100-41-4	
Toluene		ND	ug/L	1.0	1		04/08/21 01:59	108-88-3	
Xylene (Total)		ND	ug/L	1.0	1		04/08/21 01:59	1330-20-7	
m&p-Xylene		ND	ug/L	2.0	1		04/08/21 01:59	179601-23-1	
o-Xylene		ND	ug/L	1.0	1		04/08/21 01:59	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)		98	%	70-130	1		04/08/21 01:59	460-00-4	
1,2-Dichloroethane-d4 (S)		107	%	70-130	1		04/08/21 01:59	17060-07-0	
Toluene-d8 (S)		104	%	70-130	1		04/08/21 01:59	2037-26-5	

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ANALYTICAL RESULTS

Project: Colonial Northstone (4/7/21)

Pace Project No.: 92531844

Sample: 21097-SW-2		Lab ID: 92531844002		Collected: 04/07/21 13:50		Received: 04/07/21 15:30		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		04/10/21 14:51			
Surrogates									
4-Bromofluorobenzene (S)	85	%	70-130	1		04/10/21 14:51	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		04/08/21 02:17	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		04/08/21 02:17	100-41-4		
Toluene	ND	ug/L	1.0	1		04/08/21 02:17	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		04/08/21 02:17	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		04/08/21 02:17	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		04/08/21 02:17	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130	1		04/08/21 02:17	460-00-4		
1,2-Dichloroethane-d4 (S)	107	%	70-130	1		04/08/21 02:17	17060-07-0		
Toluene-d8 (S)	104	%	70-130	1		04/08/21 02:17	2037-26-5		

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ANALYTICAL RESULTS

Project: Colonial Northstone (4/7/21)

Pace Project No.: 92531844

Sample: 21097-SW-3		Lab ID: 92531844003		Collected: 04/07/21 13:40		Received: 04/07/21 15:30		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		04/10/21 15:19			
Surrogates									
4-Bromofluorobenzene (S)	82	%	70-130	1		04/10/21 15:19	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		04/08/21 02:35	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		04/08/21 02:35	100-41-4		
Toluene	ND	ug/L	1.0	1		04/08/21 02:35	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		04/08/21 02:35	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		04/08/21 02:35	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		04/08/21 02:35	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130	1		04/08/21 02:35	460-00-4		
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		04/08/21 02:35	17060-07-0		
Toluene-d8 (S)	104	%	70-130	1		04/08/21 02:35	2037-26-5		

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ANALYTICAL RESULTS

Project: Colonial Northstone (4/7/21)

Pace Project No.: 92531844

Sample: 21097-SW-4		Lab ID: 92531844004		Collected: 04/07/21 14:20		Received: 04/07/21 15:30		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		04/10/21 15:47			
Surrogates									
4-Bromofluorobenzene (S)	85	%	70-130	1		04/10/21 15:47	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		04/07/21 23:20	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		04/07/21 23:20	100-41-4		
Toluene	ND	ug/L	1.0	1		04/07/21 23:20	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		04/07/21 23:20	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		04/07/21 23:20	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		04/07/21 23:20	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130	1		04/07/21 23:20	460-00-4		
1,2-Dichloroethane-d4 (S)	114	%	70-130	1		04/07/21 23:20	17060-07-0		
Toluene-d8 (S)	105	%	70-130	1		04/07/21 23:20	2037-26-5		

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ANALYTICAL RESULTS

Project: Colonial Northstone (4/7/21)

Pace Project No.: 92531844

Sample: 21097-SW-5		Lab ID: 92531844005		Collected: 04/07/21 14:35		Received: 04/07/21 15:30		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		04/10/21 16:15			
Surrogates									
4-Bromofluorobenzene (S)	83	%	70-130	1		04/10/21 16:15	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		04/07/21 23:37	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		04/07/21 23:37	100-41-4		
Toluene	ND	ug/L	1.0	1		04/07/21 23:37	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		04/07/21 23:37	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		04/07/21 23:37	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		04/07/21 23:37	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130	1		04/07/21 23:37	460-00-4		
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		04/07/21 23:37	17060-07-0		
Toluene-d8 (S)	105	%	70-130	1		04/07/21 23:37	2037-26-5		

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ANALYTICAL RESULTS

Project: Colonial Northstone (4/7/21)

Pace Project No.: 92531844

Sample: 21097-SW-6		Lab ID: 92531844006		Collected: 04/07/21 14:40		Received: 04/07/21 15:30		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		04/10/21 16:43			
Surrogates									
4-Bromofluorobenzene (S)	82	%	70-130	1		04/10/21 16:43	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		04/07/21 23:55	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		04/07/21 23:55	100-41-4		
Toluene	ND	ug/L	1.0	1		04/07/21 23:55	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		04/07/21 23:55	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		04/07/21 23:55	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		04/07/21 23:55	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130	1		04/07/21 23:55	460-00-4		
1,2-Dichloroethane-d4 (S)	113	%	70-130	1		04/07/21 23:55	17060-07-0		
Toluene-d8 (S)	106	%	70-130	1		04/07/21 23:55	2037-26-5		

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ANALYTICAL RESULTS

Project: Colonial Northstone (4/7/21)

Pace Project No.: 92531844

Sample: 21097-SW-7		Lab ID: 92531844007		Collected: 04/07/21 15:00		Received: 04/07/21 15:30		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		04/10/21 17:11			
Surrogates									
4-Bromofluorobenzene (S)	85	%	70-130	1		04/10/21 17:11	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		04/08/21 01:42	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		04/08/21 01:42	100-41-4		
Toluene	ND	ug/L	1.0	1		04/08/21 01:42	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		04/08/21 01:42	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		04/08/21 01:42	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		04/08/21 01:42	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130	1		04/08/21 01:42	460-00-4		
1,2-Dichloroethane-d4 (S)	109	%	70-130	1		04/08/21 01:42	17060-07-0		
Toluene-d8 (S)	105	%	70-130	1		04/08/21 01:42	2037-26-5		

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ANALYTICAL RESULTS

Project: Colonial Northstone (4/7/21)

Pace Project No.: 92531844

Sample: 21097-SW-DUP		Lab ID: 92531844008		Collected: 04/07/21 12:00		Received: 04/07/21 15:30		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		04/10/21 17:39			
Surrogates									
4-Bromofluorobenzene (S)	84	%	70-130	1		04/10/21 17:39	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		04/08/21 01:24	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		04/08/21 01:24	100-41-4		
Toluene	ND	ug/L	1.0	1		04/08/21 01:24	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		04/08/21 01:24	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		04/08/21 01:24	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		04/08/21 01:24	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130	1		04/08/21 01:24	460-00-4		
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		04/08/21 01:24	17060-07-0		
Toluene-d8 (S)	105	%	70-130	1		04/08/21 01:24	2037-26-5		

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ANALYTICAL RESULTS

Project: Colonial Northstone (4/7/21)

Pace Project No.: 92531844

Sample: 21097-SW-Confluence		Lab ID: 92531844009		Collected: 04/07/21 13:10		Received: 04/07/21 15:30		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		04/10/21 18:07			
Surrogates									
4-Bromofluorobenzene (S)	83	%	70-130	1		04/10/21 18:07	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		04/08/21 00:49	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		04/08/21 00:49	100-41-4		
Toluene	ND	ug/L	1.0	1		04/08/21 00:49	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		04/08/21 00:49	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		04/08/21 00:49	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		04/08/21 00:49	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130	1		04/08/21 00:49	460-00-4		
1,2-Dichloroethane-d4 (S)	112	%	70-130	1		04/08/21 00:49	17060-07-0		
Toluene-d8 (S)	105	%	70-130	1		04/08/21 00:49	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Colonial Northstone (4/7/21)

Pace Project No.: 92531844

Sample: 21097-SW-Confluence 2		Lab ID: 92531844010		Collected: 04/07/21 13:15		Received: 04/07/21 15:30		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		04/10/21 18:35			
Surrogates									
4-Bromofluorobenzene (S)	82	%	70-130	1		04/10/21 18:35	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		04/08/21 01:06	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		04/08/21 01:06	100-41-4		
Toluene	ND	ug/L	1.0	1		04/08/21 01:06	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		04/08/21 01:06	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		04/08/21 01:06	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		04/08/21 01:06	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130	1		04/08/21 01:06	460-00-4		
1,2-Dichloroethane-d4 (S)	112	%	70-130	1		04/08/21 01:06	17060-07-0		
Toluene-d8 (S)	105	%	70-130	1		04/08/21 01:06	2037-26-5		

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ANALYTICAL RESULTS

Project: Colonial Northstone (4/7/21)

Pace Project No.: 92531844

Sample: 21097-SW-Seep		Lab ID: 92531844011		Collected: 04/07/21 13:00		Received: 04/07/21 15:30		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		04/10/21 19:03			
Surrogates									
4-Bromofluorobenzene (S)	85	%	70-130	1		04/10/21 19:03	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		04/08/21 00:13	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		04/08/21 00:13	100-41-4		
Toluene	ND	ug/L	1.0	1		04/08/21 00:13	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		04/08/21 00:13	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		04/08/21 00:13	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		04/08/21 00:13	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130	1		04/08/21 00:13	460-00-4		
1,2-Dichloroethane-d4 (S)	112	%	70-130	1		04/08/21 00:13	17060-07-0		
Toluene-d8 (S)	106	%	70-130	1		04/08/21 00:13	2037-26-5		

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ANALYTICAL RESULTS

Project: Colonial Northstone (4/7/21)

Pace Project No.: 92531844

Sample: 21097-SW-Seep 2		Lab ID: 92531844012		Collected: 04/07/21 13:05		Received: 04/07/21 15:30		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		04/10/21 19:31			
Surrogates									
4-Bromofluorobenzene (S)	83	%	70-130	1		04/10/21 19:31	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		04/08/21 00:31	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		04/08/21 00:31	100-41-4		
Toluene	ND	ug/L	1.0	1		04/08/21 00:31	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		04/08/21 00:31	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		04/08/21 00:31	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		04/08/21 00:31	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130	1		04/08/21 00:31	460-00-4		
1,2-Dichloroethane-d4 (S)	111	%	70-130	1		04/08/21 00:31	17060-07-0		
Toluene-d8 (S)	105	%	70-130	1		04/08/21 00:31	2037-26-5		

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ANALYTICAL RESULTS

Project: Colonial Northstone (4/7/21)

Pace Project No.: 92531844

Sample: 21097-Trip Blank		Lab ID: 92531844013		Collected: 04/07/21 00:00		Received: 04/07/21 15:30		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		04/07/21 22:09	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		04/07/21 22:09	100-41-4		
Toluene	ND	ug/L	1.0	1		04/07/21 22:09	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		04/07/21 22:09	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		04/07/21 22:09	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		04/07/21 22:09	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130	1		04/07/21 22:09	460-00-4		
1,2-Dichloroethane-d4 (S)	109	%	70-130	1		04/07/21 22:09	17060-07-0		
Toluene-d8 (S)	105	%	70-130	1		04/07/21 22:09	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Colonial Northstone (4/7/21)

Pace Project No.: 92531844

QC Batch:	612917	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:	92531844001, 92531844002, 92531844003, 92531844004, 92531844005, 92531844006, 92531844007, 92531844008, 92531844009, 92531844010, 92531844011, 92531844012		

METHOD BLANK:	3226241	Matrix:	Water
Associated Lab Samples:	92531844001, 92531844002, 92531844003, 92531844004, 92531844005, 92531844006, 92531844007, 92531844008, 92531844009, 92531844010, 92531844011, 92531844012		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	0.080	04/10/21 12:58	
4-Bromofluorobenzene (S)	%	79	70-130	04/10/21 12:58	

LABORATORY CONTROL SAMPLE:	3226242
----------------------------	---------

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gas Range Organics (C6-C10)	mg/L	1	0.98	98	70-130	
4-Bromofluorobenzene (S)	%			85	70-130	

MATRIX SPIKE SAMPLE:	3226244
----------------------	---------

Parameter	Units	92531844002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	1	0.82	81	68-145	
4-Bromofluorobenzene (S)	%				83	70-130	

SAMPLE DUPLICATE:	3226243
-------------------	---------

Parameter	Units	92531844001 Result	Dup Result	RPD	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	ND		
4-Bromofluorobenzene (S)	%	83	83		

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

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QUALITY CONTROL DATA

Project: Colonial Northstone (4/7/21)

Pace Project No.: 92531844

QC Batch:	612198	Analysis Method:	EPA 8260D
QC Batch Method:	EPA 8260D	Analysis Description:	8260D MSV Low Level
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92531844001, 92531844002, 92531844003, 92531844004, 92531844005, 92531844006, 92531844007, 92531844008, 92531844009, 92531844010, 92531844011, 92531844012, 92531844013		

METHOD BLANK: 3222677

Matrix: Water

Associated Lab Samples: 92531844001, 92531844002, 92531844003, 92531844004, 92531844005, 92531844006, 92531844007, 92531844008, 92531844009, 92531844010, 92531844011, 92531844012, 92531844013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	04/07/21 21:34	
Ethylbenzene	ug/L	ND	1.0	04/07/21 21:34	
m&p-Xylene	ug/L	ND	2.0	04/07/21 21:34	
o-Xylene	ug/L	ND	1.0	04/07/21 21:34	
Toluene	ug/L	ND	1.0	04/07/21 21:34	
Xylene (Total)	ug/L	ND	1.0	04/07/21 21:34	
1,2-Dichloroethane-d4 (S)	%	110	70-130	04/07/21 21:34	
4-Bromofluorobenzene (S)	%	98	70-130	04/07/21 21:34	
Toluene-d8 (S)	%	104	70-130	04/07/21 21:34	

LABORATORY CONTROL SAMPLE: 3222678

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	56.6	113	70-130	
Ethylbenzene	ug/L	50	57.0	114	70-130	
m&p-Xylene	ug/L	100	114	114	70-130	
o-Xylene	ug/L	50	56.4	113	70-130	
Toluene	ug/L	50	54.0	108	70-130	
Xylene (Total)	ug/L	150	170	114	70-130	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3222679 3222680

Parameter	Units	92531783002 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	24.7	21.8	124	109	67-150	13	
Ethylbenzene	ug/L	ND	20	20	24.3	21.6	122	108	68-143	12	
m&p-Xylene	ug/L	ND	40	40	47.9	41.9	120	105	53-157	13	
o-Xylene	ug/L	ND	20	20	23.8	21.6	119	108	68-143	10	
Toluene	ug/L	ND	20	20	24.1	21.4	121	107	47-157	12	
Xylene (Total)	ug/L	ND	60	60	71.8	63.5	120	106	66-145	12	
1,2-Dichloroethane-d4 (S)	%						97	100	70-130		
4-Bromofluorobenzene (S)	%						102	100	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.

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QUALIFIERS

Project: Colonial Northstone (4/7/21)

Pace Project No.: 92531844

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Colonial Northstone (4/7/21)

Pace Project No.: 92531844

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531844001	21097-SW-1	EPA 5030B/8015C Mod.	612917		
92531844002	21097-SW-2	EPA 5030B/8015C Mod.	612917		
92531844003	21097-SW-3	EPA 5030B/8015C Mod.	612917		
92531844004	21097-SW-4	EPA 5030B/8015C Mod.	612917		
92531844005	21097-SW-5	EPA 5030B/8015C Mod.	612917		
92531844006	21097-SW-6	EPA 5030B/8015C Mod.	612917		
92531844007	21097-SW-7	EPA 5030B/8015C Mod.	612917		
92531844008	21097-SW-DUP	EPA 5030B/8015C Mod.	612917		
92531844009	21097-SW-Confluence	EPA 5030B/8015C Mod.	612917		
92531844010	21097-SW-Confluence 2	EPA 5030B/8015C Mod.	612917		
92531844011	21097-SW-Seep	EPA 5030B/8015C Mod.	612917		
92531844012	21097-SW-Seep 2	EPA 5030B/8015C Mod.	612917		
92531844001	21097-SW-1	EPA 8260D	612198		
92531844002	21097-SW-2	EPA 8260D	612198		
92531844003	21097-SW-3	EPA 8260D	612198		
92531844004	21097-SW-4	EPA 8260D	612198		
92531844005	21097-SW-5	EPA 8260D	612198		
92531844006	21097-SW-6	EPA 8260D	612198		
92531844007	21097-SW-7	EPA 8260D	612198		
92531844008	21097-SW-DUP	EPA 8260D	612198		
92531844009	21097-SW-Confluence	EPA 8260D	612198		
92531844010	21097-SW-Confluence 2	EPA 8260D	612198		
92531844011	21097-SW-Seep	EPA 8260D	612198		
92531844012	21097-SW-Seep 2	EPA 8260D	612198		
92531844013	21097-Trip Blank	EPA 8260D	612198		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

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

Company: **Montrose** Billing Information: **400 Montrose Rd, Suite 400**
400 Montrose Rd, Suite 400
San Diego Springs, GA 30350

Address: **400 Montrose Rd, Suite 400**
San Diego Springs, GA 30350

Report To: **Cle@montrose-env.com** Email To: **gates@montrose-env.com**
gates@montrose-env.com

Customer Project Name/Number: **Proj - 002116** State: **NC** County/City: **Huntsville** Time Zone Collected: **ET**

Phone: **704-211-6000** Site/Facility ID #: **1** Compliance Monitoring? **[] Yes [] No**

Collected By (print): **Cole Gates** Purchase Order #: **1** DW PWS ID #: **1** DW Location Code: **1**

Collected By (signature): **Cole Gates** Turnaround Date Required: **1** Immediately Packed on Ice: **[] Yes [] No**

Sample Disposal: **[] Same Day [] Next Day [] 2 Day [] 3 Day [] 4 Day [] 5 Day** Field Filtered (if applicable): **[] Yes [] No**

[] Archive: [] Hold: Analysis: **BTX TPH - GRO**

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res CI	# of Cns
21097-SU-1	SU	G	4/17/21	1405				6
21097-SU-2	SU	G	4/17/21	1350				6
21097-SU-3	SU	G	4/17/21	1340				6
21097-SU-4	SU	G	4/17/21	1420				6
21097-SU-5	SU	G	4/17/21	1435				6
21097-SU-6	SU	G	4/17/21	1440				6
21097-SU-7	SU	G	4/17/21	1500				6
21097-SU-8	SU	G	4/17/21	1200				6
21097-SU-9	SU	G	4/17/21	1310				6
21097-SU-10	SU	G	4/17/21	1315				6

Customer Remarks / Special Conditions / Possible Hazards: **SU = Surface Water**

G = Grab

Relinquished by/Company: (Signature) **Cole Gates** Date/Time: **4/17/21 1530**

Relinquished by/Company: (Signature) **Montrose** Date/Time: **4-17-21 15:30**

Relinquished by/Company: (Signature) **Montrose** Date/Time: **4-17-21 15:30**

Relinquished by/Company: (Signature) **Montrose** Date/Time: **4-17-21 15:30**

Relinquished by/Company: (Signature) **Montrose** Date/Time: **4-17-21 15:30**

MO# : 92531844

92531844

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:

Custody Seals Present/Intact **[X] NA**
 Custody Signatures Present **[X] NA**
 Collector Signatures Present **[X] NA**
 Bottles Intact **[X] NA**
 Correct Bottles **[X] NA**
 Sufficient Volume **[X] NA**
 Samples Received on Ice **[X] NA**
 VOA - Headspace Acceptable **[X] NA**
 USDA Regulated Soils **[X] NA**
 Residual Chlorine Present **[X] NA**
 CI Strips: **[X] NA**
 Sample pH Acceptable **[X] NA**
 pH Strips: **[X] NA**
 Sulfide Present **[X] NA**
 Lead Acetate Strips: **[X] NA**

LAB USE ONLY:
 Lab Sample # / Comments:

92531844

001	002	003	004	005	006	007	008	009	010
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Lab Sample Temperature Info: **Temp Blank Received: 17.9 °C**
Therm ID#: 121064
Cooler 1 Temp Upon Receipt: 17.9 °C
Cooler 1 Therm Corr. Factor: 0.0 °C
Cooler 1 Corrected Temp: 17.9 °C

Lab Tracking #: **2615945**

Samples received via: **FEDEX UPS** (Client) Courier: **Pace Courier**

Table #: **MTIL LAB USE ONLY**

Acctum: **Template: Prelogin: PM: PB:**

Acctum: **Template: Prelogin: PM: PB:**

Acctum: **Template: Prelogin: PM: PB:**

Acctum: **Template: Prelogin: PM: PB:**

APPENDIX B
BORING LOGS AND GW-1 FORMS



Apex Companies

BORING NUMBER AS-08

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC
DATE/TIME STARTED 11/22/2020 **COMPLETED** 11/22/2020 **GROUND ELEVATION** 724.25 ft **TOP OF CASING** 724.25 ft
DRILLING CONTRACTOR **EQUIPMENT**
DRILLER **GROUND WATER LEVELS AND TIME:**
LOGGED BY Bill Jones **BOREHOLE DIAMETER** 2 in. **DURING DRILLING** ---
METHOD **AFTER DRILLING** 40.75 ft / Elev 683.50 ft

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 2
10				SANDY LEAN CLAY, (CL) red	Well install initially named AS-03 but later completed as AS-08	
				SANDY LEAN CLAY, (CL) brown		Sch 40 PVC casing
				SANDY LEAN CLAY, (CL) brown		grout
20				SANDY LEAN CLAY, (CL) gray		
				SANDY LEAN CLAY, (CL) gray		
30				WELL GRADED GRAVEL, (GW) gray	696.3	
				CLAYEY GRAVEL, (GW-GC) tan gray, moist		
40				CLAYEY GRAVEL, (SW-SC) gray, moist	686.8	bentonite
				CLAYEY GRAVEL, (SW-SC) gray, moist		
				WELL GRADED GRAVEL, (GW) gray, dry		silica sand #2
				SANDY LEAN CLAY, (CL) gray, moist		Sch 40 PVC 0.010 slotted screen
50				Bottom of borehole at 50.0 feet.		

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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: 12-8-20 Well ID# AS-08

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)

35.412517 N -80.805756 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: 41 (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. 39	ft. 2	in. sch40	pvc
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
39	ft. 41	ft. 2	in. .010	sch40	pvc
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0	ft. 34	ft. Portland Cem	Tremie
34	ft. 37	ft. Bentonite Chi	Tremie
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
37	ft. 41	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: [Signature] 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 AS-12CLIENT Colonial PipelinePROJECT NAME 2020-L1-SR2448PROJECT NUMBER CPC21018PROJECT LOCATION Huntersville, NCDATE/TIME STARTED 12/14/2020 COMPLETED 12/15/2020GROUND ELEVATION 731.85 ft TOP OF CASING 731.78 ft

DRILLING CONTRACTOR _____

EQUIPMENT _____

DRILLER _____

GROUND WATER LEVELS AND TIME:

LOGGED BY Bill JonesBOREHOLE DIAMETER 2 in.DURING DRILLING 40.00 ft / Elev 691.85 ft

METHOD _____

AFTER DRILLING ---

CPC HUNTERSVILLE BH MW - GINT STD US LAB.GDT - 4/21/21 19:46 - P:\SHARE\GINT\BENTLEY\PROJECTS\OPEC HUNTERSVILLE.GPJ

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

Type S Cement
Sch 40 PVC casing

Bentonite

GP-1 sand
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: 12-12-20 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: [Signature] 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 MW-65

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC
DATE/TIME STARTED 12/22/2020 **COMPLETED** 12/22/2020 **GROUND ELEVATION** 714.46 ft **TOP OF CASING** 714.46 ft
DRILLING CONTRACTOR Parratt-Wolff **EQUIPMENT**
DRILLER
LOGGED BY Kyle Zigler **BOREHOLE DIAMETER** 8.25 in. **GROUND WATER LEVELS AND TIME:**
METHOD Hollow Stem Auger 8.25" & 2" Spoons **DURING DRILLING** 30.00 ft / Elev 684.46 ft
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 2
5						
10						
15						grout 2-in. Sch 40 PVC casing
20						
25						bentonite
30						
35						silica sand #2 2-in. Sch 40 PVC 0.010 slotted screen
40						

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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: 12-21-20 Well ID# PMW-65

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)

35.412748 N -80.803857 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: 40 (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 " "

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
37 ft.	40 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.	21 ft.	Portland Cem	Tremie
21 ft.	23 ft.	Bentonite Chi	Tremie
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
23 ft.	40 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: [Signature] 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-66

CLIENT	Colonial Pipeline	PROJECT NAME	2020-L1-SR2448
PROJECT NUMBER	CPC21018	PROJECT LOCATION	Huntersville, NC
DATE/TIME STARTED	12/22/2020	COMPLETED	12/22/2020
GROUND ELEVATION	731.48 ft	TOP OF CASING	731.43 ft
DRILLING CONTRACTOR	Parratt-Wolff	EQUIPMENT	
DRILLER		GROUND WATER LEVELS AND TIME:	
LOGGED BY	Matt Fraioli	BOREHOLE DIAMETER	8.25 in.
DURING DRILLING	---	AFTER DRILLING	---
METHOD	Hollow Stem Auger 8.25" & 2" Spoons		

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 2
10						
20						grout 2-in. Sch 40 PVC casing
30						bentonite
40						silica sand #2 2-in. Sch 40 PVC 0.010 slotted screen
50						

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: 12-23-20 Well ID# MW-66

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)

35.413549 N -80.804759 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: 54 (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 "-"

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
37 ft.	54 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.	34 ft.	2 in.	sch40	pvc
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
34 ft.	54 ft.	2 in.	.010	sch40	pvc
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	29 ft.	Portland Cem	Tremie
29 ft.	31 ft.	Bentonite Chi	Tremie
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
31 ft.	54 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: [Signature] 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-68

CLIENT	Colonial Pipeline	PROJECT NAME	2020-L1-SR2448
PROJECT NUMBER	CPC21018	PROJECT LOCATION	Huntersville, NC
DATE/TIME STARTED	12/23/2020	COMPLETED	12/23/2020
GROUND ELEVATION	731.94 ft	TOP OF CASING	731.84 ft
DRILLING CONTRACTOR	Parratt-Wolff	EQUIPMENT	
DRILLER		GROUND WATER LEVELS AND TIME:	
LOGGED BY	Kyle Zigler	BOREHOLE DIAMETER	8.25 in.
DURING DRILLING	---	AFTER DRILLING	---
METHOD	Hollow Stem Auger 8.25" & 2" Spoons		

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						
10						
20						
30						
40						
50						

grout
-in. Sch 40 PVC
casing

bentonite

silica sand #2
-in. Sch 40 PVC
0.010 slotted
screen

CPC_HUNTERSVILLE_BH_MW - GINT STD US LAB.GDT - 4/21/21 19:58 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\IOPC_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: 12-23-20 Well ID# MW-68

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)

35.413056 N -80.805275 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: 37 (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
37 ft.	50 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.	50 ft.	2 in.	.010	sch40	pvc
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	31 ft.	Portland Cem	Tremie
31 ft.	33 ft.	Bentonite Chi	Tremie
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
33 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

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-72

CLIENT Colonial Pipeline

PROJECT NAME 2020-L1-SR2448

PROJECT NUMBER CPC21018

PROJECT LOCATION Huntersville, NC

DATE/TIME STARTED 1/7/2021

COMPLETED 1/9/2021

GROUND ELEVATION 731.04 ft TOP OF CASING 734.81 ft

DRILLING CONTRACTOR Parratt-Wolff

EQUIPMENT

DRILLER Malcom Philips

GROUND WATER LEVELS AND TIME:

LOGGED BY Kyle Prock

BOREHOLE DIAMETER 6 in.

