Colonial Pipeline Company

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Environmental Program Manager

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March 12, 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 February 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 Culbreath at 704.399.5259 / jculbrea@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

March 12, 2021

Apex Job No.: CPC20126

Prepared for:

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1.0 INTRODUCTION

This Monthly Monitoring Report 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). A Comprehensive Site Assessment (CSA) Report was prepared for the Site and submitted to the North Carolina Department of Environmental Quality (NCDEQ) on January 20, 2021 and a Monthly Monitoring Report was submitted to NCDEQ on January 29, 2021. This report 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 Monthly Monitoring Report on behalf of CPC for submittal to NCDEQ.

1.1 Site History And Characterization

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

The area within a 1,500 foot radius of the Site is a mixture of low density residential properties, agricultural properties, and wooded land. Properties within a 1,500 foot radius of the release area 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 multiple water supply wells within 1,000 feet of the release (**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 assessment activities are 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 chemical specific laboratory analysis are summarized in **Table 1** 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 January 31, 2021 to facilitate gauging of the monitoring and recovery well network under steady state conditions on February 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 2** and **Table 3**, 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 through February 26, 2021, 87 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 are provided as **Appendix B**.

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

Each monitoring well present and without measurable free product at the time of the groundwater monitoring event for this reporting period was sampled between February 8 - February 15, 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 three 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 15**, respectively. Analytical results are summarized in **Table 4** 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 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 16** and summarized in **Table 5**. Copies of the laboratory reports are provided in **Appendix A**.

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

Three water supply wells were abandoned during the reporting period. Well abandonment records are provided in **Appendix D**.

5.0 SURFACE WATER INVESTIGATION ACTIVITIES AND RESULTS

The Site is located within the Yadkin Pee-Dee River Basin. North Prong Clarke Creek is located approximately 1,800 feet north of the release 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. A groundwater seep and 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 groundwater seep location (SW Seep) and the receiving ephemeral stream (SW Confluence). 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

Installation of an air sparge and soil vapor extraction system is underway south of the release area 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 17**). Vapor recovered from soil vapor extraction wells will be 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 the CAP for Incident No. 95827.

6.2 Free Product Recovery Activities

A total of 56 vacuum enhanced recovery wells and 56 hydraulic control wells have been installed within the release area. Pneumatic recovery pumps have been placed in the wells and vacuum is applied to the wells to enhance recovery. As of February 26, 2021, approximately 751,218 gallons of gasoline free product and approximately 616,863 gallons of petroleum contact water have been recovered from the recovery well network. Total product recovery during the initial soil excavation (1,257 gallons), the emergency response activities (90,930 gallons), soil vapor recovery (1,118 gallons), and from the recovery well network is approximately 844,523 gallons. Recovered free product was transported for reprocessing to the Midwest Gas Company located in Columbus, Ohio and the CPC Facility located in Greensboro, North Carolina.

7.0 WASTE DISPOSAL ACTIVITIES

Waste streams and recovered petroleum fuels generated at the site in connection with abatement and corrective action activities include petroleum contact water and soil. 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, and Legacy Environmental Services of Charlotte, North Carolina for processing. Copies of bills of lading and waste manifests covering the January 2021 period are provided in **Appendix F**.

8.0 CONCLUSIONS

A total of 224 wells (87 monitoring wells, 56 recovery wells, 56 hydraulic control wells, and 25 air sparge system wells) were installed at the Site between August 27, 2020 and February 26, 2021. The extent of the free product plume has been delineated by the monitoring and recovery well network. The horizontal extent of the dissolved

phase groundwater plume exceeding 2L Groundwater Quality Standards is delineated based on the February 2021 groundwater monitoring data. Benzene was detected in deep monitoring well MW-25D at a concentration of 1.5 µg/L, exceeding the 2L Groundwater Quality Standard of 1.0 µg/L. Benzene detections in this monitoring well will continue to be monitored. Detections of lead, bromodichloromethane, and dibromochloromethane are not attributed to Incident No. 95827. **Figure 9** through **Figure 15**, depict the horizontal and vertical extent of dissolved phase petroleum impacts, based on the February 2021 groundwater sampling results. Weekly WSW sampling and bi-weekly surface water sampling continue to show no petroleum constituents. Free product recovery activities will continue. As per NCDEQ's Notice dated September 25, 2020, groundwater monitoring reports will be submitted to the NCDEQ Mooresville Regional Office each subsequent month until that schedule is revised.

FIGURES

Data Sources: US Geological Survey (Elevation Products)

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Scale:	1 " = 750 FT
Date/Time:	03/11/2021; 11:45
Project No.:	CPC20126

Site Location Map

Colonial Pipeline Company

2020-L1-SR2448

Huntersville, North Carolina

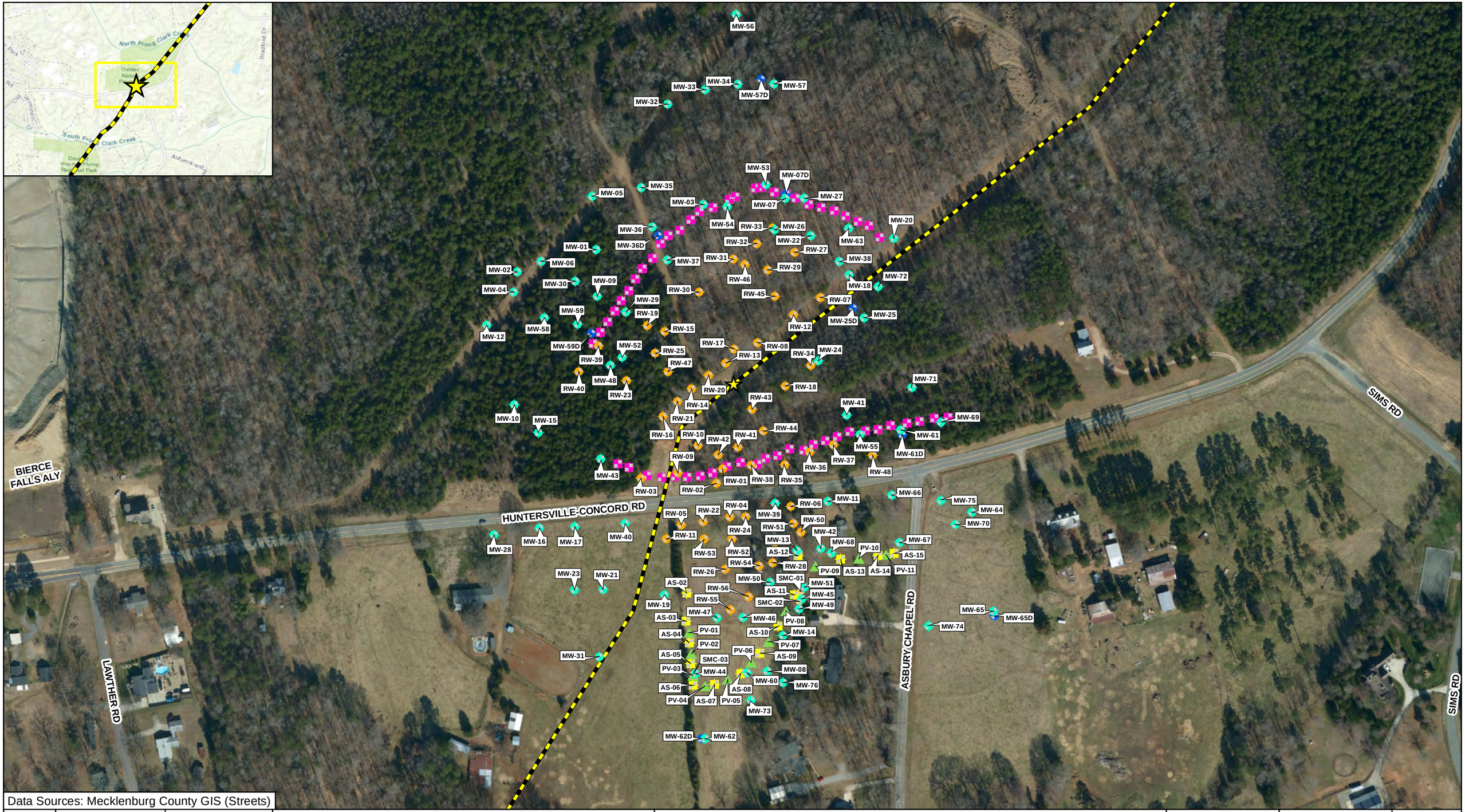
0 750 1,500 2,250 Feet

Figure

1

Release Site

APEX



Data Sources: Mecklenburg County GIS (Streets)

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Date/Time:	03/11/2021; 10:28
Project No.:	CPC20126

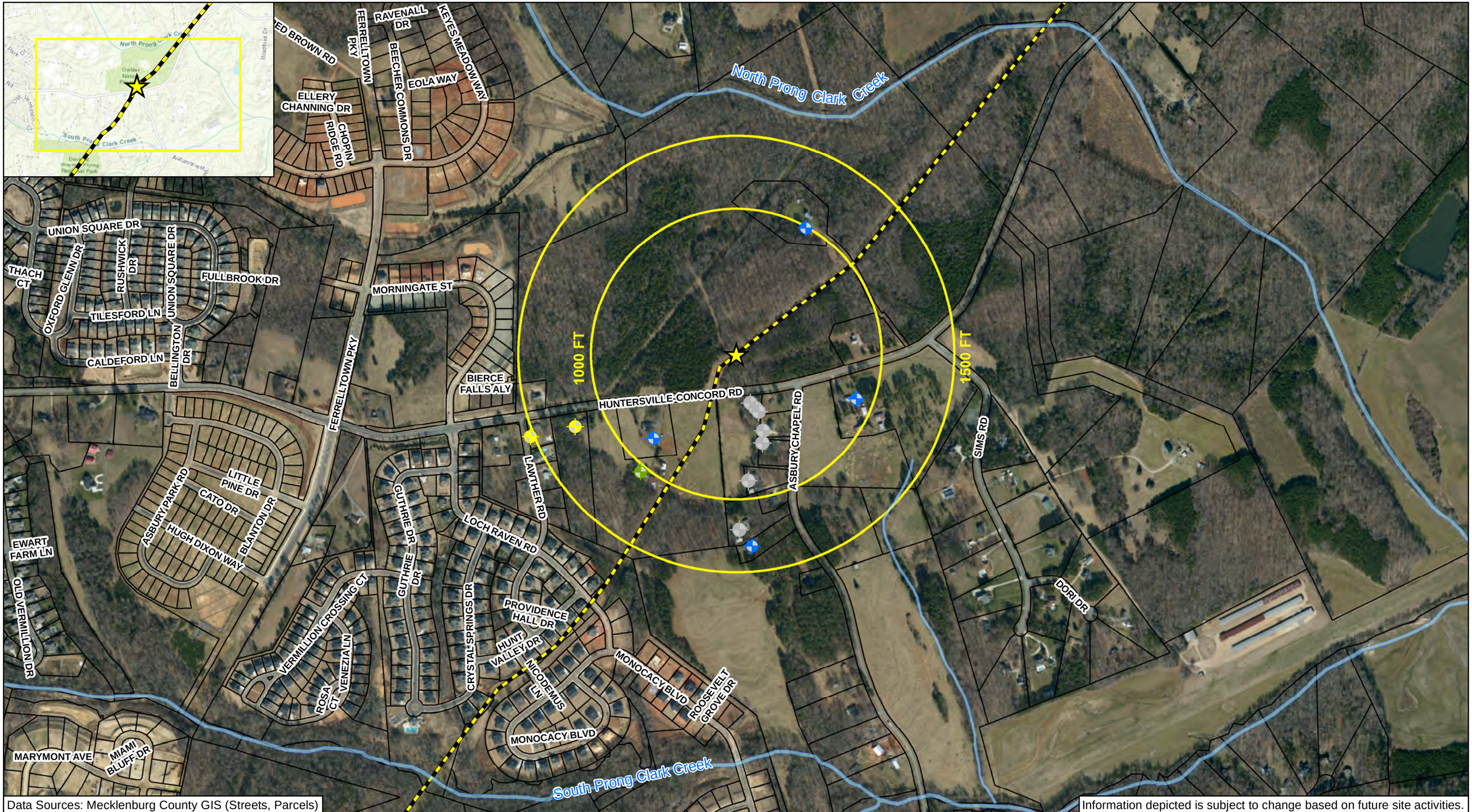
Site Plan
Colonial Pipeline Company
2020-L1-SR2448 Release
Huntersville, North Carolina