DURING DRILLING 44.00 ft / Elev 687.04 ft

METHOD Hollow Stem Auger 8.25" & 2" Spoons

AFTER DRILLING 45.43 ft / Elev 685.61 ft

CPC HUNTERSVILLE BH MW - GINT STD US LAB.GDT - 4/21/21 19:59 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\OPC HUNTERSVILLE.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						
	SS 1	PID = 0.9		GRAVELLY LEAN CLAY, (CL) red 10R 4/8		729.0 grout
	SS 2	PID = 0.2		SILTY SAND, (SM) red 10R 4/8		Sch 40 PVC casing
10	SS 3	PID = 1.1		SILTY SAND, (SM) yellow red 2.5YR 5/8		724.0
	SS 4	PID = 0.1		SILTY SAND, (SM) yellow red 5YR 5/8		719.0
	SS 5	PID = 0.4		SILTY SAND, (SM) yellow red 7.5YR 4/4		714.0
20	SS 6	PID = 0.1		SILTY SAND, (SM) yellow red 7.5YR 5/6		709.0
	SS 7	PID = 0.3		POORLY GRADED SAND WITH SILT, (SP-SM) yellow red 10YR 5/4		704.0
	SS 8	PID = 0.2		POORLY GRADED SAND WITH SILT, (SP-SM) yellow red 10YR 3/2		699.0
30	SS 9	PID = 5.1		POORLY GRADED SAND WITH SILT, (SP-SM) yellow red 10YR 3/2		694.0
	SS 10	PID = 0.9		POORLY GRADED SAND WITH SILT, (SP-SM) yellow red 10YR 3/1		689.0
40	SS 11	PID = 0.2				684.0 silica sand #2
50						Sch 40 PVC 0.010 slotted screen
						679.0
				Bottom of borehole at 54.0 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: 1/9/21 Well ID# MW-72

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)

35.414969 N -80.804731 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: 54 (ft.)
For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: 51 (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
52 ft.	54 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.	40 ft.	2 in.	sch40	pvc
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
39 ft.	54 ft.	2 in.	.010	sch40	pvc
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	32 ft.	Portland Cem	Tremie
32 ft.	34 ft.	Bentonite Chi	Tremie
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
36 ft.	54 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: Kan E. W. Date: 2-1-21

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 RW-52

CLIENT	Colonial Pipeline	PROJECT NAME	2020-L1-SR2448
PROJECT NUMBER	CPC21018	PROJECT LOCATION	Huntersville, NC
DATE/TIME STARTED	1/18/2021	COMPLETED	1/19/2021
GROUND ELEVATION	727.93 ft	TOP OF CASING	726.96 ft
DRILLING CONTRACTOR	Parratt-Wolff	EQUIPMENT	
DRILLER		GROUND WATER LEVELS AND TIME:	
LOGGED BY	Naoimi Fretz / Kyle Proc	DURING DRILLING	---
BOREHOLE DIAMETER	8 in.	AFTER DRILLING	---
METHOD	Hollow Stem Auger 6 5/8 & 2" Spoons		

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						
5						
10						
15						
20						
25						
30						
35						

CPC_HUNTERSVILLE_BH_MW - GINT STD US LAB.GDT - 4/21/21 20:11 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\OPC_HUNTERSVILLE.GPJ

grout
Sch 40 PVC casing

bentonite

silica sand #2
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: 1-19-21 Well ID# RW-52

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)

35.413242 N -80.806018 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: 35 (ft.)
If water level is above casing, use " "

11. Borehole diameter: 8 (in.)

12. Well construction method: 6 5/8 HSA and 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
35 ft.	38 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.	23 ft.	4 in.	sch40	pvc
ft.	ft.	in.		

17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
23 ft.	38 ft.	4 in.	.010	sch40	pvc
ft.	ft.	in.			

18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	17 ft.	Portland Cem	Tremie
17 ft.	20 ft.	Bentonite Chi	Tremie
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
20 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

22. Certification:

Signature of Certified Well Contractor: [Signature] Date: 2-1-21

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.

APPENDIX C
GROUNDWATER SAMPLING LOGS

GROUNDWATER SAMPLING LOG											
SITE NAME: 2020-L1-2448 Incident		SITE LOCATION: Huntersville, NC		PROJECT NUMBER: 60639876			WELL NAME: MW-7		DATE: 04.08.21		
WELL DIAMETER (inches): 4		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 20 feet to 35 feet			DEPTH TO WATER (feet): 29.16		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: 1030			PURGING ENDED AT: 1200			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	--	--
1035	0	0.05	29.17	17.4	6.06	139.9	6.12	234.9	>1100	Light brown	None
1035	0.25		29.19	17.6	5.76	140.1	6.16	230.5	>1100		
1040	0.5		29.20	17.7	5.13	140.3	6.18	225.2	>1100		
1045	0.75			17.1	5.12	140.5	6.18	224.0	984.6		
1050	1			18.2	5.10	140.8	6.18	221.8	766.1		
1055	2.25			18.5	4.87	141.9	6.19	220.7	504.9		
1100	2.5			18.6	4.55	142.1	6.19	220.0	416.4		
1105	2.75			18.6	4.59	141.2	6.18	220.5	351.7		
1110	2			18.6	4.64	140.7	6.17	221.1	314.9		
1115	2.25		29.21	18.6	4.78	139.8	6.16	221.7	269.8		
1120	2.5		29.21	18.2	5.25	137.4	6.11	221.3	245.7		
1125	2.75		29.22	18.3	5.01	138.2	6.14	221.7	207.0		
1130	3.0		29.23	18.5	4.72	138.8	6.15	222.0	181.6	Clear	
1135	3.25		29.24	18.6	4.47	139.0	6.16	222.4	120.5		
1140	3.5		29.24	18.6	4.47	138.8	6.15	222.1	67.92		
1145	3.75		29.24	18.7	4.50	139.1	6.15	221.9	50.7		
1150	4.0		29.25	18.7	4.52	139.2	6.15	221.3	22.1		
1155	4.5		29.25	18.8	4.49	139.7	6.16	221.3	24.0		
1200	5.0		29.25	18.9	4.44	140.0	6.16	221.3	23.6		
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: LT / AECOM				SAMPLER(S) SIGNATURE(S): 				SAMPLE TIME: 1200			
PUMP OR TUBING DEPTH IN WELL (feet): 32				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-7	4	AG	40 mL	HCL	40 mL x 4	6.16	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-12		DATE: 04/08/2021			
WELL DIAMETER (inches):		TUBING DIAMETER (inches): 3/4		WELL SCREEN INTERVAL DEPTH: feet to feet		DEPTH TO WATER (feet): 31.52		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): 37		PURGING INITIATED AT: 1520		PURGING ENDED AT: 1600		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	--	--
1520	0.00	0.1	32.87	17.0	8.71	184.6	5.24	326.5	52.42	Clear	None
1525	0.5		33.04	17.2	7.87	184.4	5.29	290.3	53.39		
1530	1.0		33.20	17.5	7.00	185.1	5.65	176.5	62.60		
1535	1.5		33.48	17.4	6.97	186.4	5.76	161.7	48.40		
1540	2.0		33.60	17.3	6.93	186.9	5.87	148.0	44.48		
1545	2.5		33.66	17.4	6.66	186.6	5.83	148.7	33.73		
1550	3.0		33.67	17.6	6.37	187.3	5.91	143.1	33.07		
1555	3.5		33.65	17.6	6.56	187.0	5.92	141.3	31.41		
1600	4.0		33.66	17.5	6.59	186.7	5.96	137.9	29.95		
AG											
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88											
SAMPLING DATA											
SAMPLED BY (PRINT) / AFFILIATION: Andrew O'Malia / AECOM			SAMPLER(S) SIGNATURE(S): [Signature]				SAMPLE TIME: 1605				
PUMP OR TUBING DEPTH IN WELL (feet): 37			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-12	4	AG	40 mL	HCL	40 mL x 4	5.96	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: No well tag											
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: 4/7/21			
WELL DIAMETER (inches): 4		TUBING DIAMETER (inches): 3/8		WELL SCREEN INTERVAL DEPTH: feet to 51.80 feet		DEPTH TO WATER (feet): 33.23		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)											
12.07 = (51.80 feet - 33.23 feet) X 0.65 gallons/foot = 12.07 gallons											
PUMP DEPTH IN WELL (feet): 40		PURGING INITIATED AT: 0850		PURGING ENDED AT: 0935		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	--	--
0855	0.5	0.1	34.21	17.7	5.77	118.6	6.03	161.9	41.84	clear	none
0900	1.5	0.2	35.11	17.8	5.31	119.2	6.10	153.7	41.97		
0905	2.25	0.15	35.72	17.9	5.15	119.5	6.14	140.3	30.54		
0910	3.00	0.15	36.09	17.9	5.06	119.7	6.12	114.8	21.82		
0915	3.50	0.1	36.32	18.1	2.35	120.3	6.11	111.2	19.23		
0920	4.00	0.1	36.65	18.2	2.34	120.6	6.12	111.5	15.65		
0925	4.50	0.1	36.65	18.2	2.38	120.4	6.13	116.7	10.58		
0930	5.25	0.15	36.66	18.2	2.31	120.3	6.13	119.0	10.59		
0935	6.00	0.15	36.66	18.2	2.39	120.1	6.12	121.9	10.61		
MOK 4/7/21											
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 deKozlowski / AECOM			SAMPLER(S) SIGNATURE(S): Mike deKozlowski				SAMPLE TIME: 0945				
PUMP OR TUBING DEPTH IN WELL (feet): 40			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-16	4	AG	40 mL	HCL	40 mL x 4	6.12	6200		ESP		0.15
1	3	AG	40 mL	HCL	40 mL x 3	1	VPH		1		1
1	1	PE	250 mL	HNO3	250 mL	1	Lead by 6010		1		1
REMARKS: DUP-1-20210407 collected * YSI got knocked over and set back upright											
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: 04.09.21		
WELL DIAMETER (inches): 4		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 20 feet to 35 feet			DEPTH TO WATER (feet): 27.37		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: 0955			PURGING ENDED AT: 1120			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	--	--
1000	0	0.05	27.38	17.1	7.17	154.4	6.03	188.2	81.80	clear	None
1005	0.25		27.39	17.5	5.92	145.1	6.18	165.1	72.28		
1010	0.5		27.40	18.2	5.11	148.7	6.18	165.9	65.15		
1015	0.75		27.40	19.0	4.88	150.5	6.20	166.3	60.17		
1020	1		27.40	19.1	6.55	150.0	6.19	157.7	52.67		
1025	2.25		27.41	19.2	8.45	149.2	6.19	148.3	45.78		
1030	2.5			18.2	8.51	147.7	6.19	146.1	40.22		
1035	2.75			17.9	8.62	146.6	6.18	142.1	32.19		
1040	2			18.1	8.57	147.0	6.19	137.7	26.16		
1045	2.25			18.3	8.52	147.9	6.20	131.0	19.77		
1050	2.5			18.3	8.50	147.7	6.20	128.9	15.91		
1055	2.75			18.4	8.41	147.6	6.20	120.7	12.21		
1100	3.0			18.4	8.38	147.6	6.20	115.2	9.79		
1105	3.25			18.5	8.27	147.8	6.20	110.7	7.21		
1110	3.5			18.6	8.20	147.9	6.20	106.2	5.89		
1115	3.75			18.7	8.16	147.9	6.20	99.8	4.91		
1120	4.0			18.7	8.14	148.0	6.20	96.4	3.92		
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: LT / AECOM				SAMPLER(S) SIGNATURE(S): 				SAMPLE TIME: 1120			
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-30	4	AG	40 mL	HCL	40 mL x 4	6.70	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-36		DATE: 04/07/2021	
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/8		WELL SCREEN INTERVAL DEPTH: 27 feet to 42 feet		DEPTH TO WATER (feet): 22.24		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): 33	PURGING INITIATED AT: 1400	PURGING ENDED AT: 1510	TOTAL VOLUME PURGED (gallons): 9.0
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TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1400	0.00	0.10	23.10	17.2	9.11	190.2	5.95	365.6	809.2	Cloudy white	None
1405	0.5		23.13	16.7	6.88	183.0	5.36	360.4	470.6		
1410	1.0		22.97	17.5	6.48	183.2	5.54	356.1	288.8		
1415	1.5		23.29	16.3	7.08	191.2	5.53	357.8	152.8		
1420	2.0		23.04	16.9	6.53	193.2	5.69	349.9	93.51	Clear	
1425	2.5		23.01	16.8	6.50	194.7	5.75	347.4	58.11		
1430	3.0		23.09	16.8	6.37	194.8	5.68	352.8	41.26		
1435	3.5		23.12	16.2	6.75	195.1	5.69	353.7	26.69		
1440	4.0		23.17	16.3	6.66	195.4	5.67	355.0	16.62		
1445	4.5		23.22	16.4	6.58	192.7	5.68	354.6	13.15		
1450	5.0		23.27	16.5	6.47	192.8	5.70	353.6	11.74		
1455	6.0		23.31	16.8	6.58	194.8	5.72	352.2	12.87		
1500	7.0		23.29	16.2	6.79	195.5	5.77	351.0	9.08		
1505	8.0		23.30	16.1	6.88	194.8	5.74	352.9	7.92		
1510	9.0		23.34	16.0	7.01	195.4	5.73	354.4	7.76		
AG											

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Andrew O'Malia / AECOM				SAMPLER(S) SIGNATURE(S): AOL			SAMPLE TIME: 1515		
PUMP OR TUBING DEPTH IN WELL (feet): 33				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-36	4	AG	40 mL	HCL	40 mL x 4	5.73	6200	ESP	0.10
L	3	AG	40 mL	HCL	40 mL x 3	L	VPH	L	L
	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-45		DATE: 04.06.21	
WELL DIAMETER (inches): 4		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 10 feet to 50 feet			DEPTH TO WATER (feet): 35.48		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: 0950			PURGING ENDED AT: 1110			TOTAL VOLUME PURGED (gallons): 11.25			
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	--	--	
0955	0	0.15	35.50	17.0	9.34	439.5	6.27	183.1	312.9	Light brown	None	
1000	0.35		35.51	17.2	9.02	439.9	6.27	179.6	296.2			
1005	1.5		35.52	17.3	8.76	441.5	6.27	172.3	245.0			
1010	2.25		35.53	17.5	8.14	441.9	6.27	169.2	217.5			
1015	3		35.54	17.6	8.00	440.9	6.28	169.0	167.5			
1020	3.75		35.55	17.7	7.68	434.3	6.27	168.5	155.7			
1025	4.5		35.56	17.7	7.53	432.2	6.28	168.4	109.2	Clear		
1030	5.25		35.56	17.7	7.40	430.2	6.28	168.5	76.55			
1035	6		35.56	17.8	7.21	429.9	6.28	168.4	69.54			
1040	6.75		35.57	17.8	7.11	424.6	6.28	168.2	44.39			
1045	7.5		35.57	17.9	6.82	421.5	6.28	168.1	32.96			
1050	8.25		35.58	18.0	6.69	417.6	6.29	167.9	25.11			
1055	9		35.58	18.0	6.42	414.9	6.29	167.5	12.21			
1100	9.75		35.59	18.1	6.31	413.4	6.29	167.2	6.45			
1105	10.5		35.60	18.0	6.21	410.8	6.29	167.2	4.96			
1110	11.25		35.61	18.0	6.20	409.2	6.29	167.0	3.96			
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: LT / AECOM				SAMPLER(S) SIGNATURE(S): 				SAMPLE TIME: 1110				
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-45	4	AG	40 mL	HCL	40 mL x 4	6.29	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; 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-59D		DATE: 4/8/2021			
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/8		WELL SCREEN INTERVAL DEPTH: feet to feet		DEPTH TO WATER (feet): 25.91		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) = (160 feet - 25.91 feet) X 0.163 gallons/foot = 21.86 gallons											
PUMP DEPTH IN WELL (feet): 155		PURGING INITIATED AT: 1022		PURGING ENDED AT: 1115		TOTAL VOLUME PURGED (gallons): 7					
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	0.4	0.13	24.51	16.2	6.00	270.3	8.64	144.0	15.02	clear	none
1030	1.06		28.94	16.1	5.02	267.1	8.30	121.7	26.04	clear	none
1035	1.72		32.12	16.5	1.34	269.7	8.39	100.0	18.62	clear	none
1045	3.04		40.30	16.1	0.62	267.1	8.50	62.7	15.60	clear	none
1050	3.70		42.80	16.3	0.58	267.7	8.52	52.5	16.12	clear	none
1055	4.36		46.41	16.6	0.67	269.0	8.51	40.2	18.46	clear	none
1100	5.02		49.32	16.4	0.49	267.9	8.52	33.0	15.51	clear	none
1105	5.68		53.54	16.4	0.40	267.9	8.52	25.2	15.11	clear	none
1110	6.34		56.78	16.5	0.41	269.4	8.54	19.5	15.09	clear	none
1115	7		59.96	16.9	0.45	271.5	8.55	16.9	14.94	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: Emily Love / AECOM			SAMPLER(S) SIGNATURE(S): Emily R. Love				SAMPLE TIME: 1115				
PUMP OR TUBING DEPTH IN WELL (feet): 155			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-59D	4	AG	40 mL	HCL	40 mL x 4	8.55	6200	ESP	0.13		
	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-62		DATE: 04.05.21	
WELL DIAMETER (inches): 4			TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 30.3 feet to 39.3 feet			DEPTH TO WATER (feet): 35.49		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)												
= (feet – feet) X gallons/foot = gallons												
PUMP DEPTH IN WELL (feet): 35			PURGING INITIATED AT: 1015			PURGING ENDED AT: 1140			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	--	--	
1020	0	0.05	35.50	17.0	4.64	220.1	6.57	115.1	597.6	Light brown	None	
1025	0.25		35.61	17.9	4.59	208.1	6.54	73.5	381.2			
1030	0.5		35.82	18.1	4.61	208.3	6.52	69.2	369.1			
1035	0.75		35.90	18.1	4.81	207.6	6.51	66.3	347.9			
1040	1.0		36.17	18.2	4.77	211.9	6.57	59.7	280.2			
1045	1.25		36.35	18.4	3.64	219.4	6.64	48.9	258.9			
1050	1.5		36.71	18.8	3.17	276.2	6.48	38.5	229.7			
1055	1.75		36.82	19.1	2.98	231.9	6.47	20.7	272.6			
1100	2.0		37.05	19.5	2.62	239.7	6.46	10.7	301.9			
1105	2.25		37.26	19.9	2.55	245.7	6.45	-14.5	324.5			
1110	2.5		37.56	20.0	2.66	247.7	6.50	-18.3	344.7			
1115	2.75		37.91	20.2	2.78	250.2	6.85	-19.9	367.2			
1120	3.0		39.02	20.5	2.96	255.1	7.15	-21.0	385.7			
1125	3.25		39.17	20.4	3.29	253.2	6.79	-18.7	427.2			
1130	3.5		39.22	20.3	3.86	251.5	6.48	-15.4	571.0			
1135	3.75		39.28	20.4	3.92	252.3	6.50	-11.7	565.9			
1140	4.0		DRY	20.5	3.90	255.9	6.54	-14.2	612.9			
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: LT AECOM				SAMPLER(S) SIGNATURE(S): 				SAMPLE TIME: 1140				
PUMP OR TUBING DEPTH IN WELL (feet):				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	6.54	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: Dry at 4 Gal												
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-70		DATE: 4/5/21	
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/8		WELL SCREEN INTERVAL DEPTH: 33 feet to 48 feet		DEPTH TO WATER (feet): 35.52		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 = (48 feet - 35.52 feet) X 0.16 gallons/foot = 2.00 gallons											
PUMP DEPTH IN WELL (feet): 40			PURGING INITIATED AT: 1400			PURGING ENDED AT: 1500			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 -- --											
1405	0.5	0.1	35.72	18.9	2.52	208.2	6.18	290.4	490.2	lt. brown	None
1410	1.0	0.1	35.95	18.8	2.49	210.4	6.29	277.2	443.7		
1415	1.5	0.1	35.98	18.9	2.64	209.8	6.44	253.7	204.7		
1420	2.0	0.1	35.98	18.8	2.93	208.1	6.50	243.1	164.8		
1425	2.5	0.1	35.99	18.8	3.15	206.8	6.53	232.7	115.8	clear	
1430	3.0	0.1	35.98	18.8	3.29	205.6	6.54	228.1	89.24		
1435	3.5	0.1	35.98	18.8	3.44	204.4	6.55	223.7	68.48		
1440	4.0	0.1	35.98	18.8	3.41	203.4	6.56	220.5	26.39		
1445	4.5	0.1	35.98	18.9	3.52	202.2	6.56	219.3	20.47		
1450	5.0	0.1	35.98	19.0	3.63	201.0	6.56	216.0	14.55		
1455	5.5	0.1	35.98	18.8	3.82	200.5	6.56	214.7	16.28		
1500	6.0	0.1	35.98	18.4	4.00	198.7	6.56	212.0	23.16		
Mdk 4/5/21											
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 deKozlowski / AECOM				SAMPLER(S) SIGNATURE(S): Mike deKozlowski				SAMPLE TIME: 1505			
PUMP OR TUBING DEPTH IN WELL (feet): 40				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 PUMP 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	6.56	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: Purged 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; 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-72		DATE: 4/7/21	
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/8		WELL SCREEN INTERVAL DEPTH: 1 feet to 57.10 feet			DEPTH TO WATER (feet): 45.36		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)												
= (feet - feet) X gallons/foot = gallons												
PUMP DEPTH IN WELL (feet): 54			PURGING INITIATED AT: 1215			PURGING ENDED AT: 1425			TOTAL VOLUME PURGED (gallons): 10.6			
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	--	--	
1215	0.1		45.36	17.8	5.34	250.2	6.35	188.0	1100+	Cloudy	None	
1220	0.5		45.37	18.0	5.21	239.5	6.45	133.8	1100+	" "	" "	
1225	0.9		45.38	18.0	5.23	240.9	6.45	118.2	456.5	" "	" "	
1230	1.3		45.38	18.7	5.27	241.0	6.57	103.6	451.2	" "	" "	
1235	1.7		45.39	18.4	5.12	240.7	6.54	96.7	459.5	" "	" "	
1240	2.1		45.39	18.1	5.15	240.7	6.47	96.7	448.1	" "	" "	
1245	2.5		45.39	18.0	5.08	240.6	6.51	96.2	331.4	" "	" "	
1250	2.9		45.39	18.1	5.09	239.5	6.44	98.6	297.3	" "	" "	
1255	3.3		45.39	18.1	5.07	242.1	6.58	96.5	260.9	" "	" "	
1300	3.8		45.40	18.6	4.87	242.9	6.50	93.7	267.7	" "	" "	
1305	4.2		45.40	18.2	4.96	243.1	6.45	96.8	263.1	" "	" "	
1310	4.6		45.40	18.5	4.87	246.1	6.45	96.4	210.1	" "	" "	
1315	5.0		45.40	18.5	4.77	244.4	6.44	96.5	218.0	" "	" "	
1320	5.5		45.40	18.3	4.72	243.3	6.45	96.9	215.6	" "	" "	
1325	5.8		45.40	17.7	4.70	243.0	6.46	97.5	221.8	" "	" "	
1330	6.2		45.40	18.5	4.76	242.7	6.49	98.4	214.0	" "	" "	
1335	6.6		45.40	18.6	4.69	242.8	6.50	99.0	150.8	" "	" "	
1340	7.0		45.40	18.6	4.73	243.1	6.52	98.5	133.6	" "	" "	
1345	7.3		45.41	18.6	4.70	244.0	6.57	98.0	101.1	" "	" "	
1350	7.7		45.41	18.7	4.73	244.7	6.57	97.4	76.43	Clear	" "	
1355	8.1		45.41	18.8	4.68	244.7	6.58	97.0	20.20	" "	" "	
1400	8.5		45.41	18.6	4.65	244.5	6.56	96.5	8.33	" "	" "	
1405	8.9		45.41	18.7	4.68	244.6	6.54	96.5	5.07	" "	" "	
1410	9.4		45.42	18.6	4.65	244.5	6.54	96.5	3.44	" "	" "	
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: Tim Dickey / AECOM				SAMPLER(S) SIGNATURE(S): 				SAMPLE TIME: 1420				
PUMP OR TUBING DEPTH IN WELL (feet): 54				TUBING MATERIAL CODE:				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-72	4	AG	40 mL	HCL	40 mL x 4		6200		ESP			
I	3	AG	40 mL	HCL	40 mL x 3		VPH		I			
	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 = 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-73		DATE: 04.05.21	
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 7 feet to 46 feet		DEPTH TO WATER (feet): 32.39		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): 40			PURGING INITIATED AT: 0915			PURGING ENDED AT: 0950			TOTAL VOLUME PURGED (gallons): 6		
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	--	--
0920	0	0.2	32.80	16.5	8.62	206.8	7.20	11.3	>1100	Brown	None
0925	1		32.81	16.8	8.34	204.8	6.94	40.6	>1100		
0930	2		32.81	16.7	8.20	207.9	7.02	40.7	>1100		
0935	3		32.82	16.7	7.78	204.8	6.92	53.7	>1000		
0940	4			16.7	7.55	201.2	6.86	60.6	933.9		
0945	5			16.7	7.48	199.8	6.84	63.9	897.6		
0950	6			16.6	7.50	199.3	6.83	65.5	878.1		
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: LT / AECOM				SAMPLER(S) SIGNATURE(S): 				SAMPLE TIME: 0950			
PUMP OR TUBING DEPTH IN WELL (feet): 40				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-73	4	AG	40 mL	HCL	40 mL x 4	6.83	6200		ESP		0.2
	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-74		DATE: 4/5/21	
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/8		WELL SCREEN INTERVAL DEPTH: 18 feet to 33 feet		DEPTH TO WATER (feet): 19.58		PUMP TYPE OR BAILER: Mensor XL	

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
2.15 = (33 feet - 19.58 feet) X 0.16 gallons/foot = 2.15 gallons

PUMP DEPTH IN WELL (feet): 25	PURGING INITIATED AT: 1055	PURGING ENDED AT: 1150	TOTAL VOLUME PURGED (gallons): 6.5
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TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1100	1.0	0.2	20.00	18.6	3.28	X	6.07	330.2	>1000	lt. brown	None
1105	2.0	0.2	20.10	18.5	3.32	X	6.04	324.4		lt. brown	
1110	2.5	0.1	20.08	18.3	3.54	X	6.08	320.4			
1115	3.0	0.1	20.07	18.1	3.57	169.0	6.21	309.3			
1120	3.5	0.1	20.05	18.6	3.68	169.4	6.24	305.7			
1125	4.0	0.1	20.03	18.5	3.61	171.5	6.26	301.7	985.5		
1130	4.5	0.1	20.03	18.6	3.72	172.3	6.26	297.3	900.8		
1135	5.0	0.1	20.03	18.4	3.78	173.7	6.26	293.1	863.2		
1140	5.5	0.1	20.03	18.4	3.81	174.8	6.26	288.5	746.9		
1145	6.0	0.1	20.03	18.4	3.80	176.4	6.26	286.4	656.4		
1150	6.5	0.1	20.03	18.4	3.78	176.8	6.26	285.9	225.6		
3 Well volumes purged Mark 4/5/21											

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 deKozlowski / AECOM				SAMPLER(S) SIGNATURE(S): Mike deKozlowski			SAMPLE TIME: 1200		
PUMP OR TUBING DEPTH IN WELL (feet): 25				TUBING MATERIAL CODE: LDPE			FIELD-FILTERED: Y (N) FILTER SIZE: -- µm		
FIELD DECONTAMINATION: PUMP (N) TUBING Y (replaced)				DUPLICATE: Y (N)					
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD		
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	SAMPLING EQUIPMENT CODE		
MW-74	4	AG	40 mL	HCL	40 mL x 4	6.26	6200		
	3	AG	40 mL	HCL	40 mL x 3		VPH		
	1	PE	250 mL	HNO ₃	250 mL		Lead by 6010		
REMARKS: Probe was set to specific cond. from 1100-1100 and changed to cond. @ 1115 reading									

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-76		DATE: 4/6/21	
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/8		WELL SCREEN INTERVAL DEPTH: feet to 48 feet			DEPTH TO WATER (feet): 28.22		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) 3.16 = (48 feet - 28.22 feet) X 0.16 gallons/foot = 3.16 gallons												
PUMP DEPTH IN WELL (feet): 35			PURGING INITIATED AT: 1130			PURGING ENDED AT: 1205			TOTAL VOLUME PURGED (gallons): 7.25			
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	--	--	
1135	1.25	0.25	29.32	16.5	8.74	165.4	5.65	312.5	143.3	cloudy brown	none	
1140	2.25	0.2	29.54	16.5	8.70	165.7	5.70	307.8	134.2			
1145	3.25	0.2	29.72	16.8	8.49	166.5	5.73	302.6	77.21	clear		
1150	4.25	0.2	29.94	16.7	8.50	164.6	5.72	301.8	63.03			
1155	5.25	0.2	30.09	16.8	8.42	163.7	5.73	301.2	53.81			
1200	6.25	0.2	30.09	16.8	8.41	163.3	5.75	300.8	49.23			
1205	7.25	0.2	30.10	16.8	8.40	163.3	5.75	300.2	48.91			
Mdk 4/6/21												
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 deKozlowski / AECOM				SAMPLER(S) SIGNATURE(S): Mike deKozlowski				SAMPLE TIME: 1215				
PUMP OR TUBING DEPTH IN WELL (feet): 35				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-76	4	AG	40 mL	HCL	40 mL x 4	5.75	6200	ESP	0.2			
/	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-78		DATE: 4/6/21	
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/8		WELL SCREEN INTERVAL DEPTH: feet to 50.0 feet		DEPTH TO WATER (feet): 32.78		PUMP TYPE OR BAILER: Madsen XL	

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

2.76 = (50.0 feet - 32.78 feet) X 0.16 gallons/foot = 2.76 gallons

PUMP DEPTH IN WELL (feet): 40		PURGING INITIATED AT: 1310		PURGING ENDED AT: 1430		TOTAL VOLUME PURGED (gallons): 8.75	
----------------------------------	--	-------------------------------	--	---------------------------	--	--	--

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	--	--
1315	1.25	0.25	33.21	18.5	6.00	134.8	5.76	277.2	668.4	cloudy light brown	none
1320	1.75	0.1	33.34	18.7	5.72	134.3	5.97	271.3	494.8		
1325	2.25	0.1	33.42	18.9	5.63	133.4	6.02	270.1	362.4		
1330	2.75	0.1	33.56	19.3	5.51	132.8	6.10	267.7	284.0		
1335	3.25	0.1	33.60	19.5	5.31	130.6	6.13	266.8	247.2		
1340	3.75	0.1	33.62	20.1	5.17	132.5	6.20	263.0	213.5		
1345	4.25	0.1	33.65	19.5	5.28	127.2	6.17	264.4	179.5	clear	
1350	4.75	0.1	33.67	19.0	5.22	124.2	6.17	262.6	141.4		
1355	5.25	0.1	33.67	18.9	5.33	121.6	6.13	262.4	71.02		
1400	5.75	0.1	33.67	19.3	5.10	120.7	6.12	261.9	62.16		
1405	6.25	0.1	33.67	20.0	4.91	122.2	6.11	260.1	50.13		
1410	6.75	0.1	33.67	19.3	4.94	120.1	6.09	259.7	44.37		
1415	7.25	0.1	33.67	19.0	4.98	116.6	6.07	259.2	24.61		
1420	7.75	0.1	33.67	19.2	4.93	116.3	6.09	258.9	14.22		
1425	8.25	0.1	33.67	19.0	4.95	115.2	6.08	258.4	10.28		
1430	8.75	0.1	33.67	19.0	4.94	115.3	6.10	258.3	7.43		
Mak 4/6/21											

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 deKozlowski / AECOM				SAMPLER(S) SIGNATURE(S): Mike deKozlowski				SAMPLE TIME: 1435			
PUMP OR TUBING DEPTH IN WELL (feet): 40				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-78	4	AG	40 mL	HCL	40 mL x 4	6.10	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-1-20210406 collected

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-80		DATE: 4/5/21			
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/8		WELL SCREEN INTERVAL DEPTH: 7 feet to 41.25 feet		DEPTH TO WATER (feet): 28.49		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) = (feet - feet) X gallons/foot = gallons											
PUMP DEPTH IN WELL (feet): 37		PURGING INITIATED AT: 0900		PURGING ENDED AT: 1010		TOTAL VOLUME PURGED (gallons): 5.7					
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		28.51	16.4	0.84	309.9	6.95	53.4	827.1	Cloudy	None
0910	1.0		28.53	17.1	2.19	301.4	6.58	59.8	522.6	" "	" "
0915	1.4		28.54	17.3	2.98	302.7	6.44	81.6	293.5	" "	" "
0920	2.0		28.56	17.4	3.14	307.3	6.40	86.8	211.0	Clear	None
0925	2.4		28.56	17.3	3.45	306.7	6.38	88.9	171.4	" "	" "
0930	2.8		28.55	17.5	3.68	305.2	6.35	90.6	127.5	" "	" "
0935	3.2		28.55	17.5	4.09	301.9	6.32	93.9	36.86	" "	" "
0940	3.6		28.56	17.5	3.84	301.8	6.30	94.4	19.21	" "	" "
0945	4.0		28.56	17.5	3.85	301.9	6.30	95.7	7.04	" "	" "
0950	4.4		28.56	17.6	3.87	301.9	6.30	96.8	5.21	" "	" "
0955	4.9		28.56	17.6	3.84	302.0	6.30	97.2	3.99	" "	" "
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88											
SAMPLING DATA											
SAMPLED BY (PRINT) / AFFILIATION: T. DieKey / AECOM				SAMPLER(S) SIGNATURE(S): T. DieKey				SAMPLE TIME: 10:05			
PUMP OR TUBING DEPTH IN WELL (feet): 37				TUBING MATERIAL CODE: LDPE		FIELD-FILTERED: Y (N) FILTER SIZE: -- µm		Filtration Equipment Type: --			
FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N) 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-80	4	AG	40 mL	HCL	40 mL x 4	6.30	6200		ESP		
I	3	AG	40 mL	HCL	40 mL x 3	I	VPH		I		
I	1	PE	250 mL	HNO3	250 mL	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 = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)											

APPENDIX D

WATER SUPPLY WELL ABANDONMENT RECORDS

WELL ABANDONMENT RECORD

1. Well Contractor Information:

michael e stes

Well Contractor Name (or well owner personally abandoning well on his/her property)

4445-b

NC Well Contractor Certification Number

mccall brothers 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: 3/31/2021

5a. Well location:

Elizabeth F Shinn Revocable Trust

Facility ID# (if applicable)

14000 lawther rd

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)

N 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#: 1

6b. Total well depth: 255 (ft.)

6c. Borehole diameter: 6 (in.)

6d. Water level below ground surface: 40 (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): (gal.)

FOR WATER SUPPLY WELLS ONLY:

7c. Type of disinfectant used: granular chlorine

7d. Amount of disinfectant used:

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:

58x50lbs bags bentonite chips

1x80lbs bags quikrete

7g. Provide a brief description of the abandonment procedure:

travel to site. tag well. chlorinated well. slowly pour bentonite into well. cut casing below grade. hydrated bentonite. mix up quikrete for cap

8. Certification:

Signature of Certified Well Contractor or Well Owner

3/31/2021

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:

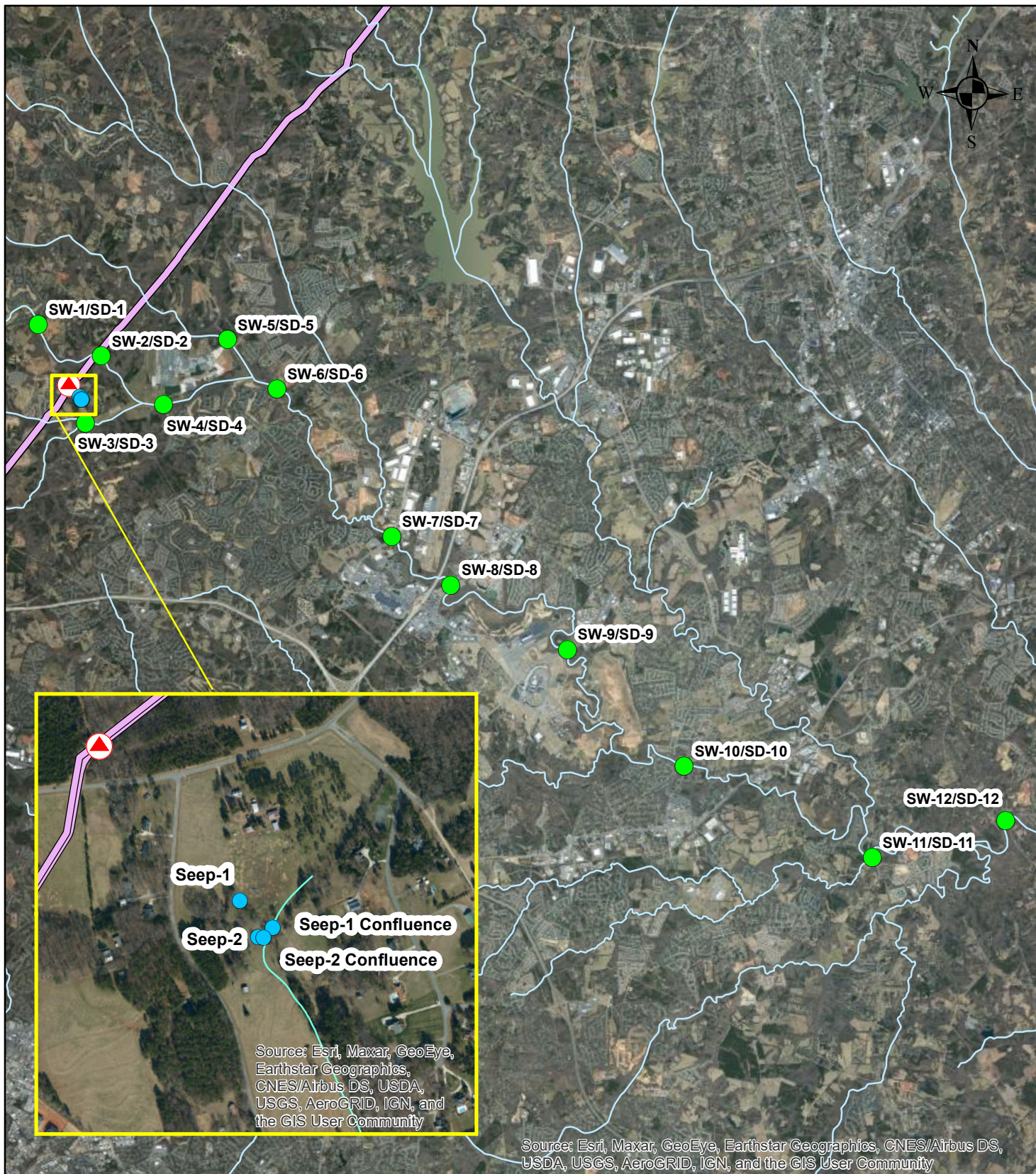
Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

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



0 1 2
Miles

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	
SW-2	North Prong Clark Creek (Downgradient of leak site)	8/15/2020	<80	<1	<1	<1	<2	<1	<1	
		8/16/2020	<80	<1	<1	<1	<2	<1	<1	
		8/17/2020	<80	<1	<1	<1	<2	<1	<1	
		8/18/2020	<80	<1	<1	<1	<2	<1	<1	
		8/19/2020	<80	<1	<1	<1	<2	<1	<1	
		8/20/2020	<80	<1	<1	<1	<2	<1	<1	
		8/21/2020	<80	<1	<1	<1	<2	<1	<1	
		8/22/2020	<80	<1	<1	<1	<2	<1	<1	
		8/27/2020	<80	<1	<1	<1	<2	<1	<1	
		9/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/2/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/3/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/10/2020	<80	<1	<1	<1	<2	<1	<1	
		9/17/2020	<80	<1	<1	<1	<2	<1	<1	
		9/19/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/24/2020	<80	<1	<1	<1	<2	<1	<1	
		9/26/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/1/2020	<80	<1	<1	<1	<2	<1	<1	
		10/7/2020	<80	<1	<1	<1	<2	<1	<1	
		10/12/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/22/2020	<80	<1	<1	<1	<2	<1	<1	
		10/31/2020	<80	<1	<1	<1	<2	<1	<1	
		11/5/2020	<80	<1	<1	<1	<2	<1	<1	
		11/13/2020	<80	<1	<1	<1	<2	<1	<1	x
		11/19/2020	<80	<1	<1	<1	<2	<1	<1	
		12/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/17/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/30/2020	<80	<1	<1	<1	<2	<1	<1	
		1/14/2021	<80	<1	<1	<1	<2	<1	<1	
		1/27/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/12/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/26/2021	<80	<1	<1	<1	<2	<1	<1	
		3/10/2021	<80	<1	<1	<1	<2	<1	<1	
		3/19/2021	<80	<1	<1	<1	<2	<1	<1	x
		3/24/2021	<80	<1	<1	<1	<2	<1	<1	
		3/26/2021	<80	<1	<1	<1	<2	<1	<1	x
		4/7/2021	<80	<1	<1	<1	<2	<1	<1	

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	
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	

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	
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	

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	

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)	8/15/2020	<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-10	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-11	Rocky River (Downgradient of Mallard Creek)	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-12	Rocky River (Downgradient of Back Creek)	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	

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	
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	
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	
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	

x	Sample collected, results pending
	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	
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	

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	
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	

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	
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	

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	
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 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-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	
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	
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	
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	

Note:

(1) Last update: 03/30/2021

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Table 2. Surface Water General Parameter Measurements
2020-L1-SR2448 Incident

Location ID	Description	Date	Temperature (°C)	pH (STU)	ORP (mV)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Rain Event
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 - March 31, 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 03/31/21	--	895,878
Frac Tank Gauging PCW Through 03/31/21	--	966,932
Total Fluids Shipped to STAT Facility for Bulking Through 03/31/2021	1,120,869	--
PCW Shipped by Legacy to HCC Through 03/31/2021	274,978	--
PCW Shipped by Legacy to Legacy Through 03/31/2021	526,737	--
PCW Shipped by MEI to MEI Through 03/31/2021	76,292	
PCW Shipped by MEI to HCC Through 03/31/2021	20,922	
Combined Total Liquids Removed Through 03/31/21 vs. Gauging	2,019,798	1,953,740
PCW Shipped to Aaron Oil Through 03/31/2021 ⁽¹⁾	179,778	--

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.

(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 - March 31, 2021)

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

Date	Gallons	Bill of Lading No.	Bill of Lading Previously Provided
8/15/2020	5,230	9359	x
8/15/2020	4,300	9360	x
8/15/2020	4,500	9362	x
8/15/2020	4,700	9364	x
8/16/2020	5,500	8753	x
8/16/2020	4,500	8641	x
8/16/2020	4,700	9240	x
8/16/2020	4,500	8752	x
8/16/2020	5,500	9717	x
8/16/2020	5,030	9504	x
8/16/2020	5,010	9503	x
8/16/2020	4,750	9501	x
8/16/2020	5,200	8668	x
8/16/2020	5,178	8642	x
8/16/2020	5,150	9348	x
8/17/2020	4,500	7211	x
8/17/2020	3,230	9509	x
8/17/2020	5,345	9510	x
8/17/2020	4,500	8667	x
8/18/2020	5,460	9719	x
9/4/2020	4,311	9547	x
9/4/2020	2,783	9555	x
9/6/2020	5,279	9556	x
9/6/2020	3,589	9546	x
9/9/2020	4,964	9553	x
9/9/2020	5,264	9554	x
9/11/2020	5,333	9570	x
9/12/2020	4,964	9568	x
9/14/2020	4,797	9567	x
9/14/2020	4,479	9565	x
9/15/2020	5,712	9560	x
9/16/2020	4,908	9561	x
9/18/2020	5,015	9562	x
9/18/2020	4,908	9563	x
9/21/2020	5,375	9572	x
9/21/2020	5,045	9564	x
9/21/2020	5,691	9559	x

Table 2
Summary of Liquids Removed by STAT
(August 15, 2020 - March 31, 2021)

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

Date	Gallons	Bill of Lading No.	Bill of Lading Previously Provided
9/21/2020	5,045	9571	X
9/22/2020	5,326	9558	X
9/25/2020	5,122	9573	X
9/25/2020	5,121	9574	X
9/25/2020	5,423	15511	X
9/28/2020	5,539	9576	X
9/28/2020	5,606	9575	X
9/30/2020	5,423	9583	X
9/30/2020	5,086	9582	X
10/2/2020	5,516	9581	X
10/2/2020	5,447	9580	X
10/5/2020	5,470	9579	X
10/5/2020	5,149	9589	X
10/6/2020	5,670	9588	X
10/6/2020	5,086	9587	X
10/7/2020	5,043	9586	X
10/8/2020	5,712	9585	X
10/9/2020	5,016	9584	X
10/12/2020	5,516	9578	X
10/12/2020	5,649	9590	X
10/13/2020	5,628	9591	X
10/15/2020	5,606	9592	X
10/16/2020	5,493	9593	X
10/16/2020	5,423	9594	X
10/20/2020	5,562	15506	X
10/20/2020	5,493	15510	X
10/22/2020	5,423	9595	X
10/22/2020	5,606	204	X
10/23/2020	5,649	203	X
10/23/2020	5,691	9596	X
10/26/2020	4,142	9600	X
10/26/2020	5,695	202	X
10/27/2020	5,617	9599	X
10/27/2020	5,695	201	X
10/30/2020	5,448	207	X
10/30/2020	5,492	9597	X
11/2/2020	5,767	206	X

Table 2
Summary of Liquids Removed by STAT
(August 15, 2020 - March 31, 2021)

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

Date	Gallons	Bill of Lading No.	Bill of Lading Previously Provided
11/2/2020	5,695	205	X
11/2/2020	4,145	9598	X
11/3/2020	5,448	231	X
11/4/2020	5,403	230	X
11/5/2020	5,617	229	X
11/6/2020	5,448	228	X
11/9/2020	5,492	232	X
11/9/2020	5,535	227	X
11/11/2020	5,535	240	X
11/11/2020	5,492	233	X
11/13/2020	5,577	237	X
11/13/2020	5,492	236	X
11/16/2020	5,448	235	X
11/17/2020	5,492	208	X
11/18/2020	5,577	234	X
11/18/2020	5,802	241	X
11/19/2020	5,215	242	X
11/19/2020	5,358	243	X
11/23/2020	5,535	244	X
11/24/2020	5,492	245	X
11/25/2020	5,215	246	X
11/25/2020	5,403	247	X
11/30/2020	5,535	248	X
11/30/2020	5,492	249	X
12/1/2020	5,577	250	X
12/1/2020	5,555	251	X
12/3/2020	5,657	252	X
12/3/2020	5,535	253	X
12/4/2020	5,617	254	X
12/7/2020	5,535	255	X
12/8/2020	5,264	256	X
12/9/2020	5,535	257	X
12/10/2020	5,264	258	X
12/11/2020	5,577	259	X
12/14/2020	5,617	260	X
12/15/2020	5,695	261	X
12/17/2020	5,577	262	X

Table 2
Summary of Liquids Removed by STAT
(August 15, 2020 - March 31, 2021)

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

Date	Gallons	Bill of Lading No.	Bill of Lading Previously Provided
12/17/2020	5,802	263	X
12/18/2020	5,617	264	X
12/21/2020	5,358	265	X
12/22/2020	5,555	266	X
12/22/2020	5,000	267	X
12/22/2020	5,535	268	X
12/23/2020	5,577	269	X
12/23/2020	5,000	270	X
12/23/2020	5,577	271	X
12/28/2020	5,535	272	X
12/28/2020	5,617	274	X
12/28/2020	5,000	273	X
12/29/2020	5,802	275	X
12/30/2020	5,120	277	X
12/31/2020	5,864	276	X
1/4/2020	5,695	280	X
1/4/2020	5,543	279	X
1/4/2020	5,535	278	X
1/5/2021	5,732	282	X
1/5/2021	4,682	281	X
1/7/2021	5,577	283	X
1/9/2021	5,492	285	X
1/10/2021	5,577	284	X
1/11/2021	5,264	286	X
1/13/2021	5,617	289	X
1/14/2021	5,535	290	X
1/15/2021	4,979	291	X
1/15/2021	5,291	292	X
1/16/2021	5,400	295	X
1/18/2021	5,264	296	X
1/18/2021	5,400	293	X
1/19/2021	5,577	298	X
1/20/2021	5,535	299	X
1/21/2021	5,577	297	X
1/22/2021	5,695	300	X
1/23/2021	5,732	225	X
1/25/2021	5,492	223	X

Table 2
Summary of Liquids Removed by STAT
(August 15, 2020 - March 31, 2021)

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

Date	Gallons	Bill of Lading No.	Bill of Lading Previously Provided
1/25/2021	5,450	224	X
1/26/2021	5,492	221	X
1/26/2021	5,400	220	X
1/27/2021	5,264	219	X
1/28/2021	5,403	218	X
1/29/2021	4,911	217	X
1/29/2021	5,069	216	X
2/1/2021	5,865	215	X
2/2/2021	5,577	214	X
2/3/2021	5,264	210	X
2/4/2021	4,641	213	X
2/5/2021	5,535	9045	X
2/8/2021	5,535	9055	X
2/8/2021	5,191	9054	X
2/9/2021	5,895	9053	X
2/9/2021	4,825	9052	X
2/10/2021	5,990	9051	X
2/11/2021	3,733	9050	X
2/12/2021	5,577	9049	X
2/15/2021	5,264	9048	X
2/16/2021	5,732	9047	X
2/17/2021	4,000	9059	X
2/17/2021	4,811	222	X
2/18/2021	5,700	9056	X
2/19/2021	5,200	9057	X
2/22/2021	5,767	9077	X
2/22/2021	5,827	9078	X
2/24/2021	5,932	9046	X
2/24/2021	5,921	9076	X
2/25/2021	5,150	9061	X
2/26/2021	5,400	9064	X
2/28/2021	5,000	9062	X
3/2/2021	6,276	9060	
3/2/2021	5,708	9063	
3/3/2021	5,932	9065	
3/6/2021	5,932	9075	
3/8/2021	5,601	9074	

Table 2
Summary of Liquids Removed by STAT
(August 15, 2020 - March 31, 2021)

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

Date	Gallons	Bill of Lading No.	Bill of Lading Previously Provided
3/9/2021	5,687	9072	
3/10/2021	5,932	9071	
3/12/2021	5,932	9070	
3/13/2021	6,048	9069	
3/15/2021	6,048	9068	
3/16/2021	6,048	9066	
3/16/2021	5,400	9067	
3/17/2021	5,700	9079	
3/18/2021	5,998	9100	
3/19/2021	5,998	9098	
3/19/2021	5,869	9099	
3/20/2021	6,108	9097	
3/22/2021	6,048	9095	
3/22/2021	5,921	9096	
3/23/2021	5,732	9094	
3/24/2021	6,100	9093	
3/25/2021	5,871	9092	
3/26/2021	6,166	9090	
3/27/2021	6,048	9091	
3/29/2021	6,019	9088	
3/29/2021	6,166	9089	
3/30/2021	6,048	9087	
3/31/2021	6,019	9086	
Total	1,120,869		

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09060			
3. Shipper Name & Address <i>CPL</i> <i>14108 Huntersville Concord Rd</i> <i>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	14. Unit Wt/Vol
	a. <i>UN1993 Flammable Liquid NOS</i> <i>(contains Less Than 10% gas/water) PL III</i>			No.	Type		
	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 <i>Adam Harris</i>				Signature 		Date Month Day Year 3 2 21	
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name <i>Maurice Wilson</i>				Signature 		Date Month Day Year 3 2 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 <i>Richard Haig</i>				Signature 		Date Month Day Year 3 2 21	

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09063										
3. Shipper Name & Address <i>CPL 14108 Huntersville Concord 21 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 <i>X</i>	11. Base Description		12. Containers		13. Total Quantity									
			No.	Type										
	a. <i>UN1993 Flammable Liquid NOS, (contains less than 10% gas/water) PETI</i>		<i>01</i>	<i>TI</i>	<i>EST 5708</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>		<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="3">Date</th> </tr> <tr> <th>Month</th> <th>Day</th> <th>Year</th> </tr> <tr> <td><i>3</i></td> <td><i>02</i></td> <td><i>21</i></td> </tr> </table>		Date			Month	Day	Year	<i>3</i>	<i>02</i>	<i>21</i>
Date														
Month	Day	Year												
<i>3</i>	<i>02</i>	<i>21</i>												
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name <i>X Michael Dula</i>		Signature <i>Michael Dula</i>		<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="3">Date</th> </tr> <tr> <th>Month</th> <th>Day</th> <th>Year</th> </tr> <tr> <td><i>3</i></td> <td><i>2</i></td> <td><i>21</i></td> </tr> </table>		Date			Month	Day	Year	<i>3</i>	<i>2</i>	<i>21</i>
Date														
Month	Day	Year												
<i>3</i>	<i>2</i>	<i>21</i>												
18. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="3">Date</th> </tr> <tr> <th>Month</th> <th>Day</th> <th>Year</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>		Date			Month	Day	Year			
Date														
Month	Day	Year												
19. Discrepancy Indication Space														
20. Consignee														
Printed/Typed Name <i>Allison Wike</i>		Signature <i>Allison Wike</i>		<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="3">Date</th> </tr> <tr> <th>Month</th> <th>Day</th> <th>Year</th> </tr> <tr> <td><i>3</i></td> <td><i>2</i></td> <td><i>21</i></td> </tr> </table>		Date			Month	Day	Year	<i>3</i>	<i>2</i>	<i>21</i>
Date														
Month	Day	Year												
<i>3</i>	<i>2</i>	<i>21</i>												

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09065	
3. Shipper Name & Address <i>CPL 4108 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</i>		01	11	EST 5932
	X <i>Contains Less than 10% gas/liquid</i> PL III				
	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 <i>JOSE ISLAS</i>		Signature 		Date Month Day Year 03 03 21	
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name <i>Richard Haigler</i>		Signature 		Date Month Day Year 03 03 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 <i>Allison Wike</i>		Signature 		Date Month Day Year 3 3 21	

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09075	
3. Shipper Name & Address <i>CPL</i> <i>14108 Huntersville Concord Rd</i> <i>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	X	11. Base Description	12. Containers		13. Total Quantity	14. Unit Wt/Vol
			No.	Type		
		a. <i>UN1993 Flammable Liquids NOS</i> <i>Contains Less than 10% gas/liquid) PETI</i>	01	TI	EST 5932	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 <i>JOSE ISLAS</i>	Signature 	Date Month Day Year 03 06 21
17. Carrier Acknowledgement of Receipt of Materials		
Printed/Typed Name <i>Richard Hoigler</i>	Signature 	Date Month Day Year 03 06 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 <i>Allison Wike</i>	Signature 	Date Month Day Year 3 06 21
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BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09074	
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
			No.	Type	
	a. UN1993 Flammable Liquids NOS				
	b. Contains less than 10% gas/water		01	TI	EST 8001
	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		Ad Harris		23 08 21	
17. Carrier Acknowledgement of Receipt of Materials		Signature		Date	
Luther L. Hellen		L L Hellen		03 08 21	
18. Carrier Acknowledgement of Receipt of Materials		Signature		Date	
19. Discrepancy Indication Space					
20. Consignee					
Printed/Typed Name		Signature		Date	
Rach Hoyle		R Hoyle		03 08 21	

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09072	
3. Shipper Name & Address <i>CPL 14108 Hunterville Concord RD Hunterville 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>UNPP3 Flammable Liquid NOS</i>				
	b. <i>(contains less than 10% gas/water) PG III</i>		<i>01</i>	<i>TI</i>	<i>EST 5687</i>
	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>[Signature]</i>		Date Month Day Year <i>03 09 21</i>	
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name <i>Jim Chase</i>		Signature <i>[Signature]</i>		Date Month Day Year <i>3 9 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>Allison Wike</i>		Signature <i>Allison Wike</i>		Date Month Day Year <i>3 9 21</i>	

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09071	
3. Shipper Name & Address <i>CPL</i> <i>14108 Huntersville Concord RD</i> <i>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	14. Unit Wt/Vol
			No.	Type		
<i>X</i>	a.	<i>UNPA3 Flammable Liquids NOS</i>	01	TI	<i>EST 5952</i>	<i>4</i>
	b.	<i>(contains less than 10% gas/water) PETI</i>				
	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
<i>John Harris</i>	<i>[Signature]</i>	Month Day Year <i>03</i> <i>10</i> <i>21</i>
17. Carrier Acknowledgement of Receipt of Materials		
Printed/Typed Name	Signature	Date
<i>Michael Dola</i>	<i>[Signature]</i>	Month Day Year <i>3</i> <i>10</i> <i>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>Allison Wike</i>	Month Day Year <i>3</i> <i>10</i> <i>21</i>

BILL OF LADING

4260

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09070	
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>UNPP93 Flammable Liquid NOS</i>				
	b. <i>(contains less than 10% gas/water) PG III</i>		<i>01</i>	<i>TI</i>	<i>ES 5932</i>
	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>[Signature]</i>		Date Month Day Year <i>03 12 21</i>	
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name <i>George Bishop Jr</i>		Signature <i>[Signature]</i>		Date Month Day Year <i>3 12 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>Allison Wike</i>		Signature <i>Allison Wike</i>		Date Month Day Year <i>3 12 21</i>	

BILL OF LADING

4260

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09069	
3. Shipper Name & Address <i>CPL</i> <i>1408 Huntersville Concord Rd</i> <i>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 Liquid NOS</i>				
	b. <i>Contains less than 10% gas hydrate) 16 IBS</i>		<i>01</i>	<i>TI</i>	<i>EST 6048 G</i>
	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>03 13 21</i>	
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name <i>George Diskup Jr</i>		Signature <i>George Diskup Jr</i>		Date Month Day Year <i>03 13 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>Allison Wike</i>		Signature <i>Allison Wike</i>		Date Month Day Year <i>3 13 21</i>	

T-426-unloaded in #4 Frac Tank

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09068	
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</i>		<i>01</i>	<i>TI</i>	<i>EST 6048</i>
	b. <i>Contains Less than 10% gas/water</i>				
	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 <i>Alan Hance</i>		Signature <i>Alan Hance</i>		Date Month Day Year <i>03 15 21</i>	
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name <i>Stanford</i>		Signature <i>Stanford</i>		Date Month Day Year <i>3 15 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>Allison Wike</i>		Signature <i>Allison Wike</i>		Date Month Day Year <i>3 15 21</i>	

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09066	
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	X	11. Base Description	12. Containers		13. Total Quantity	14. Unit Wt/Vol
			No.	Type		
		a. UN1093 Flammable Liquid NOS (contains less than 10% gas/water) PG III	01	TI	EST 6048	G
		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						
<i>Adam Harris</i>	<i>Adam Harris</i>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Month</th> <th>Day</th> <th>Year</th> </tr> <tr> <td style="text-align: center;">03</td> <td style="text-align: center;">16</td> <td style="text-align: center;">21</td> </tr> </table>	Month	Day	Year	03	16	21
Month	Day	Year						
03	16	21						

17. Carrier Acknowledgement of Receipt of Materials								
Printed/Typed Name	Signature	Date						
<i>Marcus Harris</i>	<i>Marcus Harris</i>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Month</th> <th>Day</th> <th>Year</th> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">16</td> <td style="text-align: center;">2021</td> </tr> </table>	Month	Day	Year	3	16	2021
Month	Day	Year						
3	16	2021						