0 200 400 600 Feet

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

APEX

FIGURE 2



Data Sources: Mecklenburg County GIS (Streets, Parcels)

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

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Project No.:	CPC20126

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

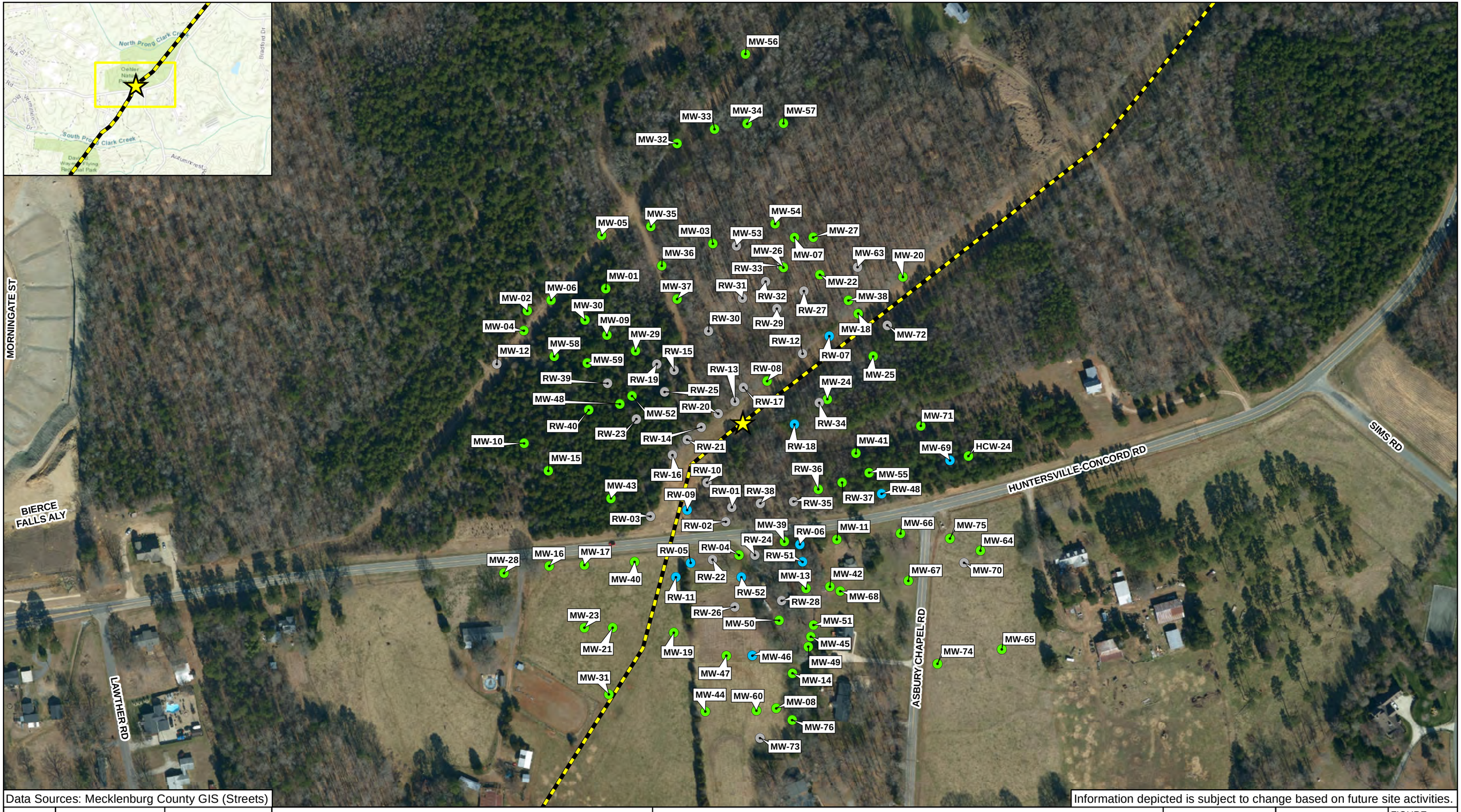
0 600 1,200 1,800 Feet

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)

Notes: Only wells within 1,500 feet of release site are shown.

APEX

FIGURE 3



Data Sources: Mecklenburg County GIS (Streets)

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

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Project No.:	CPC20126

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)

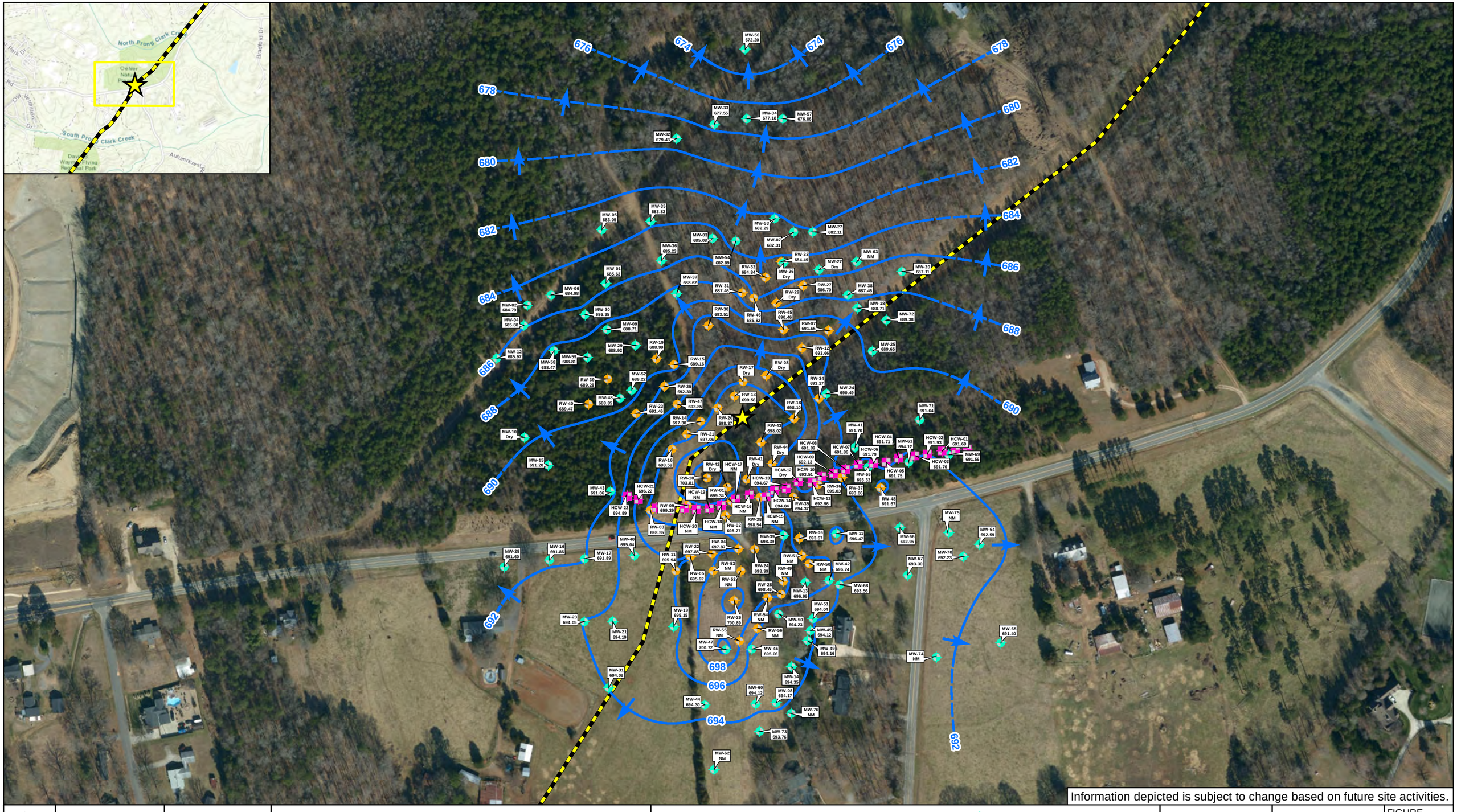
Exceeds Maximum Soil Contaminant Concentration Levels (MSCCs)

Not Sampled Due to Presence of Free Product or Proximity to Clean Locations

Notes: See Table 1 for detailed results.