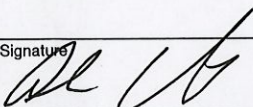
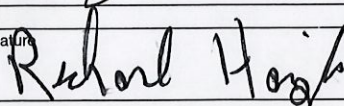
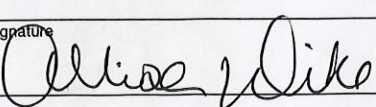
18. Carrier Acknowledgement of Receipt of Materials								
Printed/Typed Name	Signature	Date						
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Month</th> <th>Day</th> <th>Year</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>	Month	Day	Year			
Month	Day	Year						

19. Discrepancy Indication Space

20. Consignee

Printed/Typed Name	Signature	Date						
<i>Allison Wike</i>	<i>Allison Wike</i>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Month</th> <th>Day</th> <th>Year</th> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">16</td> <td style="text-align: center;">21</td> </tr> </table>	Month	Day	Year	3	16	21
Month	Day	Year						
3	16	21						

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09067	
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. UN913 Flammable Liquid NOS.				
	b. (contains less than 10% gs/water) PG III		01	TI	EST 5400
	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 Lewis		Signature 		Date Month Day Year 03 16 21	
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name Richard Hnigler		Signature 		Date Month Day Year 03 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 3 16 21	

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09079	
3. Shipper Name & Address CRL 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		
X	UN1993 Flammable Liquid NOS Contains less than 10% gas/water	01	TI	EST 5700	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

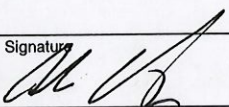
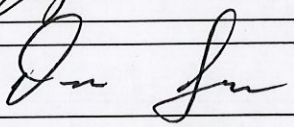
Printed/Typed Name Adam Harris	Signature [Signature]	Date Month: 03 Day: 17 Year: 21
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name Maurice Wilson	Signature Maurice Wilson	Date Month: 3 Day: 17 Year: 21
18. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name	Signature	Date Month: Day: Year:

19. Discrepancy Indication Space

20. Consignee

Printed/Typed Name Richard Haigler	Signature Richard Haigler	Date Month: 3 Day: 17 Year: 21
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BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09100	
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
			No.	Type	
	a. UN1993 Flammable Liquid NOS				
	b. (contains less than 10% gas/water) PG III		01	TI	ES5998
	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		Signature		Date	
Adam Harris				Month Day Year 03/18/21	
17. Carrier Acknowledgement of Receipt of Materials		Signature		Date	
Printed/Typed Name Dewitt Sparks				Month Day Year 3/18/21	
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	
Richard Haigler		Richard Haigler		Month Day Year 3/18/21	

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09098	
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	X	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 II	01	TI	EST5998	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

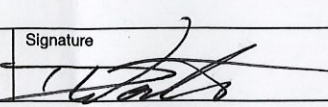
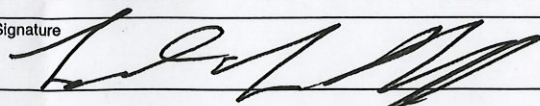
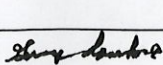
Printed/Typed Name Adam Harris	Signature [Signature]	Date 03 19 21
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name DeWitt Spradlin	Signature [Signature]	Date 3 19 21
18. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name	Signature	Date [Blank]

19. Discrepancy Indication Space

20. Consignee

Printed/Typed Name Richard Haigler	Signature [Signature]	Date 3 19 21
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BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09099	
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
			No.	Type	
	a. UN1993 Flammable Liquid NOS (contains less than 10% gas/water) PL III		01	TI	EST 5869
	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 Darryl Wooten		Signature 		Date Month Day Year 03 19 21	
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name Luther L. Bell		Signature 		Date Month Day Year 03 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 Garry Spaulter		Signature 		Date Month Day Year 03 19 21	

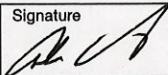
BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09097	
3. Shipper Name & Address <i>CPL</i> <i>14108 Huntersville Concord Rd</i> <i>Huntersville NC 28078</i>		4. Shipper's Phone <i>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 Liquid NOS</i>				
	b. <i>(contains less than 10% gas/water) PG III</i>		<i>01</i>	<i>TI</i>	<i>EST 408</i>
	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>JOSE SLAS</i>		Signature <i>[Signature]</i>		Date Month Day Year <i>03 20 21</i>	
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name <i>Maurice Wilson</i>		Signature <i>Maurice Wilson</i>		Date Month Day Year <i>3 20 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 Haight</i>		Signature <i>Richard Haight</i>		Date Month Day Year <i>3 20 21</i>	

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09095	
3. Shipper Name & Address CH 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
			No.	Type	
	a. UNPA3 Flammable Liquid NOS X (CONTAINS LESS than 10% glycol ether) PG II 01		II	ES 6048	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	
Adam Harris				Month Day Year 03 22 21	
17. Carrier Acknowledgement of Receipt of Materials		Signature		Date	
Printed/Typed Name		Signature		Month Day Year	
Marcus Harris		Marcus Harris		3 22 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	
Richard Haigler		Richard Haigler		Month Day Year 3 22 21	

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09096	
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
			No.	Type	
	a. UN1993 Flammable Liquid NOS		01	TI	EST 5921
	b. (contains less than 10% gas/water) PG III				
	c.				
d.					
G. Additional Descriptions for Materials Listed Above					
USE DOT GUIDE # <u>178</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 03 22 21	
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name Mark Harris		Signature Mark Harris		Date Month Day Year 03 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 Reid Hoigler		Signature Reid Hoigler		Date Month Day Year 03 22 21	

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09094			
3. Shipper Name & Address <i>CP1 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	14. Unit Wt/Vol
				No.	Type		
	<i>a. UN1993 Flammable Liquid NOS (contains less than 10% gas/haz) Ac III</i>			<i>01</i>	<i>11</i>	<i>151.5732</i>	<i>G</i>
	<i>b.</i>						
	<i>c.</i>						
	<i>d.</i>						
G. Additional Descriptions for Materials Listed Above							
USE DOT GUIDE # <u><i>178</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 <i>Adam Harris</i>				Signature <i>Adam Harris</i>		Date Month Day Year <i>03</i> <i>23</i> <i>21</i>	
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name <i>Cecorey Buskup Jr</i>				Signature <i>Cecorey Buskup Jr</i>		Date Month Day Year <i>03</i> <i>23</i> <i>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>03</i> <i>23</i> <i>21</i>	

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09093	
3. Shipper Name & Address <i>CPL 14108 Huntersville Concord RD Huntersville NC 28078</i>		4. Shipper's Phone <i>1 800 627 1457</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% gas/water) PG III</i>		<i>01</i>	<i>TI</i>	<i>EST 6100</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		Signature		Date	
<i>Danny Wooten</i>		<i>[Signature]</i>		Month Day Year	
17. Carrier Acknowledgement of Receipt of Materials		Signature		Date	
<i>DEAN BUNBARNER</i>		<i>[Signature]</i>		Month Day Year	
18. Carrier Acknowledgement of Receipt of Materials		Signature		Date	
				Month Day Year	
19. Discrepancy Indication Space					
20. Consignee					
Printed/Typed Name		Signature		Date	
<i>Richard Haigler</i>		<i>[Signature]</i>		Month Day Year	

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09092	
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		
X	a.	UNPP3 Flammable Liquid NOS (contains less than 10% gas/water) LIQUID	01	TI	25.5871	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 Adam Harris	Signature [Signature]	Date 03 25 21
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name DEAN BUMBARNER	Signature [Signature]	Date 3 25 21
18. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name	Signature	Date

19. Discrepancy Indication Space

20. Consignee

Printed/Typed Name Richard Higgins	Signature [Signature]	Date 03 25 21
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BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09090	
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		
X		UN1993 Flammable Liquid NOS (contains less than 10% gas/water) PET III	01	TI	EST 666	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 Adam Harris	Signature [Signature]	Date 03 26 21
17. Carrier Acknowledgement of Receipt of Materials		
Printed/Typed Name DEAN BUMGARDNER	Signature [Signature]	Date 3 26 21
18. Carrier Acknowledgement of Receipt of Materials		
Printed/Typed Name	Signature	Date 3 26 21

19. Discrepancy Indication Space

20. Consignee

Printed/Typed Name Richard Haigler	Signature [Signature]	Date 3 26 21
--	---	--

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09091	
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		
X	UN1993 Flammable Liquid NOS (contains less than 10% gas/water) PG III	01	TI	EST 6048	G
	a.				
	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 John Harris	Signature [Signature]	Date Month Day Year 03 27 21
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name DEAN BUNGARNER	Signature [Signature]	Date Month Day Year 3 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 Richard Harp	Signature [Signature]	Date Month Day Year 3 27 21
---	---	--

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09088	
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		
X	a.	UNPP13 Flammable Liquid NOS contains less than 10% gs(water) 19.4 01	11	EST 6019	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 Adam Harris	Signature [Signature]	Date 3 29 21
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name DEAN BUNGARNER	Signature [Signature]	Date 3 29 21
18. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name	Signature	Date 03 29 21

19. Discrepancy Indication Space

20. Consignee

Printed/Typed Name Richard Haig Ice	Signature Richard Haig Ice	Date 03 29 21
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BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09089	
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 Liquid NOS (contains less than 10% gas/water)</i>		<i>01</i>	<i>TT</i>	<i>EST 6/66</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		Signature		Date	
<i>Adam Harris</i>		<i>Adam Harris</i>		Month Day Year <i>03 29 21</i>	
17. Carrier Acknowledgement of Receipt of Materials				Date	
Printed/Typed Name		Signature		Month Day Year	
<i>Richard Haigler</i>		<i>Richard Haigler</i>		<i>03 29 21</i>	
18. Carrier Acknowledgement of Receipt of Materials				Date	
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Consignee					
Printed/Typed Name		Signature		Date	
<i>Richard Haigler</i>		<i>Richard Haigler</i>		Month Day Year <i>03 29 21</i>	

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09087			
3. Shipper Name & Address CPL 14108 Huntersville Concord ED 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. UNPP3 Flammable Liquids NOS						
	b. (contains less than 10% gas/water) Petrol 01			II		EST 6048	L
	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 JOSE ISLAS				Signature 		Date Month Day Year 03 30 21	
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name Luther L. Miller				Signature 		Date Month Day Year 03 30 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 3 30 21	

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 09086			
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	14. Unit Wt/Vol
				No. Type			
	a. UNPP3 Flammable Liquid NOS						
	b. (contains less than 10% gasoline) PETROL						
	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 <i>[Signature]</i>		Date Month Day Year 3 31 21	
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name DEAN BUNGARNEE				Signature <i>[Signature]</i>		Date Month Day Year 3 31 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 <i>[Signature]</i>		Date Month Day Year 3 31 21	

Table 3
Summary of Liquids Shipped to HCC
(December 21, 2021 - March 31, 2021)

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

Date	Gallons	Manifest No.	Manifest Previously Provided
12/21/2020	5,490	10547	X
12/21/2020	4,792	10508	X
12/28/2020	3,200	8937	X
12/28/2020	5,500	8938	X
12/31/2020	4,545	10536	X
1/3/2021	5,500	10553	X
1/3/2021	5,906	10554	X
1/4/2021	3,400	10552	X
1/4/2021	4,100	11002	X
1/5/2021	5,906	11000	X
1/5/2021	2,800	11001	X
1/6/2021	2,699	10551	X
1/7/2021	4,545	11004	X
1/9/2021	5,704	10537	X
1/9/2021	3,888	8944	X
1/9/2021	2,140	8945	X
1/10/2021	2,693	10538	X
1/11/2021	3,911	8951	X
1/12/2021	4,669	8952	X
1/13/2021	5,598	10555	X
1/13/2021	5,500	10556	X
1/14/2021	5,208	8974	X
1/14/2021	5,342	8975	X
1/15/2021	4,243	8977	X
1/15/2021	2,809	8978	X
1/15/2021	5,490	11051	X
1/15/2021	2,950	11052	X
1/16/2021	2,700	11053	X
1/16/2021	3,593	11054	X
1/16/2021	3,800	11055	X
1/17/2021	3,600	8954	X
1/17/2021	2,700	8955	X
1/17/2021	3,600	8956	X
1/18/2021	2,700	8957	X
1/18/2021	4,233	8958	X
1/18/2021	3,390	8959	X
1/18/2021	4,128	8960	X
1/18/2021	2,160	11066	X

Table 3
Summary of Liquids Shipped to HCC
(December 21, 2021 - March 31, 2021)

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

1/19/2021	3,788	8961	X
1/19/2021	4,243	8962	X
1/19/2021	3,783	8963	X
1/20/2021	2,500	8964	X
1/20/2021	3,800	8965	X
1/20/2021	4,315	8966	X
1/21/2020	2,772	8967	X
1/21/2021	4,416	8968	X
1/21/2021	3,868	8969	X
1/21/2021	3,011	8987	X
1/22/2021	4,372	8995	X
1/22/2021	3,822	8996	X
1/22/2021	2,717	8997	X
1/23/2021	4,473	8990	X
1/23/2021	2,763	8988	X
1/23/2021	3,515	8989	X
1/24/2021	4,512	8992	X
1/24/2021	2,801	8991	X
1/24/2021	3,927	8993	X
1/25/2021	4,233	8986	X
1/25/2021	3,692	8985	X
1/25/2021	3,528	11056	X
1/25/2021	2,835	8994	X
1/26/2021	2,500	11057	X
1/26/2021	3,696	9016	X
1/26/2021	4,224	9015	X
1/26/2021	5,800	8998	X
1/27/2021	4,320	8999	X
1/27/2021	3,620	9000	X
1/27/2021	4,224	9001	X
1/27/2021	3,840	9004	X
1/28/2021	3,936	9007	X
Total	274,978		

Table 4
Summary of Liquids Shipped to
Legacy
(January 01, 2021 - March 31, 2021)

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

Date	Gallons	Manifest No.	Manifest Previously Provided
1/28/2021	3,654	9006	X
1/28/2021	4,224	9005	X
1/28/2021	1,974	9003	X
1/29/2021	4,224	9008	X
1/29/2021	3,696	9010	X
1/29/2021	3,840	9017	X
1/29/2021	2,142	9011	X
1/30/2021	2,900	9013	X
1/30/2021	3,360	9014	X
1/30/2021	3,614	9018	X
2/1/2021	2,400	9019	X
2/1/2021	3,612	9020	X
2/1/2021	2,268	9021	X
2/1/2021	2,814	9022	X
2/1/2021	3,696	9029	X
2/2/2021	3,696	8953	X
2/2/2021	2,772	8979	X
2/3/2021	3,612	9024	X
2/3/2021	2,989	9023	X
2/3/2021	2,940	9026	X
2/4/2021	2,520	9025	X
2/5/2021	3,150	9027	X
2/5/2021	3,150	9028	X
2/5/2021	2,800	7456	X
2/6/2021	3,360	9030	X
2/6/2021	2,772	9031	X
2/6/2021	2,700	9032	X
2/6/2021	3,696	9033	X
2/6/2021	2,562	9034	X
2/7/2021	4,176	9037	X
2/8/2021	2,800	9038	X
2/8/2021	3,698	9039	X
2/8/2021	3,654	9040	X
2/8/2021	2,600	9041	X
2/8/2021	3,780	9042	X
2/8/2021	4,100	9043	X
2/8/2021	3,486	9044	X

Table 4
Summary of Liquids Shipped to
Legacy
(January 01, 2021 - March 31, 2021)

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

2/9/2021	3,698	9047	X
2/9/2021	2,458	9048	X
2/9/2021	2,127	9049	X
2/10/2021	3,363	9050	X
2/10/2021	3,948	9051	X
2/11/2021	3,444	9052	X
2/11/2021	3,649	9053	X
2/12/2021	3,531	9054	X
2/12/2021	1,342	9055	X
2/13/2021	3,574	9056	X
2/15/2021	3,532	9057	X
2/15/2021	3,532	9058	X
2/15/2021	3,535	9060	X
2/15/2021	3,740	9061	X
2/16/2021	3,532	9059	X
2/16/2021	3,573	9062	X
2/16/2021	2,287	9063	X
2/17/2021	3,589	9064	X
2/17/2021	3,490	9065	X
2/17/2021	3,552	9068	X
2/18/2021	3,381	9069	X
2/18/2021	3,377	9070	X
2/19/2021	3,364	9102	X
2/19/2021	2,700	9103	X
2/19/2021	2,550	9100	X
2/20/2021	3,368	9095	X
2/20/2021	3,175	9099	X
2/22/2021	3,368	9094	X
2/22/2021	3,360	9101	X
2/22/2021	2,142	9176	X
2/22/2021	3,384	9180	X
2/22/2021	2,880	9093	X
2/23/2021	2,730	9178	X
2/23/2021	2,746	9179	X
2/24/2021	3,048	9177	X
2/24/2021	2,801	9092	X
2/24/2021	2,976	9182	X
2/25/2021	2,625	9172	X
2/25/2021	1,848	9170	X
2/25/2021	2,491	9173	X
2/26/2021	2,428	9171	X

Table 4
Summary of Liquids Shipped to
Legacy
(January 01, 2021 - March 31, 2021)

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

2/26/2021	3,048	9186	X
2/26/2021	2,667	9185	X
2/27/2021	3,048	9183	X
2/27/2021	3,024	9184	X
2/28/2021	2,684	9128	X
2/28/2021	3,600	9127	X
2/28/2021	2,552	9124	X
3/2/2021	2,616	9120	
3/2/2021	3,029	9121	
3/2/2021	2,600	9122	
3/2/2021	2,928	9123	
3/2/2021	2,579	9125	
3/2/2021	3,178	9126	
3/2/2021	2,592	9175	
3/3/2021	2,933	9165	
3/3/2021	2,918	9174	
3/3/2021	2,012	9181	
3/6/2021	3,331	9130	
3/6/2021	3,360	9132	
3/6/2021	2,534	9133	
3/8/2021	2,478	9091	
3/8/2021	2,470	9097	
3/8/2021	2,731	9134	
3/8/2021	2,688	9135	
3/8/2021	2,894	9136	
3/8/2021	3,600	9137	
3/9/2021	2,736	9129	
3/9/2021	2,520	9138	
3/9/2021	3,600	9236	
3/9/2021	2,000	9252	
3/10/2021	2,602	9244	
3/10/2021	2,680	9245	
3/10/2021	2,562	9250	
3/10/2021	2,698	9251	
3/11/2021	2,604	9282	
3/12/2021	2,928	9090	
3/12/2021	2,671	9253	
3/12/2021	2,976	9254	
3/12/2021	2,579	9255	
3/13/2021	2,604	9285	
3/13/2021	2,784	9238	

Table 4
Summary of Liquids Shipped to
Legacy
(January 01, 2021 - March 31, 2021)

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

3/13/2021	3,595	9287	
3/13/2021	3,360	9286	
3/15/2021	3,024	9290	
3/15/2021	3,096	9294	
3/15/2021	2,962	9296	
3/15/2021	3,062	9298	
3/15/2021	2,938	9295	
3/15/2021	3,024	9292	
3/15/2021	3,024	9297	
3/15/2021	3,158	9240	
3/15/2021	2,658	9237	
3/16/2021	3,096	9293	
3/16/2021	3,005	9239	
3/16/2021	3,254	9288	
3/16/2021	3,081	9283	
3/16/2021	3,000	9284	
3/16/2021	2,870	9256	
3/17/2021	3,072	9300	
3/17/2021	2,976	9301	
3/17/2021	3,120	9247	
3/17/2021	3,240	8982	
3/17/2021	3,019	8981	
3/17/2021	3,086	9299	
3/17/2021	2,990	9246	
3/18/2021	3,149	9304	
3/18/2021	3,124	9242	
3/18/2021	3,216	9243	
3/18/2021	2,952	9241	
3/18/2021	2,976	9303	
3/18/2021	3,038	9302	
3/19/2021	3,216	9310	
3/19/2021	3,058	9309	
3/19/2021	2,909	9307	
3/19/2021	3,000	9306	
3/19/2021	3,034	9305	
3/19/2021	3,009	8984	
3/20/2021	3,158	9311	
3/20/2021	3,178	9342	
3/20/2021	3,264	9343	
3/20/2021	3,168	9313	
3/22/2021	3,062	9347	

Table 4
Summary of Liquids Shipped to
Legacy
(January 01, 2021 - March 31, 2021)

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

3/22/2021	2,890	9249	
3/22/2021	2,990	9348	
3/22/2021	3,120	9349	
3/22/2021	3,115	9350	
3/22/2021	3,139	9345	
3/22/2021	3,220	9248	
3/22/2021	3,125	9314	
3/22/2021	3,024	9335	
3/23/2021	3,045	9344	
3/23/2021	3,120	9346	
3/23/2021	3,254	9341	
3/23/2021	3,269	9291	
3/23/2021	2,899	9339	
Total	526,737		



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9120**
Job No. **15000**
P.O. No. **308734**
Trk. No. **VT-12**

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO.
CONTACT NAME
DES. OF WASTE:

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2616	2616
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris
Generator Authorized Agent Name

[Signature]
Signature

030221
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Chisw Ngia**
b. Phone No. **936 532 2021** c. Truck No. **VT-12**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. *[Signature]*

030221
Shipment Date

e. Name
f. Address
g. Driver Name/Title
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.

Driver Signature

Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e. Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT
[Signature]

DATE MONTH **3** DAY **2** YEAR **2002**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9121**
Job No. **15000**
P.O. No. **308734**
Trk. No. **VT13**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS _____
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. _____
CONTACT NAME _____
DES. OF WASTE: _____

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE NO. _____
CONTACT NAME _____

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3029	3029
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris
Generator Authorized Agent Name

[Signature]
Signature

030221
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Brandon Edlin**
b. Phone No. _____ c. Truck No. **VT13**
Hazardous Waste Transporter Permits
EPA NCD062536222
d. *[Signature]* **030221**
Driver Signature Shipment Date

e. Name _____
f. Address _____
g. Driver Name/Title _____
h. Phone No. _____ i. Truck No. _____
j. Transporter II Permit Nos. _____

Driver Signature Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
3637 N. Graham Street
Physical Address: **Charlotte, NC 28206**

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT *[Signature]* DATE MONTH **3** DAY **2** YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9122**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT-12**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS _____
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. _____
CONTACT NAME _____
DES. OF WASTE: _____

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE NO. _____
CONTACT NAME _____

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2600	2600
9. (Contains less than 1 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris
Generator Authorized Agent Name

AKC
Signature

030221
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Eliseo Noya**
b. Phone No. **950 532 2021** c. Truck No. **VT-12**

Hazardous Waste Transporter Permits
EPA NCD082536222

d. **[Signature]** **030221**
Driver Signature Shipment Date

e. Name _____
f. Address _____
g. Driver Name/Title _____
h. Phone No. _____ i. Truck No. _____
j. Transporter II Permit Nos. _____

[Signature] **[Signature]**
Driver Signature Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT **Billie Ann Duncan** DATE MONTH **3** DAY **2** YEAR **21**

SIGNATURE OF FACILITY AGENT 	DATE	MONTH 3	DAY 2	YEAR 21
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Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9125**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT-12**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS _____
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. _____
CONTACT NAME _____
DES. OF WASTE: _____

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE NO. _____
CONTACT NAME _____

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2578.8	2578.8
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris
Generator Authorized Agent Name

Al Ch
Signature

030221
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Eliseo Myia**
b. Phone No. **956 532 2021** c. Truck No. **VT-12**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. Safe
Driver Signature

030221
Shipment Date

e. Name _____
f. Address _____
g. Driver Name/Title _____
h. Phone No. _____ i. Truck No. _____
j. Transporter II Permit Nos. _____

Driver Signature

Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT William Duncan DATE MONTH **3** DAY **2** YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9126**
Job No. **15000**
P.O. No. **308734**
Trk. No. **VT 13**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS _____
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. _____
CONTACT NAME _____
DES. OF WASTE: _____

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE NO. _____
CONTACT NAME _____

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3177.6	3177.6
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris
Generator Authorized Agent Name

AK
Signature

030221
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-j)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

a. Driver Name/Title **Brandon Edkins**
b. Phone No. _____ c. Truck No. **VT 13**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. *[Signature]* **030221**
Driver Signature Shipment Date

TRANSPORTER II

e. Name _____
f. Address _____
g. Driver Name/Title _____
h. Phone No. _____ i. Truck No. _____
j. Transporter II Permit Nos. _____

Driver Signature Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e. Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT *[Signature]* DATE MONTH **3** DAY **2** YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9175**
Job No. **15000**
P.O. No. **308734**
Trk. No. **VT13**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERVILLE CONCORD RD**
MAILING ADDRESS _____
CITY **HUNTERVILLE** STATE **NC** ZIP **28078**
PHONE NO. _____
CONTACT NAME _____
DES. OF WASTE: _____

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE NO. _____
CONTACT NAME _____

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2592	2592
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris
Generator Authorized Agent Name

AM CB
Signature

030221
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title *Brandon Eddles*
b. Phone No. _____ c. Truck No. **VT13**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. *[Signature]* 030221
Driver Signature Shipment Date

e. Name _____
f. Address _____
g. Driver Name/Title _____
h. Phone No. _____ i. Truck No. _____
j. Transporter II Permit Nos. _____

[Signature] _____
Driver Signature Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space.

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT *[Signature]* DATE MONTH **3** DAY **2** YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9165**
Job No. **15000**
P.O. No. **308734**
Trk. No. **VT13**

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO.
CONTACT NAME
DES. OF WASTE:

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2933	2933
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Jose Lucas

Generator Authorized Agent Name

[Signature]

Signature

030321

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

a. Driver Name/Title **Brandon Eddins**
b. Phone No. c. Truck No. **VT13**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. *[Signature]*

Driver Signature

030321

Shipment Date

TRANSPORTER II

e. Name
f. Address
g. Driver Name/Title
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.

[Signature]

Driver Signature

030321

Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street
Charlotte, NC 28206**

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333
Charlotte, NC 28237**

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT *[Signature]*

DATE

MONTH

3

DAY

3

YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9174**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT 13**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO.
CONTACT NAME
DES. OF WASTE:

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY			LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE				
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA				
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS				
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA				
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY				
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH				
7.				
8. UN 1993, Combustible Liquids, N.O.S.		2918.4		2918.4
9. (Contains less than 10 percent diesel fuel),				
10. 3, PG III GASOLINE				

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

JOSE /SIAS

Generator Authorized Agent Name

[Signature]

Signature

030321

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

a. Driver Name/Title **Brandon Eddins**
b. Phone No. c. Truck No. **VT 13**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. *[Signature]*

030321

Shipment Date

TRANSPORTER II

e. Name
f. Address
g. Driver Name/Title
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.

[Signature]

Driver Signature

030321

Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
3637 N. Graham Street
Physical Address: **Charlotte, NC 28206**

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT *[Signature]*

DATE

MONTH

3

DAY

3

YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9181**
Job No. **15000**
P.O. No. **308734**
Trk. No. **03-03-21**

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION
NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERVILLE CONCORD RD**
MAILING ADDRESS
CITY **HUNTERVILLE** STATE **NC** ZIP **28078**
PHONE NO.
CONTACT NAME
DES. OF WASTE:

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2011.8	2011.8
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name

Signature

Shipment Date

030321

Section III. TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Eliseo Mejia**
b. Phone No. **956 532 2021** c. Truck No. **NT-12**

Hazardous Waste Transporter Permits
EPA NCD062536222

Driver Signature

Shipment Date

030321

e. Name

f. Address

g. Driver Name/Title

h. Phone No. i. Truck No.

j. Transporter II Permit Nos.

Driver Signature

Shipment Date

030321

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e. Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT **Eliseo Mejia** DATE MONTH **3** DAY **3** YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9130**
Job No. **15000**
P.O. No. **308734**
Trk. No. **VT13**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO.
CONTACT NAME
DES. OF WASTE:

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3331.2	3331.2
9. (Contains less than 1% percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name

Signature

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Brandon Eddins**
b. Phone No. c. Truck No. **VT13**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. Driver Signature Shipment Date **030621**

e. Name
f. Address
g. Driver Name/Title
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.

Driver Signature

Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e. Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT **Bobby Duncan** DATE MONTH **3** DAY **6** YEAR **2021**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9132**
Job No. **15000**
P.O. No. **308734**
Trk. No. **VT12**

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION		WORK CONTRACTED BY	
NAME COLONIAL PIPELINE		Bill To (If different from information at left)	
ORIGINATING ADDRESS 14108 HUNTERVILLE CONCORD RD		NAME	
MAILING ADDRESS		ADDRESS	
CITY HUNTERVILLE	STATE NC	CITY	STATE
ZIP 28078		ZIP	
PHONE NO. (803) 415-7241		PHONE NO.	
CONTACT NAME Jeff Nusbaum		CONTACT NAME	
RES. OF WASTE EMERGENCY CONTACT			

Section II. INVOICE INFORMATION SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3360	3360
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

<u>JOSE SLAS</u>	<u>[Signature]</u>	<u>030621</u>
Generator Authorized Agent Name	Signature	Shipment Date

Section III. TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy		TRANSPORTER II	
ENVIRONMENTAL SERVICES, LLC		e. Name	
P.O. BOX 37333 • CHARLOTTE, N.C. 28237		f. Address	
a. Driver Name/Title <u>Justin Nusbaum</u>		g. Driver Name/Title	
b. Phone No.	c. Truck No. <u>VT-12</u>	h. Phone No.	
Hazardous Waste Transporter Permits		i. Truck No.	
EPA NCD062536222		j. Transporter II Permit Nos.	
d. <u>[Signature]</u>	<u>030621</u>		
Driver Signature	Shipment Date	Driver Signature	
		Shipment Date	

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: <u>Legacy Envir. Serv.</u>	a. Phone No. <u>704-361-5837</u>
Physical Address: <u>3637 N. Graham Street</u>	b. Mailing Address: <u>P.O. Box 37333</u>
<u>Charlotte, NC 28206</u>	<u>Charlotte, NC 28237</u>

e. Discrepancy Indication Space
This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT <u>[Signature]</u>	DATE	MONTH <u>3</u>	DAY <u>6</u>	YEAR <u>21</u>
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Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 9133

Job No. 15000

P.O. No. 308734

Trk. No. VT13

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME COLONIAL PIPELINE
ORIGINATING ADDRESS 14108 HUNTERVILLE CONCORD RD
MAILING ADDRESS
CITY HUNTERVILLE STATE NC ZIP 28078
PHONE NO. (803) 415-7241
CONTACT NAME JEFF NUSBAUM
DES. OF WASTE: EMERGENCY CONTACT

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2534	2534
9. (Contains less than 1 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name

Signature

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

a. Driver Name/Title Brandon Eddins
b. Phone No. c. Truck No. VT13

Hazardous Waste Transporter Permits
EPA NCD062536222

Driver Signature

Shipment Date

TRANSPORTER II

e. Name
f. Address
g. Driver Name/Title
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.

Driver Signature

Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: Legacy Envir. Serv.
Physical Address: 3637 N. Graham Street
Charlotte, NC 28206

a. Phone No. 704-361-5837
b. Mailing Address: P.O. Box 37333
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT Anthony Duggan

DATE

MONTH

3

DAY

6

YEAR

21



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9091**
Job No. **15000**
P.O. No. **308734**
Trk. No. **UT 12**

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD Rd**
MAILING ADDRESS
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2478	2478
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris

Generator Authorized Agent Name

Ad

Signature

030821

Shipment Date

Section III. TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Vikter Busch**
b. Phone No. c. Truck No. **UT 12**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. *Vikter Busch* 030821
Driver Signature Shipment Date

e. Name
f. Address
g. Driver Name / Title
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.

Driver Signature

Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT *William J. ...* DATE MONTH **3** DAY **8** YEAR **2002**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9097**
Job No. **15000**
P.O. No. **308734**
Trk. No. **VT 12**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2469.6	2469.6
9. (Contains less than 10 percent diesel fuel)		
10. 3 PG GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name

Signature

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Viktor Busch**
b. Phone No. **2602370027** c. Truck No. **VT12**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. **Viktor Busch** **030821**
Driver Signature Shipment Date

e. Name
f. Address
g. Driver Name/Title
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.

Driver Signature

Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT **Bullseye Denson** DATE MONTH **3** DAY **8** YEAR **2008**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 - CHARLOTTE, N.C. 28237
(704) 361-5837
FAX: (704) 373-7779

Manifest No. **9134**
Job No. **15000**
P.O. No. **308734**
Trk. No. **VT 13**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCOURSE RD**
MAILING ADDRESS
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **(803) 415-7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (if different from information at left)

ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2731	2731
9. (Contains less than 1% percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris

Generator Authorized Agent Name

Adam Harris

Signature

030821

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 - CHARLOTTE, N.C. 28237

a. Driver Name/Title **Brandon Edwards**
b. Phone No. c. Truck No. **VT 13**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. *Brandon Edwards*
Driver Signature

030821

Shipment Date

TRANSPORTER II

e. Name
f. Address
g. Driver Name/Title
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.

Driver Signature

Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
3637 N. Graham Street
Physical Address: **Charlotte, NC 28206**

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT

Brandon Edwards

DATE

MONTH

3

DAY

8

YEAR

21



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9135**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT13**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS _____
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **(803) 415-7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE NO. _____
CONTACT NAME _____

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2688	2688
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris
Generator Authorized Agent Name

ALC
Signature

030821
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **HI Cook**
b. Phone No. _____ c. Truck No. **VT13**
Hazardous Waste Transporter Permits
EPA NCD062536222
d. *HI Cook*
Driver Signature

030821
Shipment Date

e. Name _____
f. Address _____
g. Driver Name/Title _____
h. Phone No. _____ i. Truck No. _____
j. Transporter II Permit Nos. _____

Driver Signature

Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e. Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT *William R. Ruan* DATE MONTH **3** DAY **8** YEAR **21**

**Legacy**

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9136**Job No. **15000**P.O. No. **308734**Trk. No. **VT 12****NON-HAZARDOUS SPECIAL WASTE****Section I.****GENERATOR** (Generator completes all of Section I)**GENERATOR LOCATION**NAME **COLONIAL PIPELINE**ORIGINATING ADDRESS **14109 HUNTERSVILLE CONCORD RD****MAILING ADDRESS**CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**PHONE NO. **803 415 7241**CONTACT NAME **JEFF NUSBAUM**DES. OF WASTE: **EMERGENCY CONTACT****WORK CONTRACTED BY**

Bill To (If different from information at left)

NAME

ADDRESS

CITY STATE ZIP

PHONE NO.

CONTACT NAME

Section II. INVOICE INFORMATION**SOLIDS GALLONS DRUMS**

DESCRIPTION	QUANTITY		LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE			
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA			
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS			
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA			
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY			
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH			
7.			
8. UN 1993, Combustible Liquids, N.O.S.			
9. (Contains less than 10 percent diesel fuel),			
10. 3, PG III GASOLINE			

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name

Signature

030821

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

a. Driver Name/Title

Brandon Eddins

b. Phone No.

c. Truck No. **VT12**

Hazardous Waste Transporter Permits

EPA NCD062536222

d.

Shipment Date

030821**TRANSPORTER II**

e. Name

f. Address

g. Driver Name / Title

h. Phone No.

i. Truck No.

j. Transporter II Permit Nos.

Driver Signature

Shipment Date

030821**Section IV.****FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL**

Site Name: **Legacy Envir. Serv.**
3637 N. Graham Street
Physical Address: **Charlotte, NC 28206**

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT

DATE

MONTH

3

DAY

8

YEAR

21



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9137**
Job No. **15000**
P.O. No. **308734**
Trk. No. **VT13**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS _____
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

PHONE NO. _____

CONTACT NAME _____

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3600	3600
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name

Signature

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Bardon Eddie**

b. Phone No. _____

c. Truck No. **VT13**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. Driver Signature

Shipment Date

e. Name _____

f. Address _____

g. Driver Name/Title _____

h. Phone No. _____

i. Truck No. _____

j. Transporter II Permit Nos. _____

Driver Signature

Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e. Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

DATE

MONTH

DAY

YEAR

3

8

21



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 378-7779

Manifest No. **9129**
Job No. **15000**
P.O. No. **308734**
Trk. No. **VT13**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**

ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCERN RD**

MAILING ADDRESS

CITY **HUNTERSVILLE** STATE **NC** ZIP **28079**

PHONE NO.

CONTACT NAME **JEFF NUSBAUM**

DEC. OF WASTE **Emulsified - 803-915-7241**

WORK CONTRACTED BY

SEE T.O. IF DIFFERENT FROM INFORMATION AT LEFT

ADDRESS

CITY STATE ZIP

PHONE NO.

CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2736	2736
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Jeff Nusbaum
Generator Authorized Agent Name

Jeff Nusbaum
Signature

030921
Shipment Date

Section III. TRANSPORTER

TRANSPORTER II

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

a. Driver Name/Title **Jeff Nusbaum**

b. Phone No. **803-915-7241** ; Truck No. **VT13**

Hazardous Waste Transporter Permit
EPA NUMBER

Jeff Nusbaum
Signature

030921
Shipment Date

a. Name

b. Address

c. Driver Name/Title

d. Phone No.

e. Transporter I Permit No.

Driver Signature

Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT

Jeff Nusbaum

DATE

MONTH **3**

DAY **9**

YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9138**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT 12**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**

ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**

MAILING ADDRESS

CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**

PHONE NO. **(803) 415-7241**

CONTACT NAME **JEFF NUSBAUM**

DES. OF WASTE **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME

ADDRESS

CITY STATE ZIP

PHONE NO.

CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION

QUANTITY

LINE TOTAL

1. NON-HAZ MINERAL OIL FOR RECYCLE			
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA			
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS			
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA			
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY			
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH			
7.			
8. UN 1993, Combustible Liquids, N.O.S.			
9. (Contains less than 1% percent diesel fuel),	2520		2520
10. 3, PG III GASOLINE			

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name

Signature

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Barker Edges**

b. Phone No. c. Truck No. **VT 12**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. Driver Signature

Shipment Date

e. Name

f. Address

g. Driver Name/Title

h. Phone No. i. Truck No.

j. Transporter II Permit Nos.

Driver Signature

Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name:

Legacy Envir. Serv.

Physical Address:

3637 N. Graham Street
Charlotte, NC 28206

a. Phone No.

704-361-5837

b. Mailing Address:

P.O. Box 37333

Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT

DATE

MONTH

3

DAY

9

YEAR 21



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9236**
Job No. **15000**
P.O. No. **308734**
Trk. No. **VT13**

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)	
GENERATOR LOCATION	
NAME COLONIAL PIPELINE	WORK CONTRACTED BY Bill To (If different from information at left)
ORIGINATING ADDRESS 14108 HUNTERSVILLE CONCORD	NAME
MAILING ADDRESS	ADDRESS
CITY HUNTERSVILLE STATE NC ZIP 28078	CITY STATE ZIP
PHONE NO. 803 415 7241	PHONE NO.
CONTACT NAME JEFF NUSBAUM	CONTACT NAME
DES. OF WASTE: EMERGENCY CONTACT	

Section II. INVOICE INFORMATION	SOLIDS	GALLONS	DRUMS
DESCRIPTION	QUANTITY		LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE			
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA			
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS			
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA			
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY			
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH			
7.			
8. UN 1993, Combustible Liquids, N.O.S.		3600	3600
9. (Contains less than 10 percent diesel fuel),			
10. 3, PG III GASOLINE			

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

JOSE SLAS

Generator Authorized Agent Name

[Signature]
Signature

030921
Shipment Date

Section III. TRANSPORTER		TRANSPORTER II	
Legacy ENVIRONMENTAL SERVICES, LLC P.O. BOX 37333 • CHARLOTTE, N.C. 28237		e. Name	
a. Driver Name/Title Brandon Edders		f. Address	
b. Phone No. c. Truck No. VT13		g. Driver Name/Title	
Hazardous Waste Transporter Permits EPA NCD062536222		h. Phone No. i. Truck No.	
d. [Signature] 030921 Driver Signature Shipment Date		j. Transporter II Permit Nos.	
		e. Name	
		f. Address	
		g. Driver Name/Title	
		h. Phone No. i. Truck No.	
		j. Transporter II Permit Nos.	
		e. Name	
		f. Address	
		g. Driver Name/Title	
		h. Phone No. i. Truck No.	
		j. Transporter II Permit Nos.	

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL			
Site Name: Legacy Envir. Serv.	a. Phone No. 704-361-5837		
Physical Address: 3637 N. Graham Street	b. Mailing Address: P.O. Box 37333		
Charlotte, NC 28206	Charlotte, NC 28237		
e. Discrepancy Indication Space			
This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.			
SIGNATURE OF FACILITY AGENT [Signature]	DATE	MONTH 3	DAY 9 YEAR 21



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9252**
Job No. **15000**
P.O. No. **308734**
Trk. No. **VT14**

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERVILLE CONCORD RD**
MAILING ADDRESS **14108 HUNTERVILLE CONCORD RD**
CITY **HUNTERVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE NO. _____
CONTACT NAME _____

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.		
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE	2000	2000

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name

Signature

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Brandon Eddins**

b. Phone No. _____ c. Truck No. **VT14**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. Driver Signature

030921

Shipment Date

e. Name _____

f. Address _____

g. Driver Name/Title _____

h. Phone No. _____ i. Truck No. _____

j. Transporter II Permit Nos. _____

Driver Signature

Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e. Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT

DATE

MONTH

DAY

YEAR

3

9

21



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9244**
Job No. **15000**
P.O. No. **308734**
Trk. No. **VT13**

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION
NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERVILLE CONCORD RD**
MAILING ADDRESS
CITY **HUNTERVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 915 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2602	2602
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris
Generator Authorized Agent Name

AL CH
Signature

031021
Shipment Date

Section III. TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Brandon Edwards**
b. Phone No. c. Truck No. **VT13**
Hazardous Waste Transporter Permits
EPA NCD062536222
d. *[Signature]* **031021**
Driver Signature Shipment Date

e. Name
f. Address
g. Driver Name/Title
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.
[Signature]
Driver Signature
031021
Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.** a. Phone No. **704-361-5837**
Physical Address: **3637 N. Graham Street** P.O. Box 37333
Charlotte, NC 28206 b. Mailing Address: **Charlotte, NC 28237**

e. Discrepancy Indication Space.

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT *[Signature]* DATE MONTH 3 DAY 10 YEAR 21



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9245**
Job No. **15000**
P.O. No. **308734**
Trk. No. **VT-12**

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS _____
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE NO. _____
CONTACT NAME _____

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2680	2680
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris
Generator Authorized Agent Name

[Signature]
Signature

031021
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Eliseo Maya**
b. Phone No. **956 532 2021** c. Truck No. **VT-12**

Hazardous Waste Transporter Permits
EPA NCP062586222

d. *[Signature]* **031021**
Driver Signature Shipment Date

e. Name _____
f. Address _____
g. Driver Name/Title _____
h. Phone No. _____ i. Truck No. _____
j. Transporter II Permit Nos. _____

[Signature] **031021**
Driver Signature Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e. Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT *[Signature]* DATE MONTH **3** DAY **10** YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9250**
Job No. **15000**
P.O. No. **308734**
Trk. No. **VT-12**

NON-HAZARDOUS SPECIAL WASTE

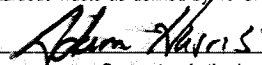
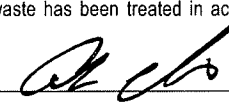
Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION NAME COLONIAL PIPELINE ORIGINATING ADDRESS 14108 HUNTERSVILLE CONCORD RD MAILING ADDRESS _____ CITY HUNTERSVILLE STATE NC ZIP 28078 PHONE NO. 803 915 7241 CONTACT NAME JEFF NUSBAUM DES. OF WASTE EMERGENCY CONTACT	WORK CONTRACTED BY Bill To (If different from information at left) NAME _____ ADDRESS _____ CITY _____ STATE _____ ZIP _____ PHONE NO. _____ CONTACT NAME _____
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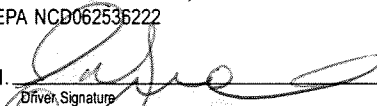
Section II. INVOICE INFORMATION SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2562	2562
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

 Generator Authorized Agent Name	 Signature	031021 Shipment Date
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Section III. TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy ENVIRONMENTAL SERVICES, LLC P.O. BOX 37333 • CHARLOTTE, N.C. 28237	TRANSPORTER II
a. Driver Name/Title Eliseo Mejia	e. Name _____
b. Phone No. 9565322021	f. Address _____
c. Truck No. VT-12	g. Driver Name/Title _____
Hazardous Waste Transporter Permits EPA NCD062536222	h. Phone No. _____ i. Truck No. _____
d.  Driver Signature	j. Transporter II Permit Nos. _____
031021 Shipment Date	 Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: Legacy Envir. Serv.	a. Phone No. 704-361-5837
Physical Address: 3637 N. Graham Street	b. Mailing Address: P.O. Box 37333
Charlotte, NC 28206	Charlotte, NC 28237

e. Discrepancy Indication Space
This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT 	DATE	MONTH 3	DAY 10	YEAR 21
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Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9251**
Job No. **15000**
P.O. No. **308734**
Trk. No. **VT13**

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION		WORK CONTRACTED BY	
NAME COLONIAL PIPELINE		Bill To (If different from information at left)	
ORIGINATING ADDRESS 14108 HUNTERVILLE CONCORD RD		NAME	
MAILING ADDRESS		ADDRESS	
CITY HUNTERVILLE	STATE NC	CITY	STATE
ZIP 28078		ZIP	
PHONE NO. 803 415 7241		PHONE NO.	
CONTACT NAME JEFF NUSBAUM		CONTACT NAME	
DES. OF WASTE: EMERGENCY CONTACT			

Section II. INVOICE INFORMATION SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2698	2698
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

<u>JOSE ISLAS</u>	<u>[Signature]</u>	<u>031021</u>
Generator Authorized Agent Name	Signature	Shipment Date

Section III. TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-j)

Legacy ENVIRONMENTAL SERVICES, LLC P.O. BOX 37333 • CHARLOTTE, N.C. 28237		TRANSPORTER II	
a. Driver Name/Title <u>Brandon Eddins</u>		e. Name	
b. Phone No. _____ c. Truck No. <u>VT13</u>		f. Address	
Hazardous Waste Transporter Permits EPA NCD062536222		g. Driver Name/Title	
d. <u>[Signature]</u>		h. Phone No. _____ i. Truck No. _____	
Driver Signature		j. Transporter II Permit Nos.	
<u>031021</u>			
Shipment Date			
		Driver Signature	
		Shipment Date	

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: <u>Legacy Envir. Serv.</u>	a. Phone No. <u>704-361-5837</u>
Physical Address: <u>3637 N. Graham Street</u>	P.O. Box <u>37333</u>
<u>Charlotte, NC 28206</u>	b. Mailing Address: <u>Charlotte, NC 28237</u>

e. Discrepancy Indication Space
This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for oil/water separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first-in, first-out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT <u>Jeff Nusbaum</u>	DATE	MONTH <u>3</u>	DAY <u>10</u>	YEAR <u>2002</u>
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Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9282**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT-12**

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS _____
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (if different from information at left)

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE NO. _____
CONTACT NAME _____

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2604	2604
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name

Signature

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Eliseo Mejia**
b. Phone No. **956 532 2021** c. Truck No. **VT-12**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. **[Signature]** **03/1/21**
Driver Signature Shipment Date

e. Name _____
f. Address _____
g. Driver Name/Title _____
h. Phone No. _____ i. Truck No. _____
j. Transporter II Permit Nos. _____

[Signature] **[] [] [] [] [] []**
Driver Signature Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT **[Signature]** DATE MONTH **3** DAY **11** YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9090**

Job No. **15000**

P.O. No. **308734**

Trk. No. **UT13**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DEG. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2928	2928
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

[Signature]
Generator Authorized Agent Name

[Signature]
Signature

031221
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

a. Driver Name/Title **Brandon Eddins**
b. Phone No. c. Truck No. **UT13**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. *[Signature]* **031221**
Driver Signature Shipment Date

TRANSPORTER II

e. Name
f. Address
g. Driver Name / Title
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.

[Signature]
Driver Signature

031221
Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT *[Signature]* DATE MONTH **3** DAY **12** YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9253**
Job No. **15000**
P.O. No. **308734**
Trk. No. **VT-12**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD Rd**
MAILING ADDRESS _____
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE NO. _____
CONTACT NAME _____

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2671	2671
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Penny Wooten
Generator Authorized Agent Name

Signature

031221
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Eliseo Mejia**
b. Phone No. **956532 2021** c. Truck No. **VT-12**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. *Eliseo*
Driver Signature

031221
Shipment Date

e. Name _____
f. Address _____
g. Driver Name/Title _____
h. Phone No. _____ i. Truck No. _____
j. Transporter II Permit Nos. _____

Driver Signature

031221
Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT *Jeff Nussbaum* DATE MONTH **3** DAY **12** YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9254**
Job No. **15000**
P.O. No. **308734**
Trk. No. **VT17**

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS _____
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE NO. _____
CONTACT NAME _____

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2976	2976
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

JOSE ISLAS

Generator Authorized Agent Name

[Signature]
Signature

03/22/11
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Braden Eddins**
b. Phone No. _____ c. Truck No. **VT13**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. *[Signature]*
Driver Signature

03/22/11
Shipment Date

e. Name _____
f. Address _____
g. Driver Name/Title _____
h. Phone No. _____ i. Truck No. _____
j. Transporter II Permit Nos. _____

[Signature]
Driver Signature

Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street
Charlotte, NC 28206**

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333
Charlotte, NC 28237**

e. Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT

[Signature]

DATE MONTH **3** DAY **12** YEAR **2011**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9255**
Job No. **15000**
P.O. No. **308734**
Trk. No. **VT-12**

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION	WORK CONTRACTED BY
NAME COLONIAL PIPELINE	Bill To (If different from information at left)
ORIGINATING ADDRESS 14108 HUNTERSVILLE CONCORD Rd	NAME _____
MAILING ADDRESS _____	ADDRESS _____
CITY HUNTERSVILLE STATE NC ZIP 28078	CITY _____ STATE _____ ZIP _____
PHONE NO. 803 415 7241	PHONE NO. _____
CONTACT NAME JEFF NUSBAUM	CONTACT NAME _____
DES. OF WASTE: EMERGENCY CONTACT	

Section II. INVOICE INFORMATION SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2579	2579
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name Stan Morris Signature Al Ch Shipment Date **03/22/1**

Section III. TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy ENVIRONMENTAL SERVICES, LLC P.O. BOX 37333 • CHARLOTTE, N.C. 28237	TRANSPORTER II
a. Driver Name/Title Eliseo Mejia	e. Name _____
b. Phone No. 956 532 2021 c. Truck No. VT-12	f. Address _____
Hazardous Waste Transporter Permits EPA NCD082536222	g. Driver Name/Title _____
d. <u>Signature</u> 03/22/1 Shipment Date	h. Phone No. _____ i. Truck No. _____
	j. Transporter II Permit Nos. _____
	Driver Signature _____ Shipment Date _____

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: Legacy Envir. Serv.	a. Phone No. 704-361-5837
Physical Address: 3637 N. Graham Street	P.O. Box 37333
Charlotte, NC 28206	b. Mailing Address: Charlotte, NC 28237

e. Discrepancy Indication Space _____
This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT Signature DATE MONTH **3** DAY **12** YEAR **2011**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9285**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VI 12**

NON-HAZARDOUS SPECIAL WASTE

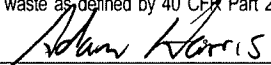
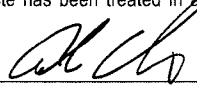
Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION		WORK CONTRACTED BY	
NAME COLONIAL PIPELINE		Bill To (If different from information at left)	
ORIGINATING ADDRESS 14108 HUNTERSVILLE CONCORD RD		NAME	
MAILING ADDRESS		ADDRESS	
CITY HUNTERSVILLE	STATE NC	CITY	STATE
ZIP 28078		ZIP	
PHONE NO. 803 415 7241		PHONE NO.	
CONTACT NAME JEFF NUSBAUM		CONTACT NAME	
DES. OF WASTE: EMERGENCY CONTACT			

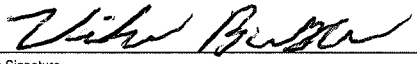
Section II. INVOICE INFORMATION SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2604	2604
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

 Generator Authorized Agent Name	 Signature	031321 Shipment Date
--	--	------------------------------------

Section III. TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-j)

Legacy ENVIRONMENTAL SERVICES, LLC P.O. BOX 37333 • CHARLOTTE, N.C. 28237		TRANSPORTER II	
a. Driver Name/Title Viktor Busch		e. Name	
b. Phone No. _____ c. Truck No. VT 12		f. Address	
Hazardous Waste Transporter Permits EPA NCD062536222		g. Driver Name/Title	
d.  Driver Signature		h. Phone No. _____ i. Truck No. _____	
031321 Shipment Date		j. Transporter II Permit Nos. _____ _____ _____	
		 Shipment Date	

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: Legacy Envir. Serv.	a. Phone No. 704-361-5837
Physical Address: 3637 N. Graham Street	b. Mailing Address: P.O. Box 37333
Charlotte, NC 28206	Charlotte, NC 28237

e. Discrepancy Indication Space
This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT 	DATE	MONTH 3	DAY 13	YEAR 21
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Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9238**
Job No. **15000**
P.O. No. **308734**
Trk. No. **UT13**

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERVILLE CONCORD RD**
MAILING ADDRESS
CITY **HUNTERVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 915 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2784	2784
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris
Generator Authorized Agent Name

OK
Signature

03/13/21
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Brandon Eddins**
b. Phone No. c. Truck No. **UT13**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. *BC*
Driver Signature Shipment Date **03/13/21**

e. Name
f. Address
g. Driver Name/Title
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.

Driver Signature Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT *Jeff Nusbaum* DATE MONTH 3 DAY 13 YEAR 21



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9287**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT 13**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3595	3595
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris

Generator Authorized Agent Name

AL

Signature

031321

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

a. Driver Name/Title **Vikar Busch**
b. Phone No. c. Truck No. **VT 13**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. *Vikar Busch*

031321

Driver Signature

Shipment Date

TRANSPORTER II

e. Name
f. Address
g. Driver Name/Title
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.

Driver Signature

Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
3637 N. Graham Street
Physical Address: **Charlotte, NC 28206**

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT *Jeff Nusbaum* DATE MONTH **3** DAY **13** YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9286**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT12**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD**
MAILING ADDRESS
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME **RP**
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3360	3360
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam H. H. 11/15
Generator Authorized Agent Name

Alld
Signature

031321
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

a. Driver Name/Title **Randy Edwards**
b. Phone No. c. Truck No. **VT12**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. **JEFF NUSBAUM** **031321**
Driver Signature Shipment Date

TRANSPORTER II

e. Name
f. Address
g. Driver Name/Title
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.

031321
Driver Signature Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e. Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT **Jeff Nusbaum** DATE MONTH **3** DAY **13** YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9290**
Job No. **15000**
P.O. No. **308734**
Trk. No. **VT13**

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION		WORK CONTRACTED BY	
NAME COLONIAL PIPELINE		Bill To (If different from information at left)	
ORIGINATING ADDRESS 14108 HUNTERSVILLE CONCORD RD		NAME _____	
MAILING ADDRESS _____		ADDRESS _____	
CITY HUNTERSVILLE	STATE NC	CITY _____	STATE _____
ZIP 28078		ZIP _____	
PHONE NO. 803 415 7241		PHONE NO. _____	
CONTACT NAME JEFF NUSBAUM		CONTACT NAME _____	
DES. OF WASTE: EMERGENCY CONTACT			

Section II. INVOICE INFORMATION

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3024	3024
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

<u>Adam Harris</u> Generator Authorized Agent Name	<u>[Signature]</u> Signature	<u>031521</u> Shipment Date
---	---------------------------------	--------------------------------

Section III. TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy ENVIRONMENTAL SERVICES, LLC P.O. BOX 37333 • CHARLOTTE, N.C. 28237		TRANSPORTER II	
a. Driver Name/Title <u>Brandon Edders</u>		e. Name _____	
b. Phone No. _____ c. Truck No. <u>VT13</u>		f. Address _____	
Hazardous Waste Transporter Permits EPA NCD062536222		g. Driver Name/Title _____	
d. <u>[Signature]</u> Driver Signature		h. Phone No. _____ i. Truck No. _____	
<u>031521</u> Shipment Date		j. Transporter II Permit Nos. _____	
		<u>[Signature]</u> Driver Signature	
		<u>[Signature]</u> Shipment Date	

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: <u>Legacy Envir. Serv.</u>		a. Phone No. <u>704-361-5837</u>	
Physical Address: <u>3637 N. Graham Street</u>		P.O. Box <u>37333</u>	
<u>Charlotte, NC 28206</u>		b. Mailing Address: <u>Charlotte, NC 28237</u>	
e: Discrepancy Indication Space			
This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.			
SIGNATURE OF FACILITY AGENT <u>Jeff Nusbaum</u>	DATE	MONTH <u>3</u>	DAY <u>15</u> YEAR <u>21</u>



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9294**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT 12**

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete a-i; Transporter I complete e-g; Transporter II complete h-n)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS _____
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF MUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (if different from information at left)

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE NO. _____
CONTACT NAME _____

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3096	3096
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris

Generator Authorized Agent Name

Al C

Signature

031521

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Eliseo Mayra**
b. Phone No. **956 532 2021** c. Truck No. **VT-12**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. *Eliseo Mayra*

031521

Shipment Date

e. Name _____
f. Address _____
g. Driver Name/Title _____
h. Phone No. _____ i. Truck No. _____
j. Transporter II Permit Nos. _____

Driver Signature

Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT

J-H Nurbalem

DATE

MONTH

3

DAY

15

YEAR

21



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9296**
Job No. **15000**
P.O. No. **308734**
Trk. No. **V113**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2961.6	2961.6
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris

Generator Authorized Agent Name

AK

Signature

0311321

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

a. Driver Name/Title **Dan Eddins**
b. Phone No. c. Truck No. **V113**

Hazardous Waste Transporter Permits
EPA NCD062536222

DC

Driver Signature

0311321

Shipment Date

TRANSPORTER II

e. Name
f. Address
g. Driver Name/Title
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.