APEX

FIGURE 4



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Project No.:	CPC20126

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

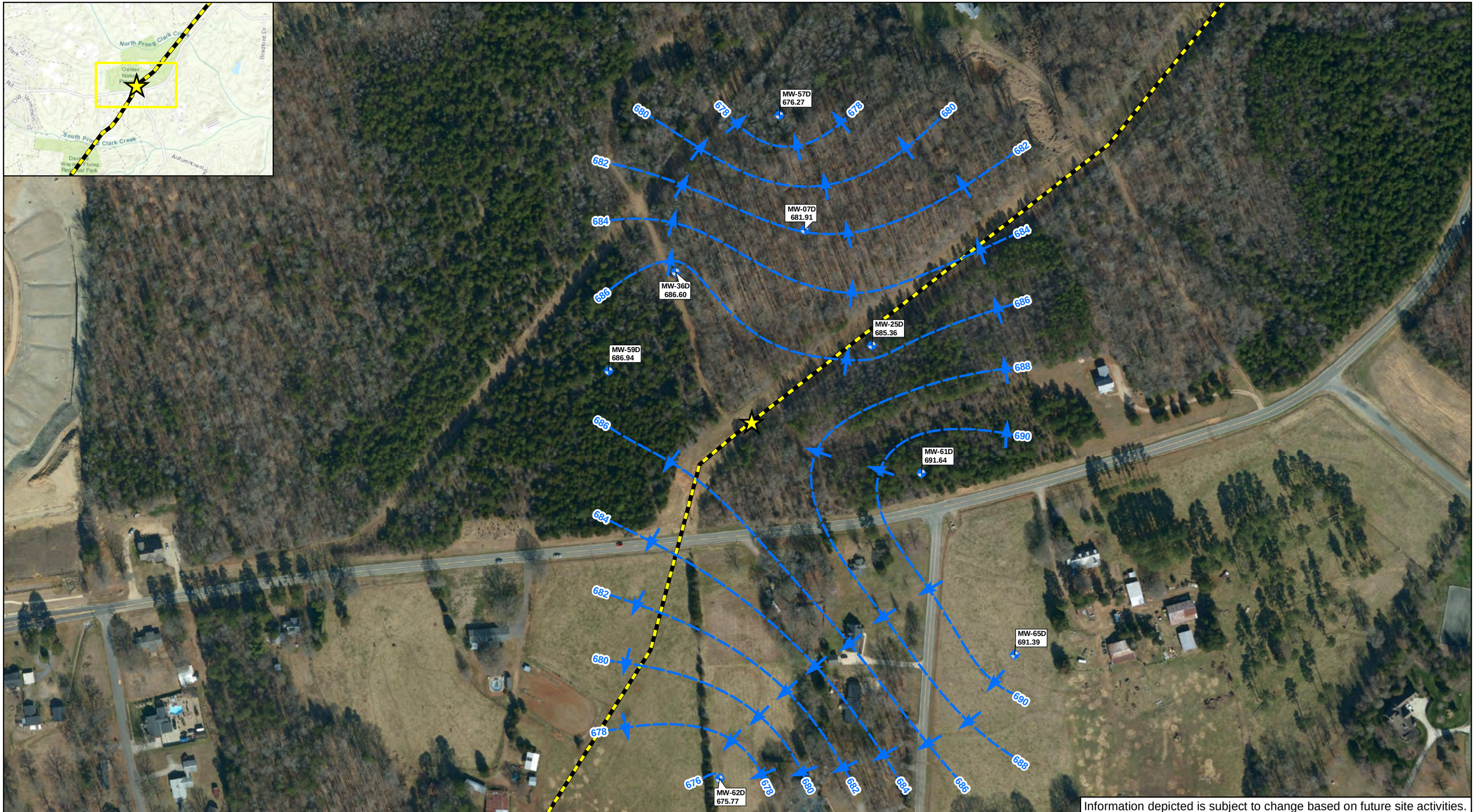
0 200 400 600 Feet

Release Site
Pipeline
Equipotential Contour (ft. amsl) (Dashed where Inferred)
Inferred Groundwater Flow Path
Monitoring Well
Recovery Well
Hydraulic Control Well

NOTES:
Contours based on well gauging data collected 02/01/2021;
Groundwater elevation measurements shown in feet amsl (above mean sea level);
The following locations, denoted as 'NM' (Not Measured/Surveyed) or 'Dry', were not used in contouring: HCW-12 (Dry), HCW-15 through -20 (NM), MW-10 (Dry), MW-22/-26/-62/-63/-74/-75/-76 (NM), RW-29/-41/-42/-44 (Dry), RW-49 through -56 (NM);
Contours interpolated using Surfer (Kriging)

APEX

FIGURE 5



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

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Project No.:	CPC20126

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

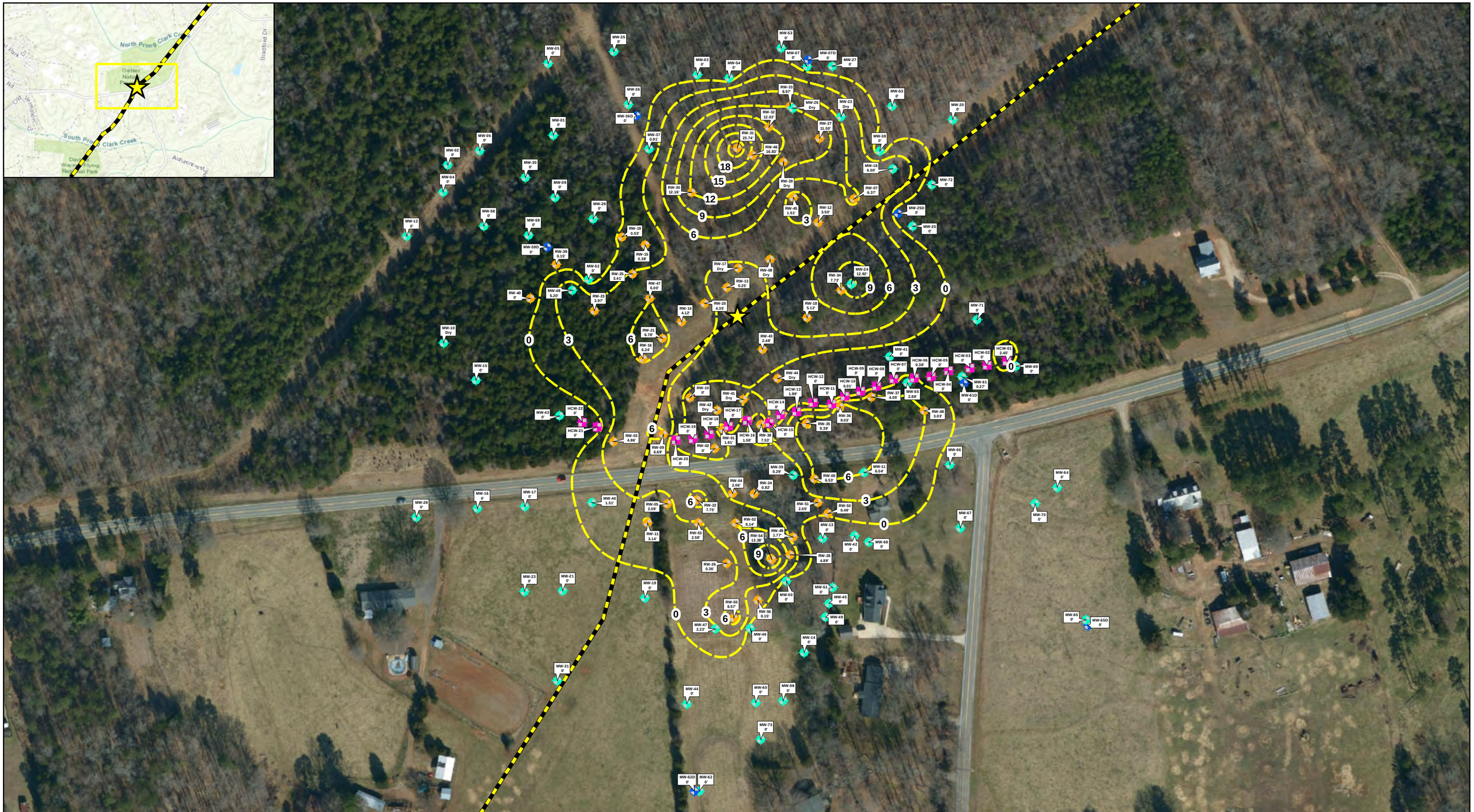
0 200 400 600 Feet

Release Site
Pipeline
Equipotential Contour (ft amsl)
Inferred Groundwater Flow Path
Monitoring Well, Bedrock

NOTES:
Contours based on monitoring well gauging data collected on 02/01/2021;
Groundwater elevation measurements shown in feet amsl (above mean sea level);
Contours interpolated using Surfer (Kriging)

APEX

FIGURE
6



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Project No.:	CPC20126

Free Product Distribution Map
Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

0 150 300 450 Feet

Release Site
Pipeline
Apparent Free Product Thickness Contour
Hydraulic Control Well
Monitoring Well
Monitoring Well (Bedrock)
Recovery Well

NOTES:
All gauging measurements taken 02/01/2021;
Free Product Thickness determined from apparent thickness in wells only and shown in feet;
The following wells, denoted as 'Dry', were not used in contouring: MW-10, MW-22, MW-26, RW-08, RW-17, RW-29, RW-41, RW-42, RW-44;
Contours created using Surfer (Kriging).

APEX

FIGURE 7

MW-56	
2/8/2021	
All Constituents	ND

MW-57D	
2/9/2021	
Lead	**22.8**

MW-57	
2/8/2021	
All Constituents	ND

MW-33	
2/8/2021	
All Constituents	ND

MW-34	
2/8/2021	
All Constituents	ND

MW-32	
2/8/2021	
All Constituents	ND

MW-07	
2/11/2021	
Lead	**57.1**
Benzene	**3.6**
Ethylbenzene	4
n-Propylbenzene	0.66
Toluene	24.3
1,2,4-Trimethylbenzene	0.6
m&p-Xylene	7.4
o-Xylene	5.3
VPH (Total)	182

MW-05	
2/9/2021	
All Constituents	ND

MW-35	
2/8/2021	
All Constituents	ND

MW-53	
2/10/2021	
Chloroform	0.61

MW-7D	
2/9/2021	
Toluene	184
C5 - C8 Aliphatics	360
VPH (Total)	360

MW-36	
2/10/2021	
Benzene	**3.1**
Ethylbenzene	1.9
Toluene	12.7
1,2,4-Trimethylbenzene	3.7
1,3,5-Trimethylbenzene	1
m&p-Xylene	6.9
o-Xylene	3.1
VPH (Total)	149

MW-03	
2/8/2021	
All Constituents	ND

MW-27	
2/9/2021	
All Constituents	ND

MW-26	
Not Sampled (Free Product)	

MW-54	
2/10/2021	
Chloroform	2.6

MW-63	
2/9/2021	
All Constituents	ND

MW-20	
2/10/2021	
Chloroform	1.7
C5 - C8 Aliphatics	192
VPH (Total)	253

MW-06	
2/8/2021	
All Constituents	ND

MW-01	
2/9/2021	
All Constituents	ND

MW-30	
2/9/2021	
All Constituents	ND

MW-37	
Not Sampled (Free Product)	

MW-36D	
2/9/2021	
Lead	**72.1**
Toluene	1.1

MW-22	
Not Sampled (Free Product)	

MW-38	
2/9/2021	
Benzene	**121**
Diisopropyl ether	59.7
Ethylbenzene	4.9
Methyl-tert-butyl ether	**22.2**
Toluene	39.1
1,2,4-Trimethylbenzene	5.1
m&p-Xylene	47.8
o-Xylene	32
C5 - C8 Aliphatics	**443**
C9 - C12 Aliphatics	135
VPH (Total)	622

MW-02	
2/8/2021	
All Constituents	ND

MW-18	
Not Sampled (Free Product)	

MW-04	
2/8/2021	
All Constituents	ND

MW-09	
2/9/2021	
All Constituents	ND

MW-29	
2/9/2021	
Toluene	1

MW-72	
2/9/2021	
Lead	8.4

MW-12	
2/8/2021	
All Constituents	ND

MW-58	
2/8/2021	
Chloroform	1.6

MW-25	
2/9/2021	
Chloroform	0.99

MW-25D	
2/11/2021	
Benzene	**1.5**
Diisopropyl ether	0.69
Ethylbenzene	1.5
Toluene	19.9
1,2,4-Trimethylbenzene	1.6
m&p-Xylene	5.4
o-Xylene	2.7
VPH (Total)	115

MW-59D	
2/12/2021	
Chloroform	23.3

MW-59	
2/9/2021	
Chloroform	0.68

MW-48	
Not Sampled (Free Product)	

MW-24	
Not Sampled (Free Product)	

MW-52	
2/11/2021	
Benzene	**33.2**
Chloroform	0.59
Diisopropyl ether	29.8
Methyl-tert-butyl ether	7.7
Toluene	2.9
1,2,4-Trimethylbenzene	1.7
m&p-Xylene	8.3
o-Xylene	8.9
C5 - C8 Aliphatics	227
VPH (Total)	293

MW-41	
2/10/2021	
Benzene	**16.1**
Diisopropyl ether	5.4
Methyl-tert-butyl ether	1.4
Toluene	0.81
1,2,4-Trimethylbenzene	1
m&p-Xylene	7.2
o-Xylene	4.5
C5 - C8 Aliphatics	119
VPH (Total)	175

MW-71	
2/10/2021	
Lead	**22.6**
Bromodichloromethane	**1.3**
Chloroform	10.6
Toluene	0.66

MW-10	
Not Sampled (Dry)	

MW-55	
Not Sampled (Free Product)	

MW-69	
2/10/2021	
Lead	**40.3**
Chloroform	2.8

MW-15	
2/8/2021	
Lead	14.1

MW-66	
2/12/2021	
Bromodichloromethane	**2.5**
Chloroform	8.6
Dibromochloromethane	**0.62**
Toluene	3
m&p-Xylene	1.6
o-Xylene	0.89
C5 - C8 Aliphatics	165
VPH (Total)	165

MW-61D	
2/10/2021	
Bromodichloromethane	**3.3**
Chloroform	12.9
Dibromochloromethane	**0.89**

MW-61	
Not Sampled (Free Product)	

MW-17	
2/10/2021	
Benzene	0.73
Chloroform	7.1
Ethylbenzene	1.1
Tetrachloroethene	**1.4**
Toluene	6.2
1,2,4-Trimethylbenzene	2
1,3,5-Trimethylbenzene	0.51
m&p-Xylene	4.3
o-Xylene	2

MW-43	
2/9/2021	
Chloroform	0.59

MW-39	
Not Sampled (Free Product)	

MW-75	
2/15/2021	
Lead	**31.8**

MW-28	
2/11/2021	
All Constituents	ND

MW-40	
Not Sampled (Free Product)	

MW-42	
2/12/2021	
Chloroform	5.3
Ethylbenzene	1.6
Naphthalene	4.4
Toluene	3.3
1,2,4-Trimethylbenzene	14.8
1,3,5-Trimethylbenzene	3.9
m&p-Xylene	7.3
o-Xylene	3.6
C9 - C10 Aromatics	123
VPH (Total)	252

MW-11	
Not Sampled (Free Product)	

MW-64	
2/15/2021	
Lead	14.5
Chloroform	0.77

MW-68	
2/15/2021	
Lead	**15.5**

MW-70	
2/15/2021	
Lead	**24.5**

MW-16	
2/10/2021	
Chloroform	0.72
Ethylbenzene	0.83
Toluene	3.1
1,2,4-Trimethylbenzene	2.5
1,3,5-Trimethylbenzene	0.68
m&p-Xylene	3.4
o-Xylene	1.5

MW-19	
2/10/2021	
Benzene	**658**
Chloroform	3
Diisopropyl ether	**83**
Ethylbenzene	23.9
Methyl-tert-butyl ether	**28**
Naphthalene	**33.2**
Toluene	518
1,2,4-Trimethylbenzene	43.9
m&p-Xylene	225
o-Xylene	163.0
C5 - C8 Aliphatics	**3,080**
C9 - C12 Aliphatics	724
C9 - C10 Aromatics	158
VPH (Total)	3,960

MW-13	
2/12/2021	
Chloroform	3
Tetrachloroethene	0.69

MW-67	
2/12/2021	
Toluene	8.2
m&p-Xylene	1.4
o-Xylene	0.59

MW-50	
2/12/2021	
Benzene	**996**
Diisopropyl ether	**161**
Ethylbenzene	37.5
Methyl-tert-butyl ether	**116**
Naphthalene	**54**
Toluene	467
1,2,4-Trimethylbenzene	127
m&p-Xylene	**713**
o-Xylene	367
C5 - C8 Aliphatics	**5,030**
C9 - C12 Aliphatics	2,420
VPH (Total)	8,160

MW-47	
Not Sampled (Free Product)	

MW-14	
2/12/2021	
Chloroform	0.64

MW-51	
2/12/2021	
Chloroform	2.6

MW-74	
2/15/2021	
All Constituents	ND

MW-65	
2/15/2021	
All Constituents	ND

MW-65D	
2/15/2021	
Lead	9.6

MW-46	
2/11/2021	
Benzene	0.74
Chloroform	2.4
Toluene	0.7
m&p-Xylene	1.3
o-Xylene	0.87
VPH (Total)	118

MW-45	
2/12/2021	
Chloroform	3.8

MW-49	
2/12/2021	
Diisopropyl ether	8.3
Methyl-tert-butyl ether	4.1

MW-21	
2/10/2021	
Benzene	**1,030**
Diisopropyl ether	**130**
Ethylbenzene	18.7
Methyl-tert-butyl ether	**68.7**
Naphthalene	**23.3**
Toluene	524
1,2,4-Trimethylbenzene	65.4
m&p-Xylene	330
o-Xylene	182
C5 - C8 Aliphatics	**4,710**
C9 - C12 Aliphatics	991
C9 - C10 Aromatics	269
VPH (Total)	5,970

MW-23	
2/10/2021	
All Constituents	ND

MW-31	
2/10/2021	
Chloroform	1.3

MW-44	
2/12/2021	
Lead	7.2

MW-08	
2/12/2021	
Chloroform	0.77

MW-76	
2/15/2021	
Lead	10.4

MW-60	
2/12/2021	
All Constituents	ND

MW-73	
2/11/2021	
Lead	14.9
Toluene	17.7
C5 - C8 Aliphatics	192
VPH (Total)	262

MW-62D	
2/15/2021	
All Constituents	ND

MW-62	
2/11/2021	
Lead	11.9
Bromodichloromethane	**2.6**
Chloroform	9.8
Dibromochloromethane	**0.85**
VPH (Total)	125

Checked By:	AS
Created By:	BM
Scale:	1 " = 65 FT
Date/Time:	03/11/2021; 10:54
Project No.:	CPC20126

Monitoring Well Sampling Results

Colonial Pipeline Company

2020-L1-SR2448

Huntersville, North Carolina

0 65 130 195 260 Feet

Release Site

Pipeline

Monitoring Well

Monitoring Well (Bedrock)

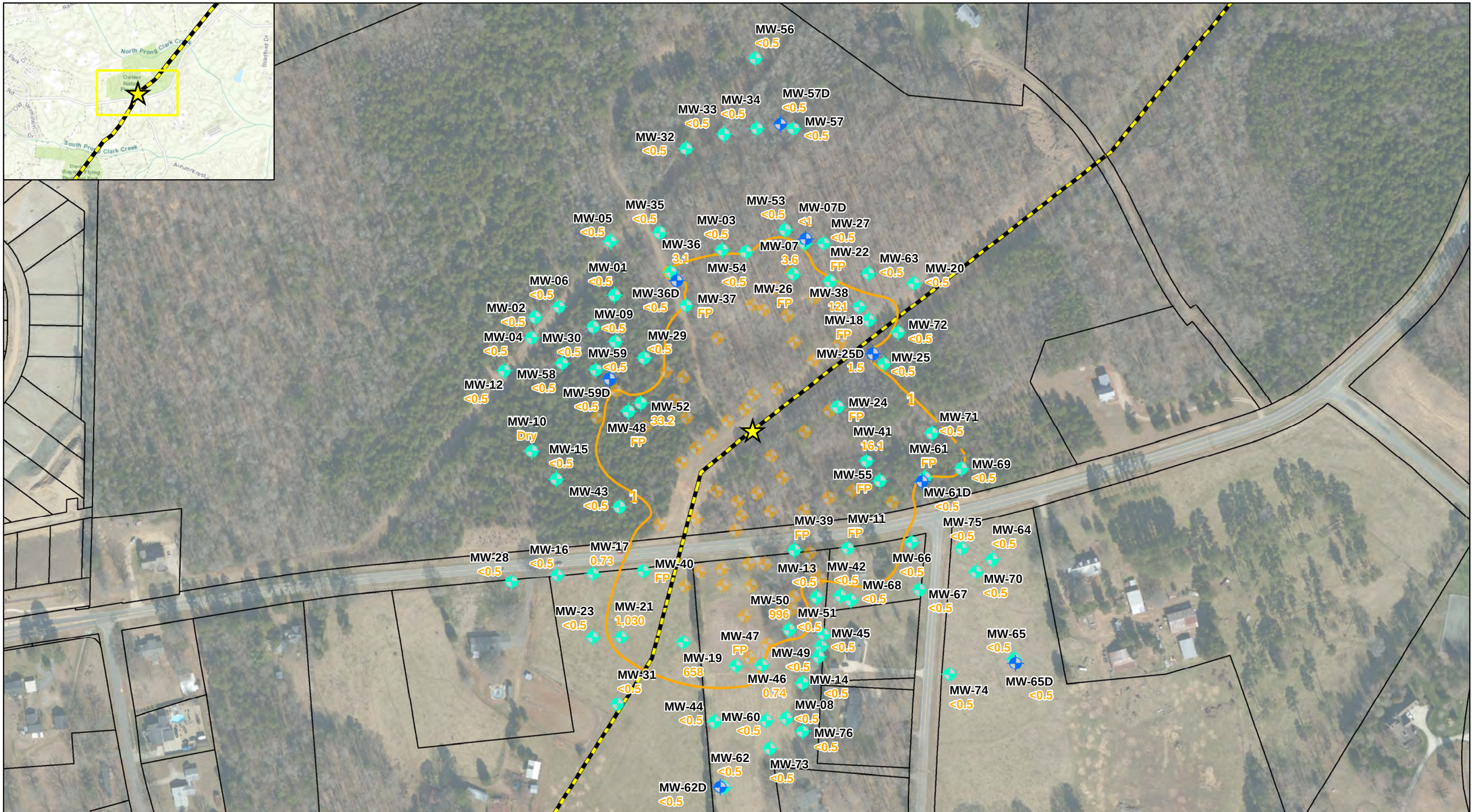
Recovery Well

Notes:
ND = Non-Detect
All units reported in µg/L.
µg/L = Micrograms per Liter
Detections in **Bold** indicate an exceedance of NCAC 2L standard.
Only laboratory detections are shown on this map.
See Table 4 for complete results.