Driver Signature

Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT *Jeff Nusbaum* DATE MONTH 3 DAY 15 YEAR 21



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9298**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT13**

63.8

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**

MAILING ADDRESS

CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**

PHONE NO. **803 415 7241**

CONTACT NAME **JEFF NUSBAUM**

DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME

ADDRESS

CITY STATE ZIP

PHONE NO.

CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Comb. Stable Liquids, N.O.S. (Contains less than 1% percent diesel fuel), 3, PG III GASOLINE	3062	3062
9.		
10.		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris
Generator Authorized Agent Name

[Signature]
Signature

031521
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

a. Driver Name/Title Brandon Eddins

b. Phone No. c. Truck No. VT13

Hazardous Waste Transporter Permits
EPA NCD062536222

d. [Signature] 031521
Driver Signature Shipment Date

TRANSPORTER II

e. Name

f. Address

g. Driver Name/Title

h. Phone No. i. Truck No.

j. Transporter II Permit Nos.

[Signature] [Signature]
Driver Signature Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: Legacy Envir. Serv.
Physical Address: 3637 N. Graham Street
Charlotte, NC 28206

a. Phone No. 704-361-5837
b. Mailing Address: P.O. Box 37333
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT [Signature] DATE MONTH 3 DAY 15 YEAR 21



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9295**

Job No. **15000**

P.O. No. **308734**

Trk. No. **V113**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **RM EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2938	2938
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris
Generator Authorized Agent Name

AK
Signature
031521
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

a. Driver Name/Title **Brandon Edder**
b. Phone No. c. Truck No. **V113**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. **BE**
Driver Signature
031521
Shipment Date

TRANSPORTER II

e. Name
f. Address
g. Driver Name/Title
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.

031521
Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT **JAH Nussbaum** DATE MONTH **3** DAY **15** YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9292**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT12**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**

MAILING ADDRESS

CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**

PHONE NO. **803 415 7241**

CONTACT NAME **JEFF NUSBAUM**

DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

PHONE NO. _____

CONTACT NAME _____

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3024	3024
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris

Generator Authorized Agent Name

AL

Signature

031521

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Eliseo Moya**

b. Phone No. **950 532 2021** c. Truck No. **VT12**

Hazardous Waste Transporter/Permits
EPA NCD062536222

d. *[Signature]*

031521

Shipment Date

e. Name _____

f. Address _____

g. Driver Name/Title _____

h. Phone No. _____ i. Truck No. _____

j. Transporter II Permit Nos. _____

Driver Signature

031521

Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e. Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first-out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT *Jeff Nusbaum* DATE MONTH **3** DAY **15** YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9297**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT12**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3024	3024
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris

Generator Authorized Agent Name

ac

Signature

031521

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Eliseo Mejia**
b. Phone No. **956 532 2021** c. Truck No. **VT12**
Hazardous Waste Transporter Permits
EPA NCD062536222

e. Name
f. Address
g. Driver Name/Title
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.

d. *[Signature]* 031521
Shipment Date

Driver Signature
Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e. Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT *[Signature]* DATE MONTH **3** DAY **15** YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9240**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT-12**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3158.4	3158.4
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name

Signature

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Chase Mejia**
b. Phone No. **956-532-2021** c. Truck No. **VT-12**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. Driver Signature **[Signature]** Shipment Date **031521**

e. Name

f. Address

g. Driver Name/Title

h. Phone No. i. Truck No.

j. Transporter II Permit Nos.

Driver Signature

Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e. Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT **[Signature]** DATE MONTH **3** DAY **15** YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9237**
Job No. **15000**
P.O. No. **308734**
Trk. No. **VT-12**

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION
NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY
Bill To (If different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2658	2658
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name

Signature

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Eliseo Mejia**
b. Phone No. **956 532 2021** c. Truck No. **VT-12**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. **[Signature]** **03/15/21**
Shipment Date

e. Name
f. Address
g. Driver Name/Title
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.

Driver Signature

Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e. Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT **[Signature]** DATE MONTH **3** DAY **15** YEAR **21**



64.5

Legacy
 ENVIRONMENTAL SERVICES, LLC
 P.O. BOX 37333 - CHARLOTTE, N.C. 28237
 (704) 361-5837
 FAX (704) 375-1775

Manifest No. **9293**
 Job No. **6000**
 P.O. No. **34734**
 Tr. No. **VT12**

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR

GENERATOR LOCATION

NAME **COLONIAL PIPE LINE**
 ORIGINATING ADDRESS **14108 HUNTERSVILLE CONTAINMENT**
 MAILING ADDRESS
 CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
 PHONE NO. **803 415 7241**
 CONTACT NAME **JEFF NUSBAUM**
 DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED FOR

DOT 12.1 (Hazardous Waste Information & Labeling)

NAME

ADDRESS

CITY _____ STATE _____ ZIP _____

PHONE NO.

CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3096	3096
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris
 Generator Authorized Agent Name

ACT
 Signature

03/16/21
 Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator completes and Transporter completes up to Transporter's completion box)

Legacy

ENVIRONMENTAL SERVICES, LLC
 P.O. BOX 37333 - CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Eliseo Negia**
 b. Phone No. **956 532 2021** c. Truck No. **VT 12**

Hazardous Waste Transporter Permits
 EPA NO. 0000000000

[Signature]
 Driver Signature

03/16/21
 Shipment Date

a. Name _____

b. Address _____

c. Driver Name/Title _____

d. Phone No. _____ Truck No. _____

e. Transporter's Permit No. _____

[] [] [] [] []
 Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
 Physical Address: **3637 N. Graham Street
 Charlotte, NC 28206**

a. Phone No. **704-361-5837**
 b. Mailing Address: **P.O. Box 37333
 Charlotte, NC 28237**

e. Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, or solvents, and released into the sewerage system for pretreatment separation. (3) Solids from treatment systems are hauled to EPA approved facilities for proper disposal. Manifest and certificate of disposal are in file. (4) The treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT *Jeff Nussbaum* DATE MONTH **3** DAY **16** YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9239**
Job No. **15000**
P.O. No. **308738**
Trk. No. **VT12**

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)	
GENERATOR LOCATION	WORK CONTRACTED BY
NAME COLONIAL PIPELINE	Bill To (If different from information at left)
ORIGINATING ADDRESS 14108 HUNTERSVILLE CONCORD RD	NAME
MAILING ADDRESS	ADDRESS
CITY HUNTERSVILLE STATE NC ZIP 28078	CITY STATE ZIP
PHONE NO. 803 415 7241	PHONE NO.
CONTACT NAME JEFF NUSBAUM	CONTACT NAME
DES. OF WASTE EMERGENCY CONTACT	

Section II. INVOICE INFORMATION	SOLIDS	GALLONS	DRUMS
DESCRIPTION	QUANTITY		LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE			
2. PETROLEUM/CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA			
3. OFF-SPEC LIGHT OIL DIESEL OR GAS PUMPED FROM TANKS OR DRUMS			
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA			
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY			
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH			
7.			
8. UN 1993, Combustible Liquids, N.O.S.		3005	3005
9. (Contains less than 1 percent diesel fuel),			
10. 3, PG III GASOLINE			

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris
Generator Authorized Agent Name

AK
Signature

031621
Shipment Date

Section III. TRANSPORTER	TRANSPORTER II
Legacy ENVIRONMENTAL SERVICES, LLC P.O. BOX 37333 • CHARLOTTE, N.C. 28237	e. Name
a. Driver Name/Title Chiseo Mejia	f. Address
b. Phone No. 956 532 2021 c. Truck No. VT-12	g. Driver Name/Title
Hazardous Waste Transporter Permits EPA NCD082536222	h. Phone No. i. Truck No.
d. <i>[Signature]</i> 031621 Shipment Date	j. Transporter II Permit Nos.
	Driver Signature
	Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL	
Site Name: Legacy Envir. Serv.	a. Phone No. 704-361-5837
Physical Address: 3637 N. Graham Street	b. Mailing Address: P.O. Box 37333
Charlotte, NC 28206	Charlotte, NC 28237

ex: Discrepancy Indication Space
This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to EPA approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT *Jeff Nusbaum* DATE MONTH **3** DAY **16** YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9288**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT 12**

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD Rd**
MAILING ADDRESS
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3254	3254
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Jose Loras

Generator Authorized Agent Name

[Signature]

Signature

03/16/21

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-i)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title *Abiged Meyer*
b. Phone No. *956 532 202* c. Truck No. *VT-12*
Hazardous Waste Transporter Permits
EPA ID: D062536222

e. Name
f. Address
g. Driver Name/Title
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.

03/16/21

Shipment Date

03/16/21

Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street
Charlotte, NC 28206**

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333
Charlotte, NC 28237**

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flow through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT

Jeff Nusbaum

DATE

MONTH

3

DAY

16

YEAR

21



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9283**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT13**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator completes all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (if different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3081	3081
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Jose Blas
Generator Authorized Agent Name

[Signature]
Signature

031621
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name / Title **Brandon Edkins**
b. Phone No. c. Truck No. **VT13**
Hazardous Waste Transporter Permits
EPA NCD062536222
d. *[Signature]* **031621**
Driver Signature Shipment Date

e. Name
f. Address
g. Driver Name / Title
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.
[Signature] **031621**
Driver Signature Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT

[Signature]

DATE

MONTH

3

DAY

16

YEAR 21



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 375-7775

Manifest No. **9284**
Job No. **15000**
P.O. No. **308734**
Trk. No. **UT13**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (if different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY			LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE				
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA				
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS				
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA				
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY				
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH				
7.				
8. UN 1993, Combustible Liquids, N.O.S.				
9. (Contains less than 10 percent diesel fuel),				
10. 3, PG III GASOLINE			3000	3000

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Morris
Generator Authorized Agent Name

Alt
Signature

031621
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title Brandon Eddins
b. Phone No. _____ c. Truck No. UT13
Hazardous Waste Transporter Permits
EPA NCD062536222
d. [Signature] 031621
Driver Signature Shipment Date

e. Name _____
f. Address _____
g. Driver Name/Title _____
h. Phone No. _____ i. Truck No. _____
j. Transporter II Permit Nos. _____

Driver Signature Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: Legacy Envir. Serv.
Physical Address: 3637 N. Graham Street
Charlotte, NC 28206

a. Phone No. 704-361-5837
b. Mailing Address: P.O. Box 37333
Charlotte, NC 28237

e. Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT Jeff Nusbaum DATE MONTH 3 DAY 16 YEAR 21

MONTH	3	DAY	16	YEAR	21
-------	---	-----	----	------	----



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9300**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT12**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS _____
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

PHONE NO. _____

CONTACT NAME _____

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.		
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE	3072	3072

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris

Generator Authorized Agent Name

Adam Harris

Signature

031721

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Eliseo Mejia**
b. Phone No. **956 532 2021** c. Truck No. **VT12**

Hazardous Waste Transporter Permits
EPA NCD062536222

Eliseo Mejia

031721

Shipment Date

e. Name _____

f. Address _____

g. Driver Name / Title _____

h. Phone No. _____ i. Truck No. _____

j. Transporter II Permit Nos. _____

Driver Signature

Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
3637 N. Graham Street
Physical Address: **Charlotte, NC 28206**

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT

Adam Harris

DATE

MONTH **3**

DAY **17**

YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9301**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT13**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME

ADDRESS

CITY STATE ZIP

PHONE NO.

CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S. (Contains less than 1% percent diesel fuel),	2976	2976
9.		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris

Generator Authorized Agent Name

AK

Signature

031721

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

a. Driver Name/Title

Brandon Edkins

b. Phone No.

c. Truck No.

VT13

Hazardous Waste Transporter Permits
EPA NCD062536222

d. *RE*

Driver Signature

031721

Shipment Date

TRANSPORTER II

e. Name

f. Address

g. Driver Name/Title

h. Phone No.

i. Truck No.

j. Transporter II Permit Nos.

Driver Signature

Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e. Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT

Jeff Nusbaum

DATE

MONTH **3**

DAY **17**

YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9247**
Job No. **15000**
P.O. No. **308734**
Trk. No. **VT13**

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERVILLE CONCORD RD**
MAILING ADDRESS
CITY **HUNTERVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3120	3120
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

[Signature]
Generator Authorized Agent Name

[Signature]
Signature

0311721
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-i)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Barbara Eddins**
b. Phone No. c. Truck No. **VT13**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. *[Signature]* **0311721**
Driver Signature Shipment Date

e. Name
f. Address
g. Driver Name/Title
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.

[Signature]
Driver Signature

0311721
Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street
Charlotte, NC 28206**

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333
Charlotte, NC 28237**

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT *[Signature]* DATE MONTH **3** DAY **17** YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **8982**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT 13**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3240	3240
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris
Generator Authorized Agent Name

Ch. No.
Signature
031721
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

a. Driver Name/Title **Brandon Ebbins**
b. Phone No. c. Truck No. **VT 13**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. Beal
Driver Signature
031721
Shipment Date

TRANSPORTER II

e. Name
f. Address
g. Driver Name/Title
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.

Beal
Driver Signature
031721
Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
3637 N. Graham Street
Physical Address: **Charlotte, NC 28206**

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e. Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT Jeff Nusbaum DATE MONTH **3** DAY **17** YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **8981**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT 12**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS _____
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE NO. _____
CONTACT NAME _____

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.		
9. (Contains less than 1% percent diesel fuel)	3019	3019
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

JOSE ISLAS

Generator Authorized Agent Name

[Signature]
Signature

031721

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Cliseo Uegia**
b. Phone No. **956 532 2021** c. Truck No. **VT 12**

Hazardous Waste Transporter Permits
EPA NCD082535222

[Signature]
Driver Signature

031721

Shipment Date

e. Name _____
f. Address _____
g. Driver Name/Title _____
h. Phone No. _____ i. Truck No. _____
j. Transporter II Permit Nos. _____

Driver Signature

031721

Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
3637 N. Graham Street
Physical Address: **Charlotte, NC 28206**

a. Phone No. **704-361-5837**
P.O. Box 37333
b. Mailing Address: **Charlotte, NC 28237**

e. Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT

[Signature]

DATE

MONTH **3**

DAY **17**

YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9299**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT12**

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD Rd**
MAILING ADDRESS _____
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

PHONE NO. _____

CONTACT NAME _____

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3086	3086
9. (Contains less than 1% percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

John Harris
Generator Authorized Agent Name

al st
Signature

031721
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Eliseo Uguia**
b. Phone No. **956 532 2021** c. Truck No. **VT12**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. **Eliseo Uguia**
Driver Signature

031721
Shipment Date

e. Name _____

f. Address _____

g. Driver Name/Title _____

h. Phone No. _____ i. Truck No. _____

j. Transporter II Permit Nos. _____

Driver Signature

Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e. Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT **Jeff Nusbaum** DATE MONTH **3** DAY **17** YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9246**
Job No. **15000**
P.O. No. **308734**
Trk. No. **VT12**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERVILLE CONCORD RD**
MAILING ADDRESS
CITY **HUNTERVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2990	2990
9. (Contains less than 1 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

JOSE BLAS

Generator Authorized Agent Name

[Signature]
Signature

031721

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Cliso Mejia**
b. Phone No. **956 532 2021** c. Truck No. **VT12**

Hazardous Waste Transporter Permits
EPA NCP062536222

[Signature]

031721

Shipment Date

e. Name
f. Address
g. Driver Name/Title
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.

Driver Signature

[Signature]

Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e. Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT

[Signature]

DATE

MONTH **3**

DAY **17**

YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9304**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT12**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 915 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3149	3149
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Ray Wooten
Generator Authorized Agent Name

[Signature]
Signature

031821
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title: **Elisea Uguja**
b. Phone No. **954 532 3021** c. Truck No. **VT12**

e. Name
f. Address
g. Driver Name / Title
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.

Hazardous Waste Transporter Permits
EPA NUMBER

031821
Shipment Date

Driver Signature

031821
Shipment Date

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3657 W. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

Waste Treatment, Storage, and Disposal

The above named material has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum based waste will be treated with polymers, pH adjusters, and a flocculant, then flow through a dissolved air flotation system for pretreatment. (2) Waste water will be treated with polymers, pH adjusters, and a flocculant, then flow through a dissolved air flotation system for pretreatment. (3) Other non-hazardous waste will be treated with polymers, pH adjusters, and a flocculant, then flow through a dissolved air flotation system for pretreatment. (4) Our treatment system operates on a first in, first out basis and is not subject to any other restrictions.

DATE

MONTH **3**

DAY **10**

YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9242**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT-12**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3124	3124
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Morris

Generator Authorized Agent Name

[Signature]

Signature

031821

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Eliseo Mejia**
b. Phone No. **956 532 2021** c. Truck No. **VT-12**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. *[Signature]* 031821

Shipment Date

e. Name
f. Address
g. Driver Name/Title
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.

Driver Signature

Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are burned into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment. (3) Sludge from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and is to be processed within seven days.

[Signature]

DATE MONTH **3** DAY **18** YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9243**
Job No. **15000**
P.O. No. **308734**
Trk. No. **VT 12**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.		
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE	3216	3216

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name

Signature

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Clisco Myria**
b. Phone No. **956 532 2021** c. Truck No. **VT-12**

Hazardous Waste Transporter Permits
EPA NCD082536222

d. **[Signature]** **03/18/21** Shipment Date

e. Name
f. Address
g. Driver Name/Title
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.

Driver Signature

Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT

DATE

MONTH

DAY

YEAR

21



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9241**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT13**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS _____
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE NO. _____
CONTACT NAME _____

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2952	2952
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name

Signature

Shipment Date

031821

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Brandon Echols**

b. Phone No. _____ c. Truck No. _____

Hazardous Waste Transporter Permits
EPA NCD062536222

d. **BRANDON ECHOLS** Shipment Date

e. Name _____

f. Address _____

g. Driver Name/Title _____

h. Phone No. _____ i. Truck No. _____

j. Transporter II Permit Nos. _____

Driver Signature

Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e. Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT

DATE

MONTH

DAY

YEAR

John N

3

18

21



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9303**
Job No. **15000**
P.O. No. **308734**
Trk. No. **VT13**

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator completes all of Section I)	
GENERATOR LOCATION NAME COLONIAL PIPELINE	WORK CONTRACTED BY Bill To (if different from information at left)
ORIGINATING ADDRESS 14108 HUNTERSVILLE CONCORD RD	NAME
MAILING ADDRESS	ADDRESS
CITY HUNTERSVILLE STATE NC ZIP 28078	CITY STATE ZIP
PHONE NO. 803 415 7241	PHONE NO.
CONTACT NAME JEFF NOVBAUM	CONTACT NAME
DES. OF WASTE: EMERGENCY CONTACT	

Section II. INVOICE INFORMATION	SOLIDS	GALLONS	DRUMS
DESCRIPTION	QUANTITY		LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE			
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA			
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS			
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA			
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY			
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH			
7.			
8. UN 1993, Combustible Liquids, N.O.S.		2976	2976
9. (Contains less than 10 percent diesel fuel),			
10. 3, PG III GASOLINE			

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name

Signature

Shipment Date

Section III. TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)	TRANSPORTER II
Legacy ENVIRONMENTAL SERVICES, LLC P.O. BOX 37333 • CHARLOTTE, N.C. 28237	
a. Driver Name/Title Brandon Eddis	e. Name
b. Phone No. _____ c. Truck No. VT13	f. Address
Hazardous Waste Transporter Permits EPA NCD062536222	g. Driver Name/Title
d. 11/18/21	h. Phone No. _____ i. Truck No. _____
Driver Signature _____ Shipment Date	j. Transporter II Permit Nos. _____
Driver Signature _____ Shipment Date	

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL	
Site Name: Legacy Envir. Serv.	a. Phone No. 704-361-5837
Physical Address: 3637 N. Graham Street	b. Mailing Address: P.O. Box 37333
Charlotte, NC 28206	Charlotte, NC 28237
e. Discrepancy Indication Space	
This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.	
SIGNATURE OF FACILITY AGENT [Signature]	DATE MONTH 3 DAY 18 YEAR 21



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9302**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT13**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS _____
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE NO. _____
CONTACT NAME _____

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY			LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE				
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA				
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS				
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA				
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY				
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH				
7.				
8. UN 1993, Combustible Liquids, N.O.S.				
9. (Contains less than 10 percent diesel fuel),				
10. 3, PG III GASOLINE				

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name

Signature

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title _____
b. Phone No. _____ c. Truck No. _____
Hazardous Waste Transporter Permits
EPA NCD062536222

e. Name _____
f. Address _____
g. Driver Name/Title _____
h. Phone No. _____ i. Truck No. _____
j. Transporter II Permit Nos. _____

d. _____
Driver Signature

Shipment Date

Driver Signature

Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
3637 N. Graham Street
Physical Address: **Charlotte, NC 28206**

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e. Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT

Jeff Nuss

DATE

MONTH

3

DAY

18

YEAR

21



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9310**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT13**

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator completes all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS _____
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (if different from information at left)

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE NO. _____
CONTACT NAME _____

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3216	3216
9. (Contains less than 10 percent diesel fuel)		
10. 3 PG GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris
Generator Authorized Agent Name

Cal
Signature

031921
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Jason Spencer**
b. Phone No. _____ c. Truck No. **VT13**

e. Name _____
f. Address _____
g. Driver Name/Title _____
h. Phone No. _____ i. Truck No. _____
j. Transporter II Permit Nos. _____

Hazardous Waste Transporter Permits
EPA NCD062536222

d. *[Signature]*
Driver Signature

031921
Shipment Date

[Signature]
Driver Signature

Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

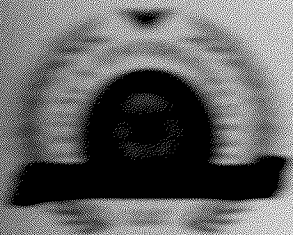
Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e. Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT _____ DATE _____ MONTH _____ DAY _____ YEAR _____



Legacy
ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 - CHARLOTTE, NC 28237
TEL: 704-361-5837
FAX: 704-361-5837
NON-HAZARDOUS SPECIAL WASTE

Manifest No. **9309**
Job No. **15000**
P.O. No. **3-8738**
Trk. No. **VT-12**

GENERATOR'S CERTIFICATION
NON-CONTRACTED BY
50% TO 100% (if different from information at left)

ORIGINATING ADDRESS: **CHURCH PIPELINE**
1100 HUNTERSVILLE CONVOY RD

MAILING ADDRESS:
CITY: **HUNTERSVILLE** STATE: **NC** ZIP: **28078**
PHONE NO.: **803 915 7241**
CONTACT NAME: **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

ADDRESS:
CITY: _____ STATE: _____ ZIP: _____
PHONE NO.: _____
CONTACT NAME: _____

Section II. INVOICE INFORMATION	SOLIDS	GALLONS	DRUMS
DESCRIPTION	QUANTITY	LINE TOTAL	
1. NON-HAZ MINERAL OIL FOR RECYCLE			
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA			
3. OFF-SPEC LIGHT OIL DIESEL OR GAS PUMPED FROM TANKS OR DRUMS			
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA			
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY			
6. LIQUIDS & SOLIDS REMOVED FROM OIL WASH			
7.			
8. IN 1982, Contaminated Liquid, N.O.S.	3058	3058	
9. Crude oil (not a petroleum product)			
10. 100% GASOLINE			

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name: **Adam Hance** Signature: **[Signature]** Shipment Date: **031921**

Section III. TRANSPORTER

Legacy
ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 - CHARLOTTE, N.C. 28237

TRANSPORTER II

e. Name: _____
f. Address: _____
g. Driver Name: _____
h. Phone No.: _____ Trk. No.: _____
i. Transporter I Permit No.: _____

d. **[Signature]** Shipment Date: **031921** Driver Signature: _____ Shipment Date: _____

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No.: **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e. Discrepancy Indication Space: _____

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT: _____ DATE: _____ MONTH: _____ DAY: _____ YEAR: _____



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9307**
Job No. **15000**
P.O. No. **308734**
Trk. No. **VF-13**

60.6

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS _____
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 418 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (if different from information at left)

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE NO. _____
CONTACT NAME _____

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	29.09	2909
9. (Contains less than 12 percent dead fuel)		
10. 3 PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Jeff Nussbaum
Generator Authorized Agent Name

Jeff Nussbaum
Signature

031921
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Jason Spence**
b. Phone No. _____ c. Truck No. **VF-13**

e. Name _____
f. Address _____
g. Driver Name/Title _____
h. Phone No. _____ i. Truck No. _____
j. Transporter II Permit Nos. _____

Hazardous Waste Transporter Permits
EPA NCD062536222

d. *Jason Spence* **031921**
Driver Signature Shipment Date

Jason Spence _____
Driver Signature Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT _____ DATE _____ MONTH _____ DAY _____ YEAR _____



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

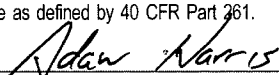
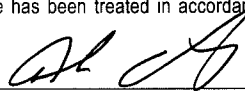
Manifest No. **9306**
Job No. **15000**
P.O. No. **308734**
Trk. No. **LUTS-80**

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)	
GENERATOR LOCATION NAME COLONIAL PIPELINE	WORK CONTRACTED BY Bill To (If different from information at left)
ORIGINATING ADDRESS 14108 HUNTERSVILLE CONCORD RD	NAME
MAILING ADDRESS	ADDRESS
CITY HUNTERSVILLE STATE NC ZIP 28078	CITY STATE ZIP
PHONE NO. 803 415 7241	PHONE NO.
CONTACT NAME JEFF NUSBAUM	CONTACT NAME
DES. OF WASTE: EMERGENCY CONTACT	

Section II. INVOICE INFORMATION	SOLIDS	GALLONS	DRUMS
DESCRIPTION	QUANTITY		LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE			
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA			
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS			
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA			
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY			
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH			
7.			
8. UN 1993, Combustible Liquids, N.O.S.		3000	3000
9. (Contains less than 10 percent diesel fuel).			
10. 3, PG III GASOLINE			

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

 Generator Authorized Agent Name	 Signature	031921 Shipment Date
--	---	------------------------------------

Section III. TRANSPORTER	TRANSPORTER II
Legacy ENVIRONMENTAL SERVICES, LLC P.O. BOX 37333 • CHARLOTTE, N.C. 28237	a. Name
	b. Address
	c. Driver Name Title
	d. Phone No. Truck No.
	e. Transporter I Permit No.
 Driver Signature	031921 Shipment Date
	 Driver Signature

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL	
Site Name: Legacy Envir. Serv.	a. Phone No. 704-361-5837
Physical Address: 3637 N. Graham Street	b. Mailing Address: P.O. Box 37333
Charlotte, NC 28206	Charlotte, NC 28237

e. Discrepancy Indication Space.

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT	DATE	MONTH	DAY	YEAR
-----------------------------	------	-------	-----	------



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9305**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT13**

63.2

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCERN RD**
MAILING ADDRESS _____
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE NO. _____
CONTACT NAME _____

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3034	3034
9. (Contains less than 1 percent diesel fuel)		
10. 3 PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Karris
Generator Authorized Agent Name

AL
Signature
Shipment Date **031921**

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Jason Spencer**
b. Phone No. _____ c. Truck No. **VT-13**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. *AS*
Driver Signature
Shipment Date **031921**

e. Name _____
f. Address _____
g. Driver Name / Title _____
h. Phone No. _____ i. Truck No. _____
j. Transporter II Permit Nos. _____

Driver Signature
Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street
Charlotte, NC 28206**

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333
Charlotte, NC 28237**

e. Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT _____ DATE _____ MONTH _____ DAY _____ YEAR _____



NON-HAZARDOUS SPECIAL WASTE

Manifest No. 8354

DATE 11/20/99

TIME 3:07 PM

TRUCK # 1112

Section I. GENERATOR INFORMATION

GENERATOR'S NAME: CLINTAL PAPER
LOCATION: 1111 HUNTERVILLE CIRCLE
MAILING ADDRESS: HUNTERVILLE NC 28078
CITY: HUNTERVILLE STATE: NC ZIP: 28078
PHONE NO.: 803 415 7241
CONTACT NAME: JEFF NUSBAUM
DES. OF WASTE: EMERGENCY CONTACT

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE					
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA					
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS					
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA					
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY					
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH					
7.					
8. <u>IN USE Combustible Liquid, N.O.S.</u>				<u>300</u>	<u>300</u>
9. <u>Contains less than 11 percent alcohol</u>					
10. <u>SPILL GASOLINE</u>					

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name: Adam Harris Signature: [Signature] Shipment Date: 031921

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy
ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

e. Name: _____
f. Address: _____
g. Driver Name/Title: Elisea Vega
h. Phone No.: 936 532 2031 i. Truck No.: 1112
j. Transporter II Permit No.: _____
k. Signature: [Signature] Shipment Date: 031921

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: Legacy Envir. Serv. a. Phone No.: 704-361-5837
Physical Address: 3637 N. Graham Street b. Mailing Address: P.O. Box 37333
Charlotte, NC 28206 Charlotte, NC 28237

e. Discrepancy Indication Space:
This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT: _____ DATE: _____ MONTH: _____ DAY: _____ YEAR: _____



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9311**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT12**

65.8

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION NAME COLONIAL PIPELINE		WORK CONTRACTED BY Bill To (if different from information at left)	
ORIGINATING ADDRESS 19108 HUNTERSVILLE CONCOURSE		NAME	
MAILING ADDRESS		ADDRESS	
CITY HUNTERSVILLE STATE NC ZIP 28078	CITY STATE ZIP		
PHONE NO. 803 415 7241	PHONE NO.		
CONTACT NAME JEFF NUSBAUM	CONTACT NAME		
DES. OF WASTE: EMERGENCY CONTACT			

Section II. INVOICE INFORMATION SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3158	3158
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

<u>JOSE LUNA</u> Generator Authorized Agent Name	<u>[Signature]</u> Signature	<u>032021</u> Shipment Date
---	---------------------------------	--------------------------------

Section III. TRANSPORTER TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title Craig Lynch	e. Name
b. Phone No. _____ c. Truck No. VT12	f. Address
Hazardous Waste Transporter Permits EPA NCD062536222	g. Driver Name/Title
d. <u>Craig Lynch</u> Driver Signature	h. Phone No. _____ i. Truck No. _____
<u>032021</u> Shipment Date	j. Transporter II Permit Nos.
	<u> </u>
	<u> </u>

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: Legacy Envir. Serv.	a. Phone No. 704-361-5837
Physical Address: 3637 N. Graham Street	b. Mailing Address: P.O. Box 37333
Charlotte, NC 28206	Charlotte, NC 28237

e. Discrepancy Indication Space
This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT	DATE	MONTH	DAY	YEAR
-----------------------------	------	-------	-----	------

**Legacy**

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9342**Job No. **15050**P.O. No. **308754**Trk. No. **VT13****66.2****NON-HAZARDOUS SPECIAL WASTE****Section I.****GENERATOR** (Generator complete all of Section I)**GENERATOR LOCATION**

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS _____
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE NO. _____
CONTACT NAME _____

Section II. INVOICE INFORMATION**SOLIDS GALLONS DRUMS**

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3178	3178
9. (Contains less than 1% percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

JOSE BLAS

Generator Authorized Agent Name

Signature

032021

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Rusty Patterson**
b. Phone No. _____ c. Truck No. **VT13**
Hazardous Waste Transporter Permits
EPA NCD062536222
d. **032021**
Driver Signature Shipment Date

e. Name _____
f. Address _____
g. Driver Name/Title _____
h. Phone No. _____ i. Truck No. _____
j. Transporter II Permit Nos. _____

Driver Signature Shipment Date

Section IV.**FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL**

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT

DATE

MONTH

DAY

YEAR



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9343**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT12**

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS _____
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE NO. _____
CONTACT NAME _____

Section II. INVOICE INFORMATION SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3264	3264
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

JOSE LUIS
Generator Authorized Agent Name

[Signature]
Signature

032021
Shipment Date

Section III. TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title Craig Lynch
b. Phone No. _____ c. Truck No. VT12
Hazardous Waste Transporter Permits
EPA NCD062536222
d. [Signature] 032021
Driver Signature Shipment Date

e. Name _____
f. Address _____
g. Driver Name/Title _____
h. Phone No. _____ i. Truck No. _____
j. Transporter II Permit Nos. _____

Driver Signature Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: Legacy Envir. Serv.
3637 N. Graham Street
Physical Address: Charlotte, NC 28206

a. Phone No. 704-361-5837
b. Mailing Address: P.O. Box 37333
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT _____ DATE _____ MONTH _____ DAY _____ YEAR _____



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9313**

Job No. **15000**

P.O. No. **308734**

Trk. No. **03 VT13**

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION		WORK CONTRACTED BY	
NAME COLONIAL PIPELINE		Bill To (If different from information at left)	
ORIGINATING ADDRESS 14108 HUNTERSVILLE CONCORD RD		NAME	
MAILING ADDRESS		ADDRESS	
CITY HUNTERSVILLE	STATE NC	CITY	STATE
ZIP 28078		ZIP	
PHONE NO. 803 415 7241		PHONE NO.	
CONTACT NAME JEFF NUSBAUM		CONTACT NAME	
DES. OF WASTE: EMERGENCY CONTACT			

Section II. INVOICE INFORMATION SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.		
9. (Contains less than 1% percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

JOSE SLAS

Generator Authorized Agent Name

[Signature]

Signature

03 20 21

Shipment Date

Section III. TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Rusty Patterson**

b. Phone No. c. Truck No. **VT13**

Hazardous Waste Transporter Permits
EPA NCD062536222

[Signature]

Driver Signature

03 20 21

Shipment Date

e. Name

f. Address

g. Driver Name/Title

h. Phone No. i. Truck No.

j. Transporter II Permit Nos.

Driver Signature

[Signature]

Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e. Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT	DATE	MONTH	DAY	YEAR
-----------------------------	------	-------	-----	------



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9347**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT-12**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERVILLE CONCORD Rd**
MAILING ADDRESS
CITY **HUNTERVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME

ADDRESS

CITY

STATE

ZIP

PHONE NO.

CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.		
9. (Contains less than 10 percent diesel fuel),	3062	3062
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name

Signature

Shipment Date

03 22 21

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Eliseo Negia**
b. Phone No. **VT-12**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. Driver Signature **03 22 21**
Shipment Date

e. Name

f. Address

g. Driver Name/Title

h. Phone No. i. Truck No.

j. Transporter II Permit Nos.

Driver Signature

Shipment Date

03 22 21

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e. Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT

DATE

MONTH **3**

DAY **22**

YEAR **21**

Jeff Nussbaum



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9249**
Job No. **15000**
P.O. No. **308731**
Trk. No. **VT13**

60.2 NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS _____
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE NO. _____
CONTACT NAME _____

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2890	2890
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris
Generator Authorized Agent Name

Chad Signature
Shipment Date **032221**

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g;
Transporter II complete h-j)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title *Brandon Ebbins*
b. Phone No. _____ c. Truck No. *VT13*

Hazardous Waste Transporter Permits
EPA NCD062536222

d. *Brandon Ebbins* Shipment Date **032221**

e. Name _____
f. Address _____
g. Driver Name/Title _____
h. Phone No. _____ i. Truck No. _____
j. Transporter II Permit Nos. _____

Driver Signature Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: Legacy Envir. Serv.
Physical Address: 3637 N. Graham Street
Charlotte, NC 28206

a. Phone No. 704-361-5837
b. Mailing Address: P.O. Box 37333
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT *Jeff Nussbaum* DATE MONTH 3 DAY 22 YEAR 21



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9348**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT-12**

62.3

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2990	2990
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris
Generator Authorized Agent Name

Sh
Signature

032221
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Eliseo Mejia**
b. Phone No. **956 532 2021** c. Truck No. **VT-12**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. *Lylo*
Driver Signature **032221**
Shipment Date

e. Name
f. Address
g. Driver Name/Title
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.

Lylo
Driver Signature **032221**
Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT

Jeff Nusbaum

DATE

MONTH

3

DAY

22

YEAR

21



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9349**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT13**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.		
9. (Contains less than 1% percent diesel fuel),	3120	3120
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name

Signature

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Brandon Eddins**
b. Phone No. _____ c. Truck No. **VT13**
Hazardous Waste Transporter Permits
EPA NCD062536222
d. Driver Signature **[Signature]** Shipment Date **032221**

e. Name _____
f. Address _____
g. Driver Name/Title _____
h. Phone No. _____ i. Truck No. _____
j. Transporter II Permit Nos. _____
Driver Signature _____ Shipment Date _____

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206
a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT

DATE

MONTH

3

DAY

22

YEAR 21



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9350**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT12**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14100 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7211**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.		
9. (Contains less than 10 percent diesel fuel),	3115	3115
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris

Generator Authorized Agent Name

[Signature]

Signature

032221

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Eliseo Mejia**
b. Phone No. c. Truck No. **VT-12**

Hazardous Waste Transporter Permits
EPA NCD062536222

[Signature]

032221

Shipment Date

e. Name
f. Address
g. Driver Name/Title
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.

Driver Signature

Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT

[Signature]

DATE

MONTH

3

DAY

22

YEAR

21



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9345**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT13**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**

ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD Rd**

MAILING ADDRESS

CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**

PHONE NO. _____

CONTACT NAME _____

DES. OF WASTE: _____

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME

ADDRESS

CITY _____ STATE _____ ZIP _____

PHONE NO. _____

CONTACT NAME _____

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3134	3134
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name

Signature

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

a. Driver Name/Title **Brandon Eddins**

b. Phone No. _____ c. Truck No. **VT13**

Hazardous Waste Transporter Permits

EPA NCD062536222

d. Driver Signature

Shipment Date

e. Name _____

f. Address _____

g. Driver Name/Title _____

h. Phone No. _____ i. Truck No. _____

j. Transporter II Permit Nos. _____

Driver Signature

Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT

DATE

MONTH **3**

DAY **22**

YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9248**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT-12**

67.1

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS _____
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE NO. _____
CONTACT NAME _____

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.		
9. (Contains less than 1% percent diesel fuel),		
10. 3, PG III GASOLINE	3220	3220

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris
Generator Authorized Agent Name

Adam Harris
Signature

032224
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Eliseo Mejia**
b. Phone No. _____ c. Truck No. **VT-12**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. *Eliseo Mejia*
Driver Signature

032221
Shipment Date

e. Name _____
f. Address _____
g. Driver Name / Title _____
h. Phone No. _____ i. Truck No. _____
j. Transporter II Permit Nos. _____

Driver Signature

Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT *Jeff Nusbaum* DATE MONTH **3** DAY **22** YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9314**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT13**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPE LINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS _____
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE NO. _____
CONTACT NAME _____

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	31.25	31.25
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

JOSE ISLAS

Generator Authorized Agent Name

[Signature]
Signature

032221

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

a. Driver Name/Title **Brandon Edwards**
b. Phone No. _____ c. Truck No. **VT13**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. *[Signature]*

Driver Signature

032221

Shipment Date

TRANSPORTER II

e. Name _____
f. Address _____
g. Driver Name/Title _____
h. Phone No. _____ i. Truck No. _____
j. Transporter II Permit Nos. _____

Driver Signature

Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT

[Signature]

DATE

MONTH **3**

DAY **22**

YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9335**

Job No. **1500**

P.O. No. **308734**

Trk. No. **V112**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF MUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3024	3024
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris
Generator Authorized Agent Name

Calif
Signature

032221
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Eliseo Mejia**
b. Phone No. **956-532-2021** c. Truck No. **V112**

Hazardous Waste Transporter Permits
EPA NCD062536222

Eliseo Mejia
Driver Signature

032221
Shipment Date

e. Name
f. Address
g. Driver Name/Title
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.

Eliseo Mejia
Driver Signature

Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT *Jeff Musbaum* DATE MONTH **3** DAY **22** YEAR **21**



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9344**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT 13**

NON-HAZARDOUS SPECIAL WASTE

Section I.

GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS _____
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE NO. _____
CONTACT NAME _____

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3045	3045
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Alan Harris
Generator Authorized Agent Name

ALD
Signature

032321
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

a. Driver Name/Title **Brandon Eddins**
b. Phone No. _____ c. Truck No. **VT13**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. *BE* **032321**
Driver Signature Shipment Date

TRANSPORTER II

e. Name _____
f. Address _____
g. Driver Name/Title _____
h. Phone No. _____ i. Truck No. _____
j. Transporter II Permit Nos. _____

Driver Signature Shipment Date

Section IV.

FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT _____ DATE _____ MONTH _____ DAY _____ YEAR _____



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9346**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT12**

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO.
CONTACT NAME
DES. OF WASTE:

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3120	3120
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Alan Harris
Generator Authorized Agent Name

AK
Signature

032321
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Eliseo Mejia**
b. Phone No. c. Truck No. **VT12**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. *Eliseo Mejia* **032321**
Driver Signature Shipment Date

e. Name
f. Address
g. Driver Name/Title
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.

Eliseo Mejia **032321**
Driver Signature Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e. Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT DATE MONTH DAY YEAR



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9341**

Job No. **15000**

P.O. No. **308734**

Trk. No. **VT13**

67.8

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS _____
CITY **HUNTERSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7241**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE NO. _____
CONTACT NAME _____

Section II. INVOICE INFORMATION

SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	32.54	32.54
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Kevin Harris
Generator Authorized Agent Name

Adi A
Signature

032321
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Brandon Edkins**
b. Phone No. _____ c. Truck No. **VT13**

e. Name _____
f. Address _____
g. Driver Name/Title _____
h. Phone No. _____ i. Truck No. _____
j. Transporter II Permit Nos. _____

Hazardous Waste Transporter Permits
EPA NCD062536222

d. *[Signature]* **032321**
Driver Signature Shipment Date

[Signature] _____
Driver Signature Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e. Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT	DATE	MONTH	DAY	YEAR
-----------------------------	------	-------	-----	------



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9291**
Job No. **15000**
P.O. No. **308734**
Trk. No. **VT12**

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION		WORK CONTRACTED BY	
NAME COLONIAL PIPELINE		Bill To (If different from information at left)	
ORIGINATING ADDRESS 14108 HUNTERSVILLE CONC RD		NAME _____	
MAILING ADDRESS _____		ADDRESS _____	
CITY HUNTERSVILLE	STATE NC	CITY _____	STATE _____
ZIP 28078		ZIP _____	
PHONE NO. 803 915 7241		PHONE NO. _____	
CONTACT NAME JEFF NUSBAUM		CONTACT NAME _____	
DES. OF WASTE: EMERGENCY CONTACT			

Section II. INVOICE INFORMATION SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	3269	3269
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name **[Signature]** Signature **[Signature]** Shipment Date **03/23/21**

Section III. TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy ENVIRONMENTAL SERVICES, LLC P.O. BOX 37333 • CHARLOTTE, N.C. 28237		TRANSPORTER II	
a. Driver Name/Title Eliseo Mejia		e. Name _____	
b. Phone No. _____ c. Truck No. VT12		f. Address _____	
Hazardous Waste Transporter Permits EPA NCD062536222		g. Driver Name/Title _____	
d. [Signature]		h. Phone No. _____ i. Truck No. _____	
Shipment Date 03/23/21		j. Transporter II Permit Nos. _____	
Driver Signature _____		Shipment Date _____	

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: Legacy Envir. Serv.	a. Phone No. 704-361-5837
Physical Address: 3637 N. Graham Street	P.O. Box 37333
Charlotte, NC 28206	b. Mailing Address: Charlotte, NC 28237

e. Discrepancy Indication Space
This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT	DATE	MONTH	DAY	YEAR
-----------------------------	------	-------	-----	------



Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. **9339**
Job No. **15000**
P.O. No. **308734**
Trk. No. **VT-12**

60.4

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME **COLONIAL PIPELINE**
ORIGINATING ADDRESS **14108 HUNTERSVILLE CONCORD RD**
MAILING ADDRESS _____
CITY **HUNTSVILLE** STATE **NC** ZIP **28078**
PHONE NO. **803 415 7291**
CONTACT NAME **JEFF NUSBAUM**
DES. OF WASTE: **EMERGENCY CONTACT**

WORK CONTRACTED BY

Bill To (If different from information at left)

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE NO. _____
CONTACT NAME _____

Section II. INVOICE INFORMATION SOLIDS GALLONS DRUMS

DESCRIPTION	QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE		
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		
3. OFF-SPEC LIGHT OIL, DIESEL OR GAS PUMPED FROM TANKS OR DRUMS		
4. SEDIMENT OR SOLIDS VACUUMED FROM CONTAINMENT AREA		
5. 55-GALLON DRUMS REMOVED - LIQUID, SOLID OR EMPTY		
6. LIQUIDS & SOLIDS REMOVED FROM CAR WASH		
7.		
8. UN 1993, Combustible Liquids, N.O.S.	2899	2899
9. (Contains less than 10 percent diesel fuel),		
10. 3, PG III GASOLINE		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 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 the 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 Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Adam Harris

Generator Authorized Agent Name

Ad CF

Signature

032321

Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237

TRANSPORTER II

a. Driver Name/Title **Elisea Mejia**
b. Phone No. _____ c. Truck No. **VT-12**

Hazardous Waste Transporter Permits
EPA NCD062536222

d. *Elisea* 032321

Shipment Date

e. Name _____
f. Address _____
g. Driver Name / Title _____
h. Phone No. _____ i. Truck No. _____
j. Transporter II Permit Nos. _____

Driver Signature

Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: **Legacy Envir. Serv.**
Physical Address: **3637 N. Graham Street**
Charlotte, NC 28206

a. Phone No. **704-361-5837**
b. Mailing Address: **P.O. Box 37333**
Charlotte, NC 28237

e: Discrepancy Indication Space

This is to certify that all non-hazardous material removed from above location has been transported and will be disposed of in accordance with applicable local, state and federal regulations in the following manner: (1) Petroleum products are blended into a beneficial reusable fuel for use in large industrial burners. (2) Waste waters are to be treated with polymers, pH adjusters, and a flocculant, then flows through a dissolved air flotation system for pretreatment separation. (3) Solids from treatment systems are hauled to E.P.A. approved facilities for proper disposal. Manifest and certificate of disposal are on file. (4) Our treatment system operates on a first in, first out basis and product should be processed within seven days.

SIGNATURE OF FACILITY AGENT _____ DATE _____ MONTH _____ DAY _____ YEAR _____

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - March 31, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
10/7/2020	80	1	763626	20.64	X
10/7/2020	76	2	763625	12.67	X
10/7/2020	83	3	763624	18.6	X
10/7/2020	131	4	763623	22.68	X
10/7/2020	138	5	763622	22.18	X
10/7/2020	159	6	763621	22.1	X
10/7/2020	161	7	763620	16.22	X
10/7/2020	163	8	763619	21.29	X
10/7/2020	84	9	763618	21.87	X
10/7/2020	152	10	763617	20.6	X
10/8/2020	140	11	763616	23.31	X
10/8/2020	83	12	763615	19.6	X
10/8/2020	80	13	763614	20.55	X
10/8/2020	76	14	763613	13.15	X
10/8/2020	131	15	763612	23.02	X
10/8/2020	138	16	763611	23.34	X
10/8/2020	159	17	763610	23.07	X
10/8/2020	161	18	763609	19.21	X
10/8/2020	80	19	763608	19.69	X
10/8/2020	83	20	763607	20.2	X
10/8/2020	162	21	763606	23.64	X
10/8/2020	84	22	763605	12.05	X
10/8/2020	163	23	763604	25.21	X
10/8/2020	83	24	763603	21.84	X
10/8/2020	83	25	763602	23.85	X
10/8/2020	80	26	763601	20.07	X
10/8/2020	131	27	763600	22.92	X
10/8/2020	138	28	763599	22.84	X
10/8/2020	140	29	763598	23.26	X
10/8/2020	162	30	763597	24.74	X
10/8/2020	84	31	763596	21.81	X
10/8/2020	161	32	763595	18.15	X
10/8/2020	80	33	763594	23.42	X
10/8/2020	159	34	763593	23.37	X
10/8/2020	163	35	763592	26.12	X
10/8/2020	84	36	763591	21.45	X
10/8/2020	131	37	763590	24.03	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - March 31, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
10/8/2020	138	38	763589	22.18	X
10/9/2020	83	39	763588	24.07	X
10/9/2020	80	40	763587	23.98	X
10/9/2020	80	41	763586	20.06	X
10/9/2020	162	42	763585	22.25	X
10/9/2020	131	43	763584	22.4	X
10/9/2020	161	44	763583	18.38	X
10/9/2020	84	45	763582	19.74	X
10/9/2020	159	46	763581	21.94	X
10/9/2020	140	47	763580	25.28	X
10/9/2020	83	48	763579	22.92	X
10/9/2020	163	49	763578	21.82	X
10/9/2020	80	50	765577	19.84	X
10/9/2020	138	51	763576	22.08	X
10/9/2020	83	52	763575	19.47	X
10/9/2020	131	53	763574	21.24	X
10/9/2020	162	54	763573	21.62	X
10/9/2020	140	55	763572	25.73	X
10/9/2020	84	56	763571	19.97	X
10/9/2020	161	57	763570	17.38	X
10/9/2020	163	58	763568	22.2	X
10/9/2020	80	59	763569	20.81	X
10/9/2020	159	60	763567	23.02	X
10/9/2020	83	61	763566	21.28	X
10/13/2020	159	62	763565	23.92	X
10/9/2020	80	63	763563	21.09	X
10/13/2020	159	62	763565	23.92	X
10/14/2020	131	63	763564	17.34	X
10/13/2020	163	64	763562	23.78	X
10/13/2020	138	65	763561	23.64	X
10/13/2020	76	66	763560	13.32	X
10/13/2020	131	67	763559	18.51	X
10/13/2020	162	68	763558	17.66	X
10/13/2020	80	69	763557	15.91	X
10/13/2020	84	70	763556	16.64	X
10/14/2020	84	71	763555	17.02	X
10/14/2020	159	72	763554	18.36	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - March 31, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
10/14/2020	162	73	763553	20.6	X
10/14/2020	163	74	763552	20.63	X
10/14/2020	138	75	763551	16.65	X
10/14/2020	80	76	763550	19.29	X
10/14/2020	83	77	763549	18.57	X
10/13/2020	140	78	763548	22.7	X
10/14/2020	84	79	763547	19.59	X
10/14/2020	162	80	763546	21.53	X
10/14/2020	159	81	763545	20.11	X
10/14/2020	163	82	763528	19.57	X
10/14/2020	138	83	763529	20.27	X
10/14/2020	131	84	763530	20.79	X
10/14/2020	80	85	763531	16.14	X
10/14/2020	83	86	763532	19.68	X
10/14/2020	84	87	763533	22.43	X
10/14/2020	163	88	763534	20.38	X
10/14/2020	159	89	763535	23.01	X
10/14/2020	138	90	763536	18.62	X
10/15/2020	162	91	763537	21.45	X
10/15/2020	131	92	763538	25.29	X
10/15/2020	160	93	763539	22.34	X
10/15/2020	80	94	763540	17.31	X
10/15/2020	84	95	763541	22.81	X
10/15/2020	83	96	763542	21.78	X
10/15/2020	163	97	763543	25.06	X
10/15/2020	159	98	763544	20.1	X
10/15/2020	83	99	1041191	20.06	X
10/15/2020	84	100	1041192	20.18	X
10/15/2020	162	101	1041193	9.98	X
10/15/2020	138	102	1041194	19.84	X
10/15/2020	80	103	1041195	19.33	X
10/15/2020	84	104	1041196	23.51	X
10/15/2020	131	105	1041197	20.59	X
10/15/2020	160	106	1041198	21.17	X
10/16/2020	163	107	1041199	23.45	X
10/16/2020	148	108	1041200	23.54	X
10/16/2020	162	109	1041201	24.52	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - March 31, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
10/16/2020	131	110	1041202	24.79	X
10/16/2020	80	111	1041203	13.55	X
10/16/2020	140	112	1041204	22.24	X
10/16/2020	160	113	1041205	22.85	X
10/16/2020	131	114	1041206	21.88	X
10/16/2020	83	115	1041207	19.6	X
10/16/2020	138	116	1041208	22.2	X
10/16/2020	162	117	1041209	23.01	X
10/16/2020	163	118	1041210	22.69	X
10/16/2020	160	119	1041211	23.28	X
10/16/2020	80	120	1041212	20.78	X
10/16/2020	140	121	1041213	23.99	X
10/16/2020	83	122	1041214	20.75	X
10/16/2020	138	123	1041215	22.93	X
10/16/2020	131	124	1041216	23.66	X
10/16/2020	84	125	1041217	21.2	X
10/15/2020	83	126	1041240	20.23	X
10/15/2020	83	127	1041239	20.25	X
10/15/2020	138	128	1041238	23.64	X
10/15/2020	162	129	1041237	22.27	X
10/16/2020	84	130	1041236	21.25	X
10/15/2020	80	131	1041235	20.05	X
10/15/2020	131	132	1041234	22.39	X
10/15/2020	160	133	1041233	21.69	X
10/15/2020	83	134	1041232	19.76	X
10/16/2020	138	135	1041231	21.88	X
10/16/2020	83	136	1041230	19.9	X
10/16/2020	163	137	1041229	22.39	X
10/16/2020	160	138	1041228	21.86	X
10/16/2020	80	139	1041227	19.81	X
10/16/2020	138	140	1041226	22.35	X
10/16/2020	140	141	1041225	23.29	X
10/17/2020	83	142	1041224	21.04	X
10/16/2020	83	143	1041223	21.55	X
10/17/2020	131	144	1041222	24.25	X
10/17/2020	84	145	1041221	22.42	X
10/17/2020	84	146	10412220	20.74	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - March 31, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
10/17/2020	163	147	1041219	22.37	X
10/17/2020	159	148	1041218	23.09	X
10/17/2020	160	149	1042521	28.87	X
10/17/2020	138	150	1042522	17.61	X
10/17/2020	162	151	1042523	22.25	X
10/17/2020	131	152	1042524	23.74	X
10/17/2020	83	153	1042525	21.69	X
10/19/2020	160	154	1042526	22.93	X
10/19/2020	138	155	1042527	21.68	X
10/17/2020	84	156	1042528	22.51	X
10/19/2020	84	157	1042529	21.84	X
10/19/2020	84	158	1042530	21.4	X
10/19/2020	131	159	1042531	25.24	X
10/19/2020	160	160	1042532	23.97	X
10/19/2020	80	161	1042533	22.1	X
10/19/2020	148	162	1042534	25.18	X
10/19/2020	163	163	1042535	23	X
10/19/2020	162	164	1042536	24.93	X
10/19/2020	83	165	1042537	20.12	X
10/19/2020	83	166	1042538	20.78	X
10/19/2020	159	167	1042539	23.25	X
10/19/2020	138	168	1042540	24.46	X
10/19/2020	163	169	1042541	24.13	X
10/19/2020	162	170	1042542	24.68	X
10/19/2020	159	171	1042552	22.51	X
10/19/2020	148	172	1042550	24.25	X
10/19/2020	143	173	1042550	24.25	X
10/19/2020	80	174	1042549	19.28	X
10/19/2020	83	175	1042548	21.09	X
10/19/2020	83	176	1042547	20.36	X
10/27/2020	84	177	1042546	19.06	X
10/27/2020	84	178	1042545	18.83	X
10/19/2020	84	179	1042544	17.22	X
10/19/2020	84	180	1042543	21.05	X
10/19/2020	138	181	1042553	22.15	X
10/19/2020	160	182	1042554	22.46	X
10/19/2020	162	183	1042555	22.78	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - March 31, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
10/19/2020	163	184	1042556	22.84	X
10/19/2020	159	185	1042557	21.94	X
10/19/2020	80	186	1042558	19.46	X
10/19/2020	148	187	1042559	22.35	X
10/19/2020	138	188	1042569	19.52	X
10/19/2020	160	189	1042568	21.9	X
10/27/2020	162	190	1042567	19.53	X
10/19/2020	80	191	1042566	20.21	X
10/20/2020	148	192	1042565	23.85	X
10/19/2020	83	193	1042564	21.15	X
10/19/2020	163	194	1042563	22.45	X
10/20/2020	138	195	1042562	21.32	X
10/27/2020	138	196	1042561	26.39	X
10/27/2020	80	197	1042560	17.99	X
10/27/2020	83	198	1042570	17.61	X
10/27/2020	159	199	1042571	15.69	X
10/27/2020	163	200	1042572	27.02	X
10/27/2020	152	201	1042573	15.26	X
10/27/2020	162	202	1042574	12.25	X
10/27/2020	160	203	1042575	23.35	X
10/27/2020	148	204	1042576	19.66	X
10/27/2020	138	205	1042577	21.4	X
10/27/2020	80	206	1042578	17.99	X
10/27/2020	148	208	1042580	26.34	X
10/27/2020	159	209	1042581	21.14	X
10/27/2020	163	210	1042582	21.3	X
10/27/2020	160	211	1042583	23.81	X
10/27/2020	162	212	1042584	25.04	X
10/27/2020	152	213	1042585	28.95	X
10/27/2020	138	214	1042586	24.03	X
10/27/2020	148	215	1042587	29.6	X
10/27/2020	80	216	1042588	19.2	X
10/27/2020	83	217	1042589	19	X
10/27/2020	159	218	1042590	26.14	X
10/27/2020	163	219	1042591	27.96	X
10/28/2020	83	220	1042592	18.61	X
10/28/2020	160	221	1042593	27.25	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - March 31, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
10/28/2020	160	222	1042594	27.11	X
10/28/2020	84	223	1042595	18.07	X
10/28/2020	152	224	1042596	22.3	X
10/28/2020	80	225	1042597	19.45	X
10/28/2020	83	226	1042598	17.21	X
10/28/2020	148	227	1042599	26.88	X
10/28/2020	162	228	1042600	23.87	X
10/28/2020	163	229	1042601	26.78	X
10/28/2020	159	230	1042602	25.38	X
10/28/2020	160	231	1042603	24.73	X
10/28/2020	138	232	1042604	22.53	X
10/28/2020	80	233	1042605	18.57	X
10/28/2020	152	234	1042606	23.96	X
10/28/2020	84	235	1042607	19.48	X
10/29/2020	83	236	1042609	20.85	X
10/28/2020	162	237	1042610	20.04	X
10/28/2020	159	238	1042611	25.07	X
10/28/2020	163	239	1042612	23.46	X
10/29/2020	160	240	1042613	21.31	X
10/28/2020	138	241	1042614	22.8	X
10/29/2020	80	242	1042608	18.98	X
10/28/2020	82	243	1042616	1.93	X
12/1/2020	D11	244	1042716	8.99	X
12/4/2020	D10	246	1042719	18.13	X
12/7/2020	D10	247	1042718	10.86	X
12/7/2020	D10	248	1042717	20.31	X
12/8/2020	D10	249	1042715	16.57	X
12/8/2020	D10	250	1042714	18.27	X
12/9/2020	D10	251	1042713	17.75	X
12/9/2020	D10	252	1042712	16.03	X
12/15/2020	D9	253	1042711	18.3	X
12/15/2020	D10	254	1042710	15.67	X
12/28/2020	BT21	255	1042709	16.15	X
12/28/2020	BT10	256	1042708	17.13	X
12/28/2020	BT16	257	1042707	15.99	X
12/28/2020	D10	258	1042706	20.54	X
12/28/2020	BT13	259	1042705	13.73	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - March 31, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
12/29/2020	D11	260	1042704	18.02	X
12/29/2020	KT10	261	1042703	12.93	X
12/29/2020	2	262	1042702	14.71	X
12/29/2020	BT11	263	1042701	13.49	X
12/29/2020	D10	264	1042700	18.08	X
12/29/2020	D11	265	1042699	16.5	X
12/29/2020	2	266	1042698	10.74	X
12/29/2020	BT11	267	1042697	15.39	X
12/29/2020	D10	268	1042696	21.92	X
12/29/2020	KT10	269	1042695	13.95	X
12/29/2020	D11	270	1042694	21.82	X
12/29/2020	2	271	1042693	14.59	X
12/29/2020	BT11	272	1042692	14.15	X
12/29/2020	KT10	273	1042691	11.87	X
12/29/2020	BT16	274	1042690	18.83	X
12/29/2020	D10	275	1042689	21.27	X
12/29/2020	2	276	1042688	13.89	X
12/29/2020	11	277	1042687	21.74	X
12/29/2020	KT10	278	1042686	14.07	X
12/30/2020	BT16	279	1042685	20.84	X
12/30/2020	2	280	1042684	20.55	X
12/30/2020	D9	281	1042683	24.14	X
12/30/2020	KT12	282	1042682	18.19	X
12/30/2020	KT10	283	1042681	16.65	X
12/30/2020	D10	284	1042680	23.35	X
12/30/2020	D11	285	1042679	20.99	X
12/30/2020	BT16	286	1042678	19.04	X
12/30/2020	KT12	287	1042677	13.2	X
12/30/2020	KT10	288	1042676	11.66	X
12/30/2020	2	289	1042675	13.89	X
12/30/2020	9	290	1042674	20.15	X
12/30/2020	D11	291	1042673	18.64	X
12/30/2020	BT16	292	1042672	21.59	X
12/30/2020	D10	293	1042671	24.53	X
12/30/2020	2	294	1042670	15.86	X
12/30/2020	D9	295	1042669	23.36	X
12/30/2020	KT12	296	1042668	12.59	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - March 31, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
12/30/2020	KT10	297	1042667	9.69	X
12/30/2020	BT16	298	1042666	16.34	X
12/30/2020	2	299	1042665	13.59	X
12/30/2020	D9	300	1042664	20.03	X
12/30/2020	D10	301	1042663	22.03	X
12/30/2020	D11	302	1042662	19.31	X
12/30/2020	D10	303	1042661	23.84	X
12/30/2020	2	304	1042660	14.77	X
12/30/2020	KT12	305	1042659	16.1	X
1/4/2021	BT16	306	1042658	16.82	X
1/4/2021	D10	307	1042657	19.44	X
1/4/2021	D11	308	1042656	19.72	X
1/4/2021	KT10	309	1042655	10.66	X
1/4/2020	KT11	310	1042654	16.17	X
1/4/2020	D9	311	1042653	18.7	X
1/4/2021	BT16	312	1042652	16.49	X
1/4/2021	D10	313	1042651	16.61	X
1/4/2021	--	314	1042650	17.59	X
1/4/2021	--	315	1042649	16.52	X
1/5/2021	10	316	1042648	9.29	X
1/5/2021	2	317	1042647	15.68	X
1/5/2021	BT17	318	1042646	22.03	X
1/5/2021	BT13	319	1042645	18.95	X
1/5/2021	D10	320	1042644	17.82	X
1/5/2021	--	321	1042643	20.29	X
1/5/2021	D11	323	1042642	23.23	X
1/5/2021	2	324	1042641	14.6	X
1/5/2021	BT17	325	1042640	19.55	X
1/5/2021	BT13	326	1042639	15.93	X
1/5/2021	KT10	327	1042638	15.22	X
1/5/2021	D11	328	1042637	12.39	X
1/5/2021	2	329	1042636	14.48	X
1/5/2021	D10	330	1042635	10.74	X
1/5/2021	D11	331	1042634	21.16	X
1/5/2021	BT17	332	1042633	18.47	X
1/5/2021	BT13	333	1042632	14.13	X
1/5/2021	KT10	334	1042631	11.83	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - March 31, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
1/5/2021	2	335	1042630	13.84	X
1/6/2021	D10	336	1042629	22.66	X
1/6/2021	BT9	337	1042628	14.21	X
1/6/2021	D11	338	1042627	23.62	X
1/6/2021	KT10	339	1042626	8.52	X
1/6/2021	2	340	1042625	13.34	X
1/6/2021	BT19	341	1042624	11.17	X
1/6/2021	BPD5	342	1042623	16.84	X
1/6/2021	KT11	343	1042622	17.73	X
1/6/2021	D11	344	1042621	21.52	X
1/6/2021	BT9	345	1042722	16.39	X
1/6/2021	BT19	346	1042723	21.74	X
1/7/2021	KT10	347	1042724	13.94	X
1/7/2021	KT10	348	1042725	14.62	X
1/7/2021	KT12	349	1042726	12.39	X
1/7/2021	BPD5	350	1042727	17.02	X
1/7/2021	BT19	351	1042728	15.29	X
1/7/2021	D11	352	1042729	17.38	X
1/7/2021	D10	353	1042730	23.65	X
1/7/2021	2	354	1042731	13.53	X
1/7/2021	BPD5	355	1042732	17.74	X
1/7/2021	KT10	356	1042733	15.05	X
1/7/2021	BT19	357	1042734	16.24	X
1/7/2021	D11	358	1042735	15.15	X
1/7/2021	D10	359	1042736	19.04	X
1/7/2021	2	360	1042737	13.75	X
1/7/2021	KT10	361	1042738	12.09	X
1/7/2021	KT12	362	1042739	14.06	X
1/7/2021	BT19	363	1042740	15.63	X
1/7/2021	BPD5	364	1042741	17.08	X
1/7/2021	D11	365	1042742	19.1	X
1/7/2020	D10	366	1042743	21.91	X
1/11/2021	D9	367	1042744	21.5	X
1/11/2021	KT12	368	1042745	10.82	X
1/11/2021	KT10	369	1042746	10.56	X
1/11/2021	D11	370	1042747	15.66	X
1/11/2021	BT13	371	1042748	18.33	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - March 31, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
1/11/2021	D10	372	1042749	20.7	X
1/11/2021	BT19	373	1042750	14.83	X
1/11/2021	BT19	374	1042751	18.47	X
1/11/2021	BT10	375	1042752	17.11	X
1/11/2021	D11	376	1042753	22.73	X
1/11/2021	D10	377	1042754	23.1	X
1/11/2021	BT19	378	1042755	18.94	X
1/11/2021	BT13	379	1042756	22.47	X
1/11/2021	D9	380	1042757	21.75	X
1/11/2021	BT9	381	1042758	13.9	X
1/11/2021	BT10	382	1042759	18.24	X
1/11/2021	D11	383	1042760	23.37	X
1/11/2021	KT12	384	1042761	12.93	X
1/11/2021	KT10	385	1042762	12.26	X
1/11/2021	D10	386	1042763	18.35	X
1/11/2021	BT13	387	1042764	21.29	X
1/11/2021	BT19	388	1042765	16.45	X
1/11/2021	D9	389	1042766	16.4	X
1/11/2021	KT12	390	1042767	15.97	X
1/11/2021	BT10	391	1042768	14.74	X
1/11/2021	KT10	392	1042769	20.18	X
1/11/2021	BT9	393	1042770	22.24	X
1/11/2021	D10	394	1042771	13.66	X
1/11/2021	KT12	395	1042772	13.66	X
1/12/2021	D9	396	1042773	19.74	X
1/12/2021	D11	397	1042774	18.7	X
1/12/2021	KT10	398	1042775	12.27	X
1/12/2021	D10	399	1042776	20.91	X
1/12/2021	D9	400	1042777	20.9	X
1/12/2021	D10	401	1042778	19.92	X
1/12/2021	D10	402	1042779	20.7	X
1/12/2021	KT10	403	1042780	12.11	X
1/12/2021	D9	404	1042781	22.22	X
1/12/2021	D10	405	1042782	21.13	X
1/12/2021	KT10	406	1042783	11.51	X
1/12/2021	D11	407	1042784	13.36	X
1/14/2021	D9	408	1042785	19.56	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - March 31, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
1/14/2021	D9	409	1042786	20.38	X
1/14/2021	D11	410	1042787	19.11	X
1/14/2021	D10	411	1042788	20.06	X
1/14/2021	D11	412	1042789	23.14	X
1/14/2021	D9	413	1042790	19.92	X
1/14/2021	D9	414	1042791	20.78	X
1/14/2021	D9	415	1042792	19.3	X
1/14/2021	D11	416	1042793	23.15	X
1/14/2021	BT10	417	1042794	21.01	X
1/15/2021	D10	418	1042795	20.98	X
1/15/2021	BT9	419	1042796	17.74	X
1/15/2021	D9	420	1042797	21.16	X
1/15/2021	D11	421	1042798	20.85	X
1/15/2021	D10	422	1042799	19.74	X
1/15/2021	D11	423	1042800	22.07	X
1/15/2021	D9	424	1042801	21.46	X
1/15/2021	D10	425	1042802	18.59	X
1/15/2021	D11	426	1042803	22.76	X
1/22/2021	163	427	1042822	26.58	X
1/22/2021	162	428	1042818	25.2	X
1/22/2021	148	429	1042819	31.13	X
1/22/2021	96	430	1042805	12.12	X
1/22/2021	138	431	1042821	19.66	X
1/29/2021	--	432	1042822	20.06	X
1/29/2021	--	433	1042824	17.5	X
2/2/2021	96	434	1042823	17.5	X
2/8/2021	96	435	1042826	18.68	X
2/15/2021	96	436	1042827	14.08	X
2/24/2021	82	437	1042828	21.27	X
3/9/2021	96	438	1042829	13.22	
3/15/2021	82	439	1042830	10.78	
Total				8,628.07	