APEX

FIGURE

8



Checked By:	AS
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Date/Time:	03/09/2021; 20:39
Project No.:	CPC20126

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

0 200 400 600 Feet

Release Site
Pipeline
1 Benzene Isocontour (Dashed where Inferred)

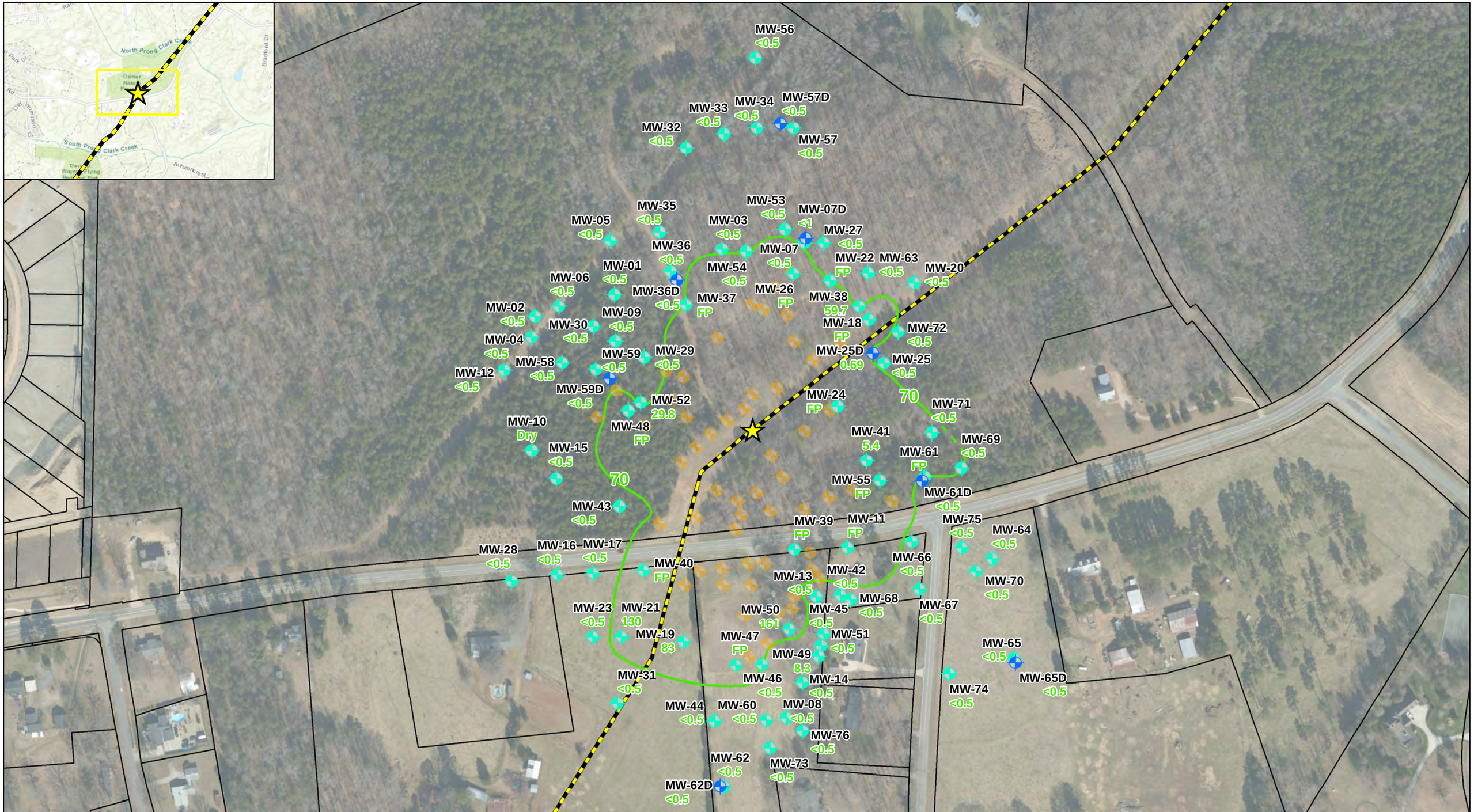
<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit
16.1 Benzene Concentration (µg/L)
FP = Free Product
NS = Not Sampled
µg/L = Micrograms per Liter

Recovery Well
Monitoring Well
Monitoring Well (Bedrock)

NCDEQ 2L Standard for Benzene is 1 µg/L

APEX

FIGURE 9



Checked By:	AS
Created By:	BM
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Date/Time:	03/09/2021; 20:40
Project No.:	CPC20126

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

0 200 400 600 Feet

Release Site

Pipeline

70 Diisopropyl Ether Isocontour (Dashed where Inferred)

<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit

5.4 Diisopropyl Ether Concentration (µg/L)

FP = Free Product

NS = Not Sampled

µg/L = Micrograms per Liter

Recovery Well

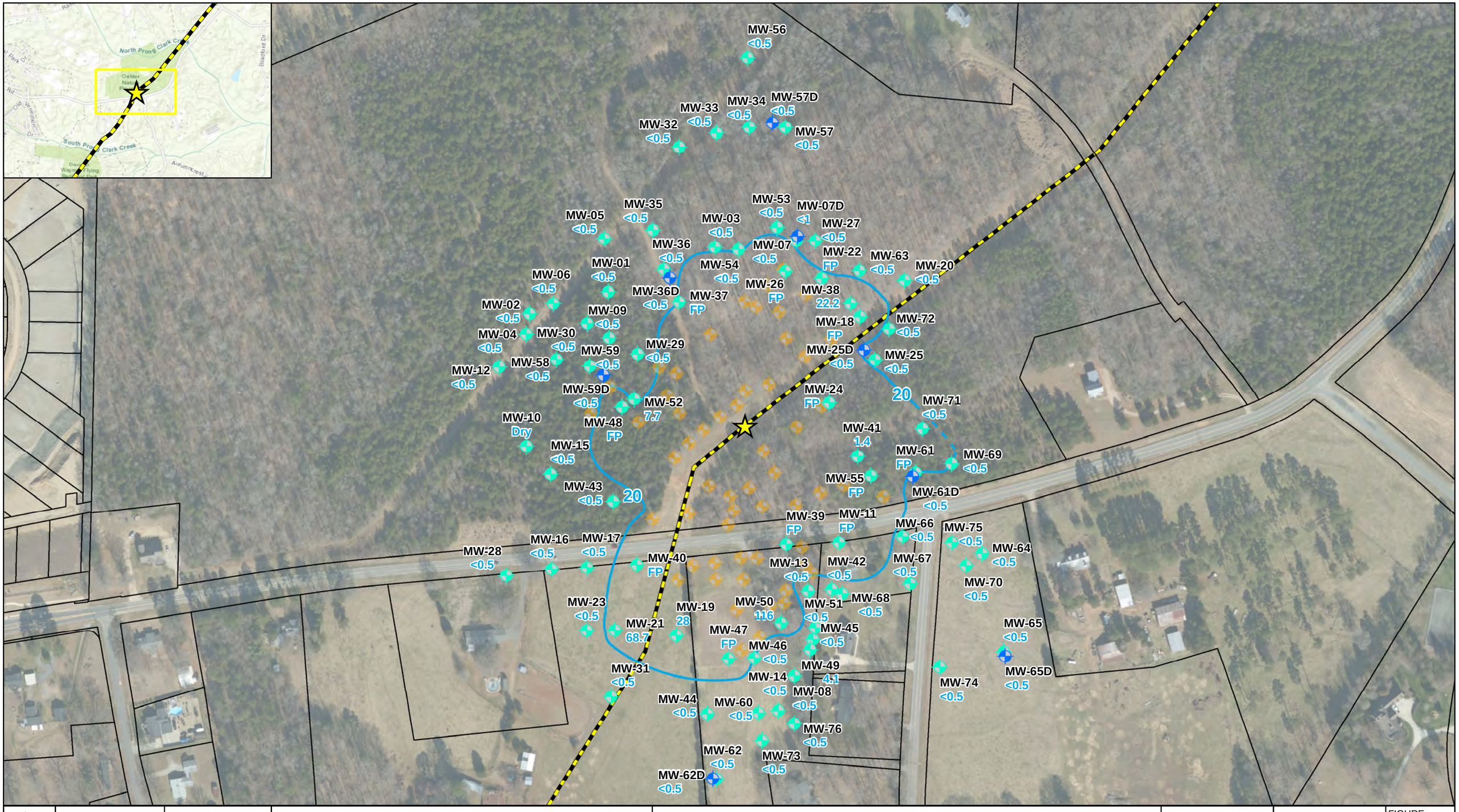
Monitoring Well

Monitoring Well (Bedrock)

NCDEQ 2L Standard for Diisopropyl Ether is 70 µg/L

APEX

FIGURE 10



Checked By:	AS
Created By:	BM
Scale:	1 " = 200 FT
Date/Time:	03/09/2021; 20:42
Project No.:	CPC20126

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

0 200 400 600 Feet

Release Site

Pipeline

20 Methyl-Tert Butyl Ether Isocontour (Dashed where Inferred)

<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit

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

FP = Free Product

NS = Not Sampled

µg/L = Micrograms per Liter

Recovery Well

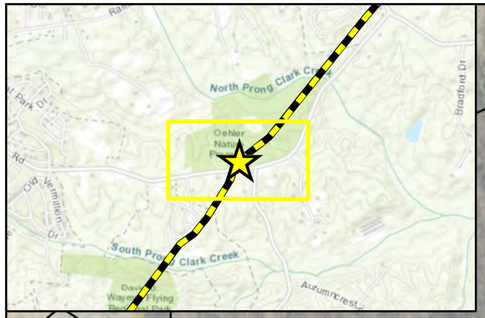
Monitoring Well

Monitoring Well (Bedrock)