SITE	BFI/CMS LANDFILL 704-782-2004 5105 MOREHEAD RD CONCORD, NC 28025
CUSTOMER	333662 ED WALLACE CONSTRUCTION, INC PO BOX 129 STANLEY, NC 28164 Contract:50102012078-2 Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
Y6	2796538	5538
WEIGHMASTER		
Keyona C.		
DATE/TIME IN	3/9/21 11:43 am	DATE/TIME OUT
VEHICLE	stat96	CONTAINER
REFERENCE	1042829	stat2512
BILL OF LADING		

SCALE IN	GROSS WEIGHT	63,860	NET TONS	13.22	INBOUND
TARE OUT	TARE WEIGHT	37,420	NET WEIGHT	26,440	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
13.22	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.

NET AMOUNT
TENDERED
CHANGE
CHECK#



NON-HAZARDOUS WASTE MANIFEST

1042829

Please print or type.

1. Generator's US EPA ID Number		Manifest Document Number		2. Page 1 of		1791538				
3. Generator's Name and Mailing Address CPC PO BOX 87 Paw Creek, NC 28213				5. Generating Location (if different) Colonial Pipeline Company 14101 Huntersville-Concord Rd. Paw Creek, NC 28078						
4. Phone ()				6. Phone ()						
7. Transporter #1 Company Name			8. US EPA ID Number		9. Transporter #1's Phone					
10. Transporter #2 Company Name			11. US EPA ID Number		12. Transporter #2's Phone					
13. Designated T/S/D Facility Name and Site Address CMS Landfill 5105 Morehead Rd Concord, NC 28027			14. US EPA ID Number 704-262-8371		15. Facility's Phone					
16. Waste Shipping Name and Description a. contaminated soil 5010-20-12078			17. Republic Services Approval # and Exp. Date 9/17/2021		18. Containers		19. Total Quantity EST 20	20. Unit Wt/Vol T		
					No.	Type CM				
b.							12 22			
c.							200440			
21. Additional Descriptions for Materials Listed Above										
22. Special Handling Instructions and Additional Information NHL 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 Stephen Stokes				Signature <i>[Signature]</i>				Month 03	Day 29	Year 21
24. Transporter #1: Acknowledgement of Receipt of Materials										
Printed/Typed Name Kenneth S. Morehead				Signature <i>[Signature]</i>				Month 3	Day 9	Year 21
25. Transporter #2: Acknowledgement of Receipt of Materials										
Printed/Typed Name				Signature				Month	Day	Year
26. Discrepancy Indication Space CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-8371										
27. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)										
Printed/Typed Name Kay				Signature <i>[Signature]</i>				Month 03	Day 09	Year 21

TRANSPORTER #2

COM000033
RS-F15

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	TICKET #	CELL
Y6	1797743	
WEIGHMASTER yona C.		
DATE/TIME IN		DATE/TIME OUT
3/15/21 3:35 pm		3/15/21 3:35 pr
VEHICLE	CONTAINER	
stat82	stat2512	
REFERENCE 1042830		
BILL OF LADING		

SCALE IN	GROSS WEIGHT	56,500	NET TONS	10.78	INBOUND
TARE OUT	TARE WEIGHT	34,940	NET WEIGHT	21,560	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
10.78	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

1042830

Please print or type.

1. Generator's US EPA ID Number		Manifest Document Number		2. Page 1 of		1042830	
3. Generator's Name and Mailing Address GFC PO BOX 57 Paw Creek, NC 28113				5. Generating Location (if different) Colonial Pipeline Company 14101 Huntersville-Concord Rd. Paw Creek, NC 28078			
4. Phone ()				6. Phone ()			
7. Transporter #1 Company Name				8. US EPA ID Number		9. Transporter #1's Phone	
10. Transporter #2 Company Name				11. US EPA ID Number		12. Transporter #2's Phone	
13. Designated T/S/D Facility Name and Site Address CMS Landfill 5105 Morehead Rd Concord, NC 28027				14. US EPA ID Number 704-262-6371		15. Facility's Phone	
16. Waste Shipping Name and Description				17. Republic Services Approval # and Exp. Date		18. Containers	
						19. Total Quantity	
						20. Unit Wt/Vol	
a. contaminated soil				5010-20-12078		3/17/2021	
b.							
c.							
21. Additional Descriptions for Materials Listed Above							
22. Special Handling Instructions and Additional Information MAN: 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 Adam Harris				Signature <i>[Signature]</i>			
24. Transporter #1: Acknowledgement of Receipt of Materials				Month Day Year 03 15 21			
Printed/Typed Name <i>[Signature]</i>				Signature <i>[Signature]</i>			
25. Transporter #2: Acknowledgement of Receipt of Materials				Month Day Year 3 15 21			
Printed/Typed Name				Signature <i>[Signature]</i>			
26. Discrepancy Indication Space CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371							
27. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)							
Printed/Typed Name Kay				Signature Kay			
				Month Day Year 03 15 21			

GENERATOR

TRANSPORTER

T/S/D FACILITY

TRANSPORTER #2

Table 6
Summary of Liquids Shipped to
Aaron Oil
(September 12, 2020 - March 31, 2021)

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

Date	Gallons	Bill of Lading No.	Manifest Previously Received
9/12/2020	5,191	154376	X
9/17/2020	3,497	154379	X
9/25/2020	4,911	154378	X
9/30/2020	5,333	155096	X
10/4/2020	2,450	154501	X
10/5/2020	4,873	154502	X
10/21/2020	5,200	147321	X
10/29/2020	5,000	155094	X
11/2/2020	5,363	154503	X
11/3/2020	5,500	154387	X
11/5/2021	5,300	155097	X
11/5/2020	4,755	155166	X
11/7/2020	5,000	155167	X
11/9/2021	5,500	155098	X
11/9/2020	5,000	155168	X
11/11/2020	5,000	155169	X
11/12/2021	5,000	155099	X
11/14/2020	5,000	155171	X
11/17/2020	5,224	155170	X
11/19/2020	5,286	155173	X
12/1/2020	5,500	154382	X
12/23/2020	5,191	155174	X
1/12/2021	2,500	155661	X
1/19/2021	5,000	155665	X
1/20/2021	5,000	155666	X
1/20/2021	5,400	155667	X
1/21/2021	5,000	155672	X
1/25/2021	5,500	155172	X
1/25/2021	5,254	155670	X
1/26/2021	4,050	155671	X
2/2/2021	5,000	155668	X
2/10/2020	5,000	155669	X
2/17/2021	7,700	155304	X
2/19/2021	5,000	155305	X
2/23/2021	5,000	155311	X
3/10/2021	2,500	155309	
3/22/2021	2,800	155316	
Total	179,778		



Material Manifest / Bill of Lading
NO. 155309

Section 1 SHIPPER / GENERATOR (Generator completes all of Section 1)

a. Company Name: Edaniel Pipeline Co b. Generating Location: Huntsville
c. Address: 324 Kensington Cir d. Address: 1418 Huntsville Concord Rd
Charlotte NC 28214 Huntsville AL 35898
e. Phone No: 704 387 7777 Contact: SL (Edaniel) f. Shippers
24 Hour Emergency Ph# 704 387 7777
g. D.O.T. Description of Material: HM UNP31 kerosene liquid NUS (containing 1% NUS) (KTI)
h. Quantity 18200 Units: 6 Type: TI See back for examples
i. AOC Description of Material: Section: 1 2 3 4 Containers: Type
MD - Metal Drum
T - Truck
O - Other
RC - Rail Car
Units
Y3 - Cubic Yards
G - Gallons
B - Barrels
O - Other
j. Generator / Shipper U.S. EPA # AK005763312 (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 3/10/2021

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 _____
No. _____ Service _____
No. _____ Service _____
c. 100% Pumpable yes no
Upon Delivery ☒ ☐
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 3/10/2021

Section 3 TRANSPORTER (Generator complete a-c, Transporter I d-e. Transporter II f-j)

TRANSPORTER I
a. Name: STAF INC
b. Address: 2550 Hickory Blvd
Leicester AL 36047
c. Phone No: 334 234 0411 d. U.S. EPA # AK005763312
TRANSPORTER II
f. Name: STAF INC
g. Address: 2550 Hickory Blvd
Leicester AL 36047
h. Phone No: 334 234 0411 i. U.S. EPA # NC0780777142

Acknowledgement of Receipt of Materials

e. X Driver Signature Date 3/10/21
j. TC Driver Signature Date 3/22/21

Section 4 DESTINATION (Generator completes) Section 5 BILLING INFO (if different from section 1)

a. Site Name: Leak site a. Name: _____
b. Physical Address: 703 1st Ave SE b. Mailing Address: _____
Atlanta GA 30332 c. Phone No.: _____ Contact _____
c. Phone No.: 404 541 4541 U.S. EPA # AK005763312
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. X Name of Authorized Agent Signature Date 3/23/21

Form #48
Copyright 1997

Table 7
Summary of Liquids Shipped to MEI
(March 24, 2021 - March 31, 2021)

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

Date	Gallons	Manifest No.	Manifest Previously Provided
3/24/2021	5,348	1	
3/26/2021	5,538	5	
3/26/2021	5,476	6	
3/27/2021	5,481	7	
3/27/2021	5,417	8	
3/27/2021	5,538	9	
3/29/2021	5,449	12	
3/29/2021	5,480	13	
3/29/2021	5,417	14	
3/30/2021	5,480	15	
3/30/2021	5,417	16	
3/31/2021	5,417	17	
3/31/2021	5,417	18	
3/31/2021	5,417	19	
Total	76,292		

NOTICE: Shippers of hazardous materials must enter 24-hour emergency response telephone number under "Emergency Response Phone Number."

Bill of Lading No. MEI 0006

Shipper No. _____

Carrier No. US DOT 700567

Shipping Order

Phoenix Environmental Inc.
(Name of Carrier)

*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.  (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 the 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.

Note: Liability limitation for loss

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 Colonial Pipeline

CARRIER *Marine Environmental Inc*
PER *Zach Euston*

PER W. H. Allen
2 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.

1-11

Carrier No. US DOT 900567

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 A-B3876, 9013, 9014 T-3841, L3841, 3843

1-11

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 3-27-21

Bill of Lading No. MEI - 0008

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-98				
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, Form 350.	Weight (Subject to Correction)*	Rate or Class	CHARGES
1	X	UN 1993 Combustible liquids NOS Contains Less than 10% Gasoline PG III ERG # 128		TT	5,417	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.

(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 on 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

PER

CARRIER

PER

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 A-83876, 9013, 9014 T-3841, L3841, 3843

1-11

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)

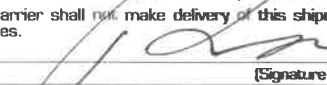
Date 3-27-21

Bill of Lading No. MEI 0009

Shipper No.

Carrier No. US DOT 900567

TO: Consignee Marion Environmental		FROM: Shipper Colonial Pipeline Company				
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 N.O.S. CONTAINS LESS THAN 10% Gasoline 'PG' III ERG# 128		TT	5,538	Gallons
Profile # 449259-1 +6 HCC						

*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.  (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 Adam Harris	CARRIER MEI PER Zach Euton
-----------------------------------	----------------------------------

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 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 A-B3876, 9013, 9014 T-3841, L3841, 3843

1-11

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 3/29/21Bill of Lading No. 00012

Original—Not Negotiable

Marion Environmental Inc.
(Name of Carrier)

Shipper No. _____

Carrier No. US DOT 900567

TO: Consignee <u>Marion Environmental Inc.</u>		FROM: Shipper <u>Colonial Pipeline Company</u>	
Street <u>1704 Tower Industrial Dr</u>		Street <u>14108 Huntersville Concord Rd</u>	
Destination <u>Monroe, NC</u>	Zip Code <u>28110</u>	Origin <u>Huntersville, NC</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	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 NPS PG III Contains Less Than 10% Gasoline		TT	5,449	Gallons
		ERG-#128 Job # 211292				

* 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.

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 <u>CPC</u>	CARRIER <u>M&I</u>
PER <u>Andy Harris</u>	PER <u>Andy Lee</u>

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 A-B3876, 9013, 9014 T-3841, L3841, 3843

1-11

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 Inc
(Name of Carrier)

Date 3/29/21

Bill of Lading No. 0013

Shipper No.

Carrier No. US DOT 900567

TO: Consignee <u>Marion Environmental</u>		FROM: Shipper <u>Colonial Pipeline Company</u>	
Street <u>1704 Tower Industrial Dr</u>		Street <u>14108 Huntersville Concord Rd</u>	
Destination <u>Monroe, NC</u> Zip Code <u>28110</u>		Origin <u>Huntersville NC</u> Zip Code <u>28078</u>	
Route: <u>485-74</u>		Vehicle No. <u>TR-40</u> 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 NPS PG III CONTAINS less than 10% Gasoline		TT	5,480	Gallons
		ERG # 128 Job # 211292				

*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.

(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 Sections 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

Ada Harris OLC

CARRIER

MEI

PER

Zach Ewton

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 3/29/21Bill of Lading No. MEI 00014

Original—Not Negotiable

Marion Environmental Inc.

Shipper No. _____

Carrier No. US DOT 900567

TO: Consignee <u>Marion Environmental Inc.</u>		FROM: Shipper <u>Colonial Pipeline Company</u>	
Street <u>1704 Tower Industrial DR</u>		Street <u>14108 Huntersville Concord Rd</u>	
Destination <u>Monroe, NC</u> Zip Code <u>28110</u>		Origin <u>Huntersville NC</u> Zip Code <u>28078</u>	
Route: <u>485-79</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	UN1993 Combustible liquids N.O.S PG III Contains less than 10% Gasoline ERG # 128 506 211292	T T	5.417	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) (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 <u>CPC</u>	CARRIER <u>MEI</u>
PER <u>Adam Harris</u>	PER <u>Andy Law</u>

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 3/30/21

Bill of Lading No. 000¹⁵

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		Origin Huntersville, NC	
Zip Code 28110		Zip Code 28078	
Route: 485-74		Vehicle No. TR-	
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&H ERG # 128	TT	5480	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.

(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) (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.

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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 CL

CARRIER MEI

PER Zach Euton R. ? A

1

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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 3/30/21

Bill of Lading No. 00016 16

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	
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	11	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.

(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 the 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) (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.

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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 **Alan Harris**CARRIER **MEI**PER **Andy Lee**

1

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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

3/31/21

Bill of Lading No. 00017

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>	
No. Shipping Units <u>1</u>		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	
CHARGES			
<u>un 1993 Combustible liquids N.O.S</u>		<u>5417</u>	
<u>Contains Less than 10% Gasoline PG III</u>		<u>Gallons</u>	
<u>ERG # 128</u>			

*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.

(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 Adams

CARRIER

MEI

PER

Adam Adams

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 A-B3876, 9013, 9014 T-3841, L3841, 3843

1-1

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 3/31/21

Bill of Lading No. 00019

Shipper No.

Carrier No. US DOT 900567

TO: Consignee <u>Marion Environmental</u>		FROM: Shipper <u>Colonial Pipeline</u>	
Street <u>704 Tower Industrial DR</u>		Street <u>1468 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	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 380.	Weight (Subject to Correction)*	Rate or Class	CHARGES
1	X	UN 1993 Combustible liquids NPS 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."

PERMIT
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.

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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 CPCPER Adam HarrisCARRIER MEIPER 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 acknowledged 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.

Table 8
Summary of Liquids Shipped to HCC
(March 24, 2021 - March 31, 2021)

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

Date	Gallons	Manifest No.	Manifest Previously Provided
3/24/2021	5,111	2	
3/25/2021	5,417	3	
3/25/2021	4,977	4	
3/29/2021	5,417	11	
Total	20,922		

NOTICE: Shippers of hazardous materials must enter 24-hour emergency response telephone number under "Emergency Response Phone Number."

Bill of Lading No. MEI - 002

Shipper No.

Carrier No. US DOT 900567

Shipping Order

Marion Environmental

(Name of Carrier)

[illegible]

OC APPROVED
CAB 3/26/21

*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	100	100
-------	-----	-----

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 package 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) hereby 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.

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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 Colonial Pipeline

PER Michael Adams

CARRIER Marion Environmental

PER Andy Lee

2

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.

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NOTICE: Shippers of hazardous materials must enter 24-hour emergency response telephone number under "Emergency Response Phone Number."

Bill of Lading No. MEI ~~0003~~ 0003

Shipper No.

Shipping Order

Marion Environmental

Carrier No. US DOT 900567

(Name of Carrier)

[illegible]REMIT
C.O.D. TO:
ADDRESS:

C.O.D.	
Amt.	

C.O.D. FEE:
PREPAID ☐
COLLECT ☐ \$

TOTAL

CHARGES: \$

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.

\$ _____ per _____

(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, and to deliver to the consignee at the place of delivery 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 all 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.

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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 Colonial Pipeline

CARRIER Marion Environmental

PER [Signature]

PER Zach Ewton

2

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.

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STRAIGHT BILL OF LADING - SHORT FORM

NOTICE: Shippers of hazardous materials must enter 24-hour emergency response telephone number under "Emergency Response Phone Number."

Shipping Order

Date 3-25-21Bill of Lading No. MET-0004

Shipper No. _____

Carrier No. US DOT 900567Marion Environmental
(Name of Carrier)

TO: Consignee <u>Heritage Crystal Clean</u>		FROM: Shipper <u>Colonial Pipeline</u>			
Street <u>2115 Speedrail Ct</u>		Street <u>14108 Huntersville Concord Rd</u>			
Destination <u>Concord, NC</u>		Zip Code <u>28025</u>	Origin <u>Huntersville, NC</u>		
Route:		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	UN1993 Combustible Liquids N.O.S., PG III ERG-# 128	TT	4,977	Gallons
QC APPROVED CL 3-26-21					

*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 to 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 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 Colonial PipelineCARRIER MET Marion EnvironmentalPER [Signature]PER Andy Lee

2

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

Date 3/29/21

Bill of Lading No. MET 00011

Shipper No.

Original—Not Negotiable

Marion Environmental Inc
(Name of Carrier)

Carrier No. US DOT 900567

TO: Consignee		Heritage Crystal Clean		FROM: Shipper		Colonial Pipeline		
Street		2115 Speedrail CT		Street		14108 Huntersville Concord Rd		
Destination		Concord NC		Origin		Huntersville NC		
		Zip Code 28025				Zip Code 28078		
Route:		4/85		Vehicle No.		TR-46		
				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 NOS PG III Contains Less Than 10% Gasoline ERG # 128				TT	5,417	Gallons
		JUN 3-29-21						
		From CPL						

*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.

(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 the agreement of said 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 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.

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SHIPPER

CPC

PER

Adam Harris Q16

CARRIER

MEI

PER

Zach Ewton

1

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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.