NCDEQ 2L Standard for Methyl-Tert Butyl Ether is 20 µg/L

APEX

FIGURE 11



MW-56 <2
MW-33 <2
MW-34 <2
MW-57D <2
MW-57 <2
MW-32 <2
MW-35 <2
MW-53 <2
MW-05 <2
MW-03 <2
MW-07D <4
MW-27 <2
MW-36 <2
MW-07 <2
MW-22 FP
MW-54 <2
MW-63 <2
MW-20 <2
MW-01 <2
MW-06 <2
MW-26 FP
MW-36D <2
MW-37 FP
MW-38 <2
MW-02 <2
MW-30 <2
MW-09 <2
MW-18 FP
MW-72 <2
MW-04 <2
MW-59 <2
MW-29 <2
MW-25D <2
MW-25 <2
MW-12 <2
MW-58 <2
MW-59D <2
MW-24 FP
MW-71 <2
MW-52 <2
MW-10 Dry
MW-48 FP
MW-41 <2
MW-15 <2
MW-61 FP
MW-69 <2
MW-55 FP
MW-43 <2
MW-61D <2
MW-39 FP
MW-11 FP
MW-75 <2
MW-64 <2
MW-28 <2
MW-16 <2
MW-17 <2
MW-40 FP
MW-66 <2
MW-13 <2
MW-42 4.4
MW-67 <2
MW-70 <2
MW-23 <2
MW-21 23.3
MW-19 33.2
MW-50 54
MW-68 <2
MW-51 <2
MW-45 <2
MW-65 <2
MW-47 FP
MW-49 <2
MW-31 <2
MW-46 <2
MW-65D <2
MW-14 <2
MW-74 <2
MW-44 <2
MW-60 <2
MW-08 <2
MW-76 <2
MW-62 <2
MW-73 <2
MW-62D <2

Checked By:	AS
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Scale:	1 " = 200 FT
Date/Time:	03/09/2021; 20:44
Project No.:	CPC20126

Naphtahlene Isoconcentration Map
Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

0 200 400 600 Feet

Release Site
Pipeline
6 Napthalene Isocontour (Dashed where Inferred)

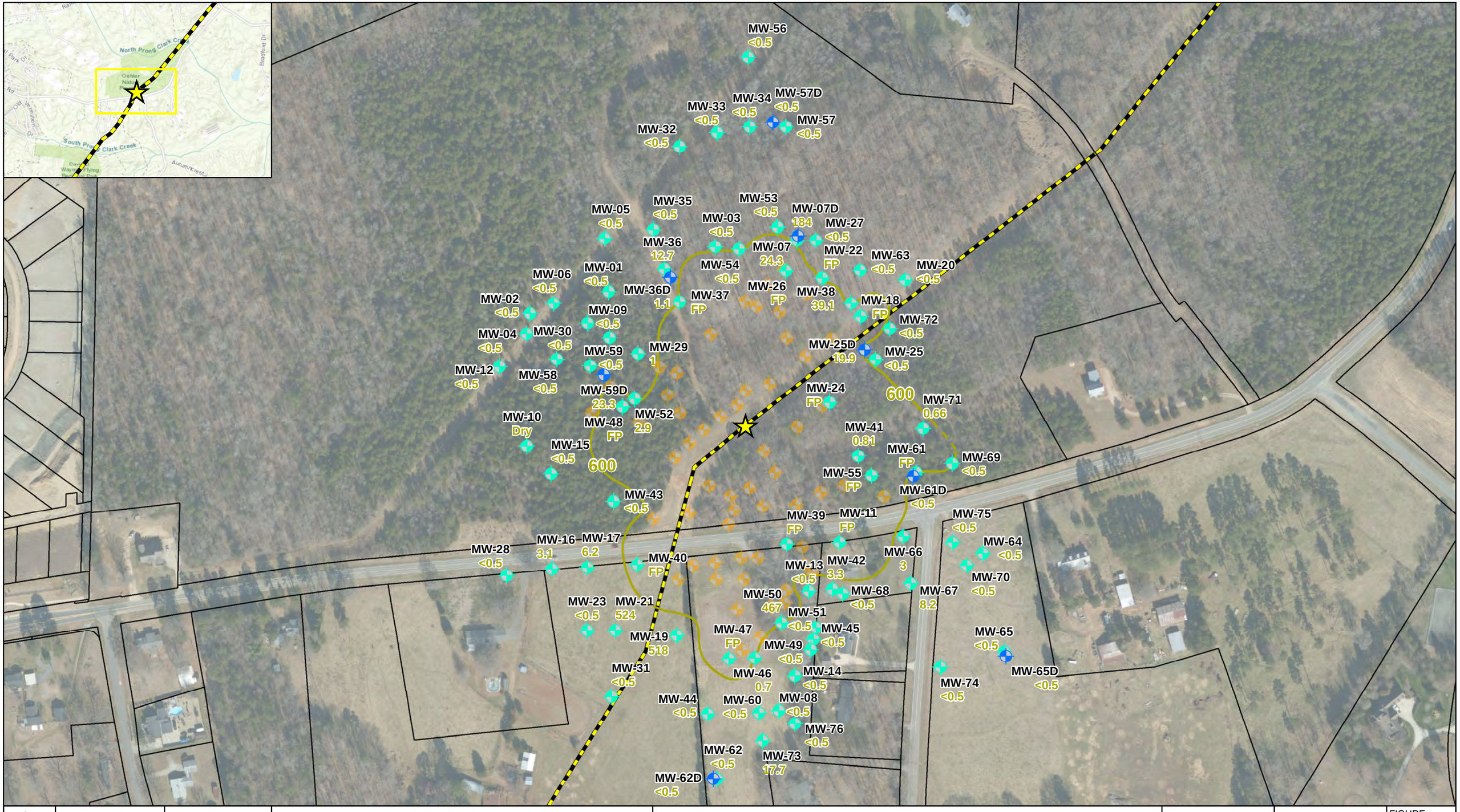
<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit
4.4 Naphthalene Concentration (µg/L)
FP = Free Product
NS = Not Sampled
µg/L = Micrograms per Liter

Recovery Well
Monitoring Well
Monitoring Well (Bedrock)

NCDEQ 2L Standard for Naphthalene is 6 µg/L

APEX

FIGURE 12



Checked By:	AS
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Date/Time:	03/09/2021; 20:45
Project No.:	CPC20126

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

0 200 400 600 Feet

Release Site

Pipeline

600 Toluene Isocontour (Dashed where Inferred)

<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit

23.3 Toluene Concentration (µg/L)

FP = Free Product

NS = Not Sampled

µg/L = Micrograms per Liter

Recovery Well

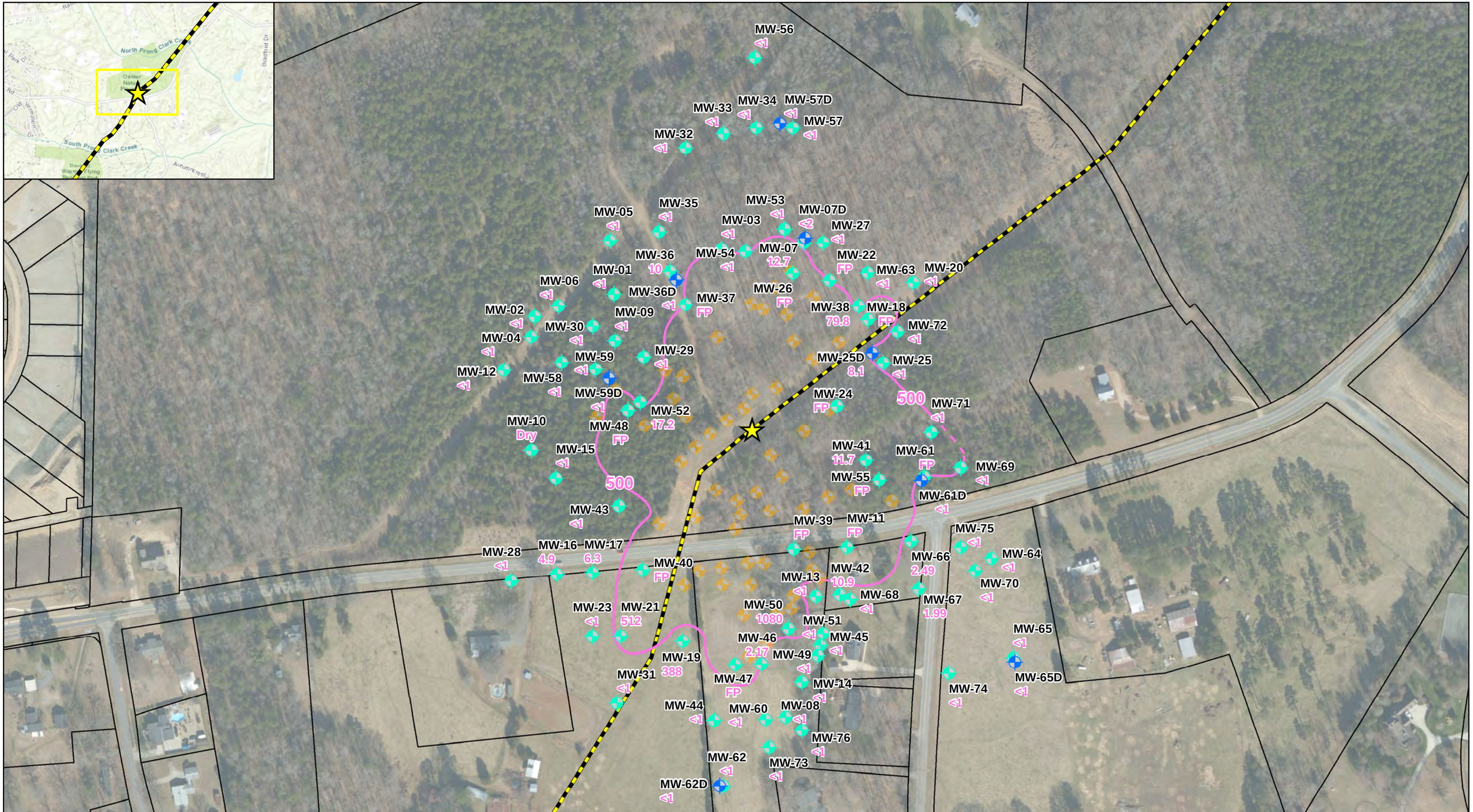
Monitoring Well

Monitoring Well (Bedrock)

NCDEQ 2L Standard for Toluene is 600 µg/L

APEX

FIGURE 13



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Date/Time:	03/09/2021; 20:46
Project No.:	CPC20126

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

0 200 400 600 Feet

Release Site

Pipeline

500 Total Xylenes Isocontour (Dashed where Inferred)

<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit

11.7 Total Xylenes Concentration (µg/L)

FP = Free Product

NS = Not Sampled

µg/L = Micrograms per Liter

Recovery Well

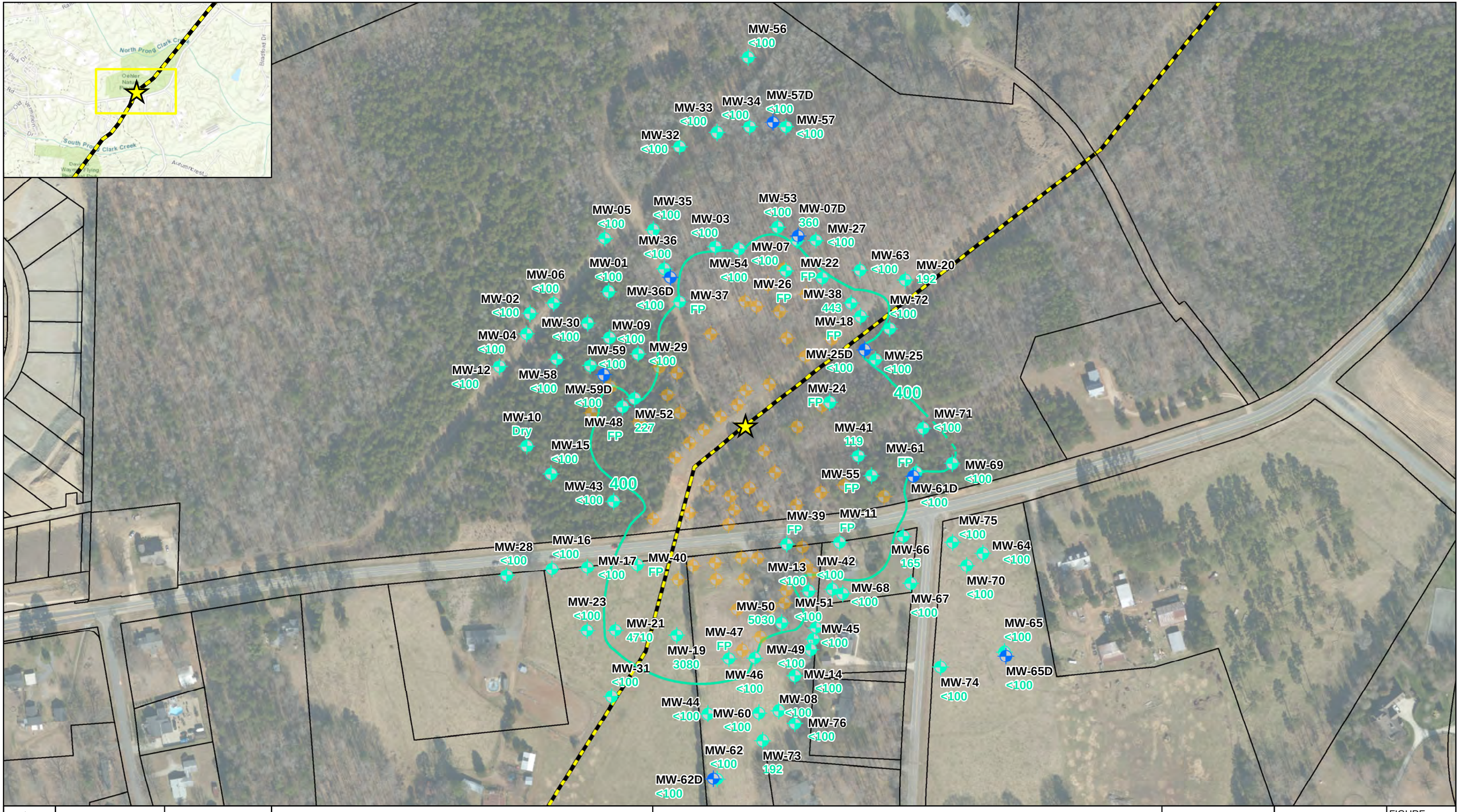
Monitoring Well

Monitoring Well (Bedrock)

NCDEQ 2L Standard for Total Xylenes is 500 µg/L

APEX

FIGURE 14



Checked By:	AS
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Scale:	1 " = 200 FT
Date/Time:	03/09/2021; 20:47
Project No.:	CPC20126

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

0 200 400 600 Feet

Release Site
Pipeline
–400– C5-C8 Aliphatics Isocontour (Dashed where Inferred)

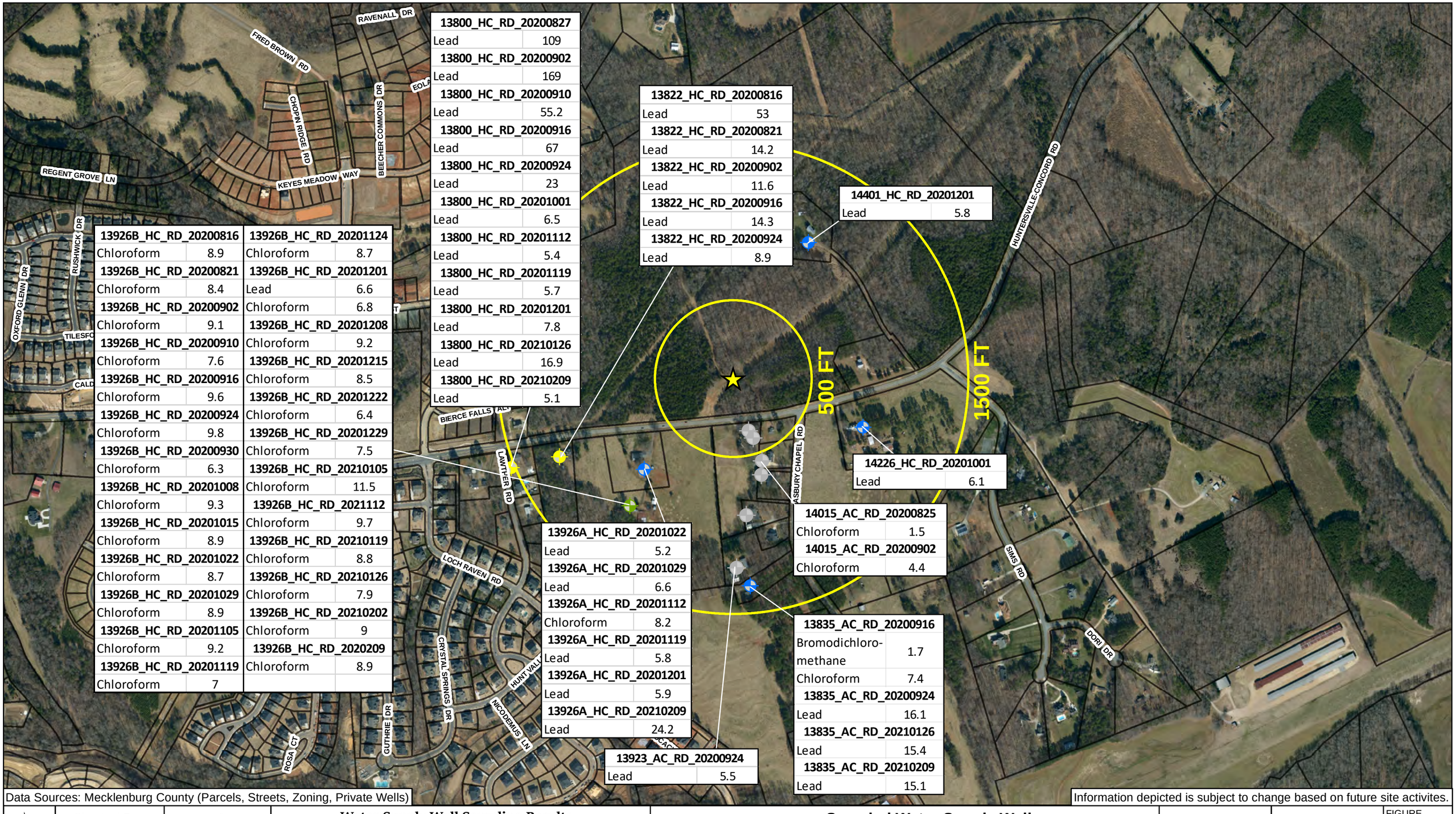
<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit
119 C5-C8 Aliphatics Concentration (µg/L)
FP = Free Product
NS = Not Sampled
µg/L = Micrograms per Liter

Recovery Well
Monitoring Well
Monitoring Well (Bedrock)

NCDEQ 2L Standard for C5-C8 Aliphatics is 400 µg/L

APEX

FIGURE 15



13926B_HC_RD_20200816	
Chloroform	8.9
13926B_HC_RD_20200821	
Chloroform	8.4
13926B_HC_RD_20200902	
Chloroform	9.1
13926B_HC_RD_20200910	
Chloroform	7.6
13926B_HC_RD_20200916	
Chloroform	9.6
13926B_HC_RD_20200924	
Chloroform	9.8
13926B_HC_RD_20200930	
Chloroform	6.3
13926B_HC_RD_20201008	
Chloroform	9.3
13926B_HC_RD_20201015	
Chloroform	8.9
13926B_HC_RD_20201022	
Chloroform	8.7
13926B_HC_RD_20201029	
Chloroform	8.9
13926B_HC_RD_20201105	
Chloroform	9.2
13926B_HC_RD_20201119	
Chloroform	7

13926B_HC_RD_20201124	
Chloroform	8.7
13926B_HC_RD_20201201	
Lead	6.6
Chloroform	6.8
13926B_HC_RD_20201208	
Chloroform	9.2
13926B_HC_RD_20201215	
Chloroform	8.5
13926B_HC_RD_20201222	
Chloroform	6.4
13926B_HC_RD_20201229	
Chloroform	7.5
13926B_HC_RD_20210105	
Chloroform	11.5
13926B_HC_RD_2021112	
Chloroform	9.7
13926B_HC_RD_20210119	
Chloroform	8.8
13926B_HC_RD_20210126	
Chloroform	7.9
13926B_HC_RD_20210202	
Chloroform	9
13926B_HC_RD_2020209	
Chloroform	8.9

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

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

14401_HC_RD_20201201	
Lead	5.8

14226_HC_RD_20201001	
Lead	6.1

14015_AC_RD_20200825	
Chloroform	1.5
14015_AC_RD_20200902	
Chloroform	4.4

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

13923_AC_RD_20200924	
Lead	5.5

13835_AC_RD_20200916	
Bromodichloro-methane	1.7
Chloroform	7.4
13835_AC_RD_20200924	
Lead	16.1
13835_AC_RD_20210126	
Lead	15.4
13835_AC_RD_20210209	
Lead	15.1

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

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

Checked By:	AS
Created By:	BM
Scale:	1 " = 550 FT
Created On:	03/11/2021; 11:33
Project No.:	CPC20126

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

0 550 1,100 1,650 Feet

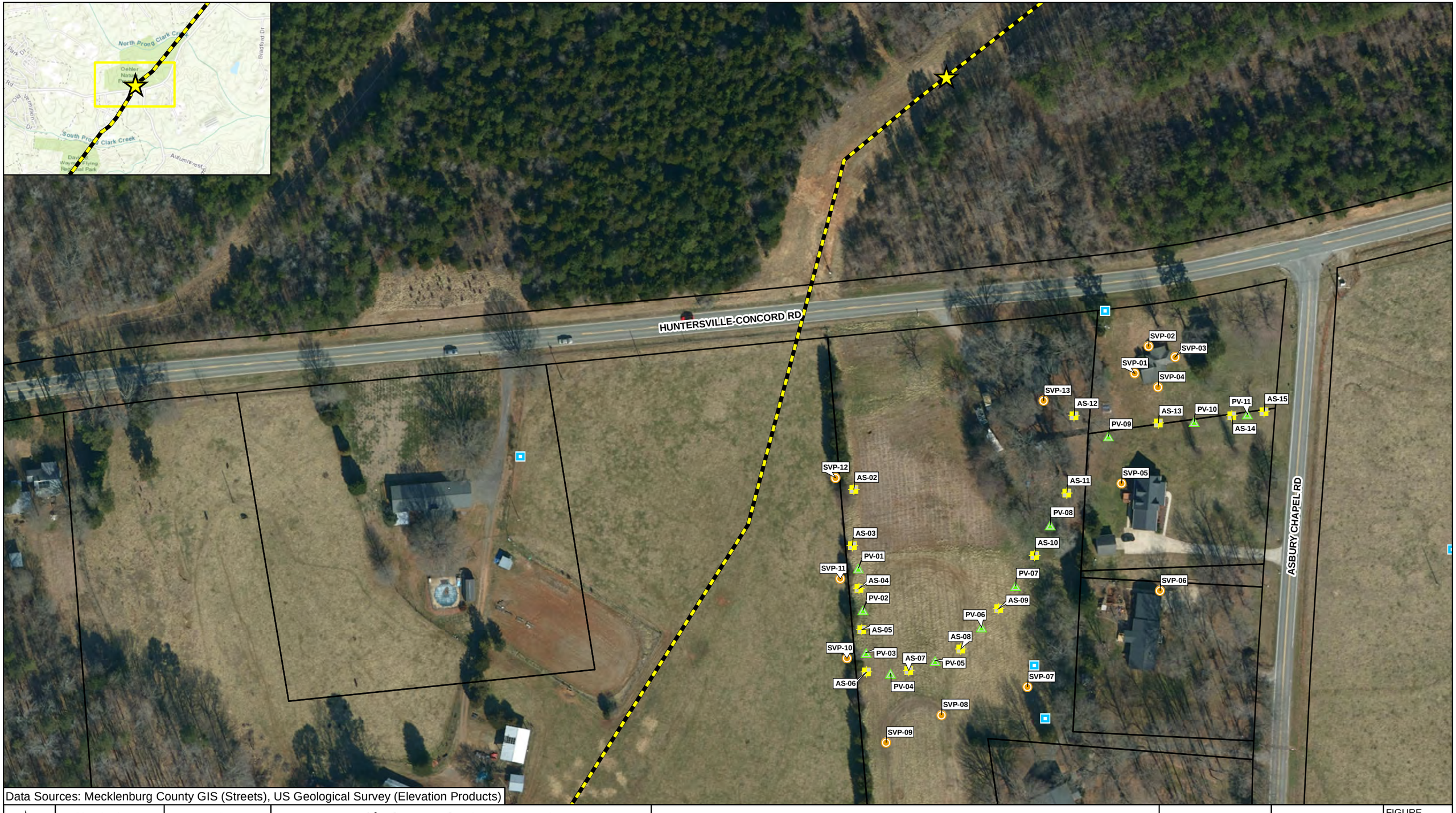
Sampled Water Supply Wells:

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

Notes:
Only wells within 1,500 feet of release site are shown;
Well locations are approximated and sampling commenced once access was allowed.

APEX

FIGURE 16



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

Checked By:	AS
Created By:	JC
Scale:	1 " = 101 FT
Date/Time:	03/11/2021; 11:40
Project No.:	CPC20126

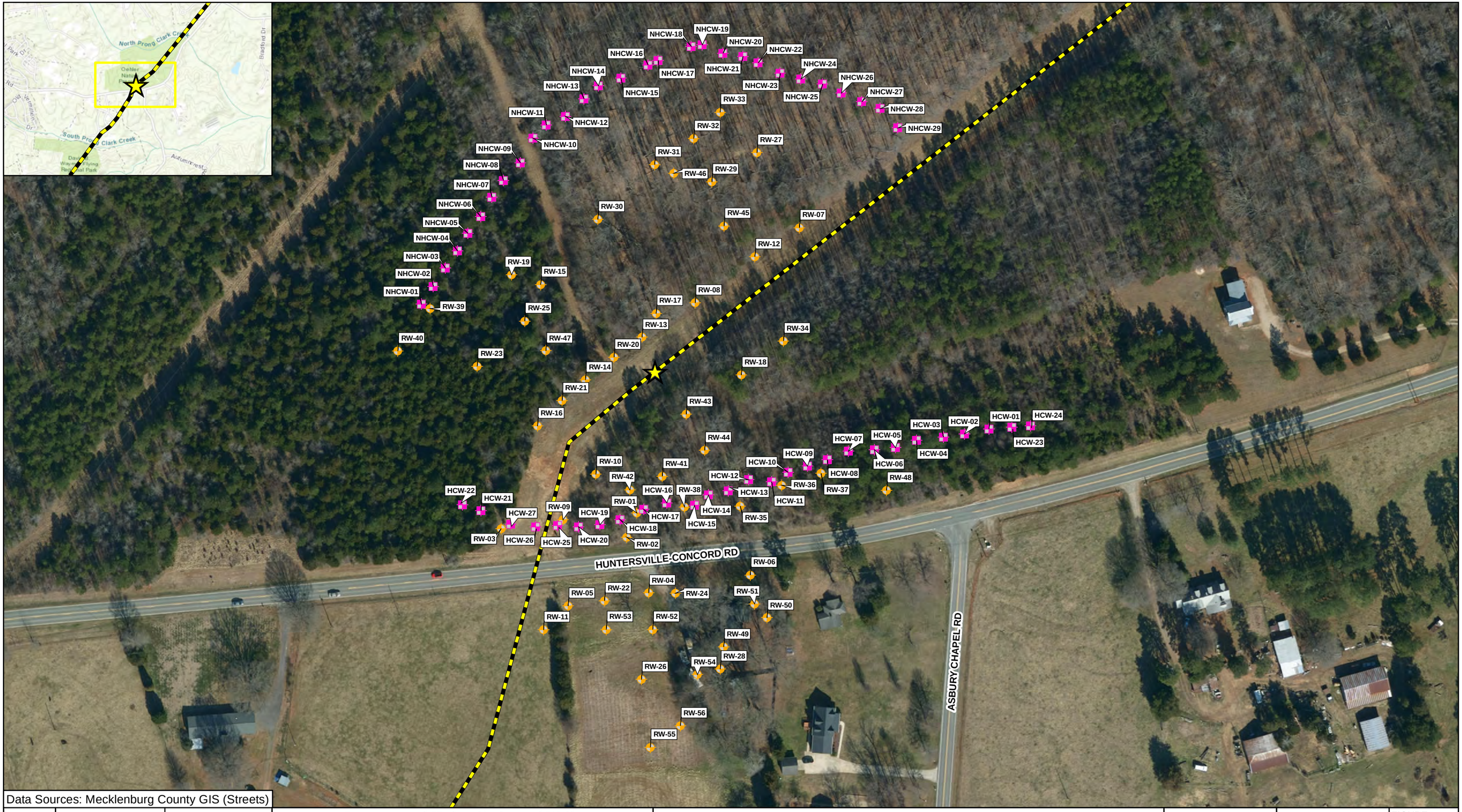
Air Sparge System Layout
Colonial Pipeline Company
2020-L1-SR2448
Huntersville, North Carolina

0 100 200 300 Feet

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

APEX

FIGURE 17



Data Sources: Mecklenburg County GIS (Streets)

Checked By:	AS
Created By:	BM
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Date/Time:	03/11/2021; 11:37
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

APEX

FIGURE 18

TABLES

Table 1
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**	**120**	**23**	**420**	**85**	**200**	**1,400**		**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**	**1,560,000**	**93,800**	**1,250,000**	**156,000**	**5,500**	**1,560,000**	**1,250,000**	**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**	**2,330,000**	**233,300,000**	**297,000**	**23,300,000**	**23,300,000**	**1,400,000**	**18,600,000**	**1,810,000**	**27,000**	**2,330,000**	**18,600,000**	**2,330,000**	**2,330,000**	**46,700,000**	**NE**	**NE**
92494208	MW-1 (17.5-20)	MW-01	09/04/2020	<7.36	<7.36	<7.36	<7.36	<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	09/02/2020	<7.69	<7.69	<7.69	<7.69	<4.9	<97.3	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<19.5	<48.7	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.7	<9.7	<4.9
92493643	MW-15 (5-7.5)	MW-15	09/02/2020	<8.27	<8.27	<8.27	<8.27	<5.3	<105	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<21	<52.5	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<10.5	<10.5	<5.3
92493992	B-04_MW-16_(25'-27.5')	MW-16	09/02/2020	<7.69	<7.69	<7.69	<7.69	<6	<121	<6	<6	<6	<6	<6	<6	<24.1	<60.3	<6	<6	<6	<6	<6	<6	<12.1	<12.1	<6
92493992	MW-17_(27.5-30)	MW-17	09/02/2020	<8.34	<8.34	<8.34	<8.34	<1.67	<167	<20.8	<20.8	<1.67	<4.17	<4.17	<8.34	<41.7	<41.7	<1.67	<20.8	<8.34	<8.34	<8.34	<8.34	11.3	8.21	<4.17
92493861	BH-03 (10-12.5)	MW-18	09/02/2020	<8.17	<8.17	<8.17	<8.17	<7	<140	<7	<7	<7	<7	<7	<7	<28.1	<70.2	<7	<7	<7	<7	<7	<7	<14	<14	<7
92493861	BH-03 (32.5-35)	MW-18	09/02/2020	<6.95	<6.95	<6.95	<6.95	<6.9	<139	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<27.7	<69.3	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<13.9	<13.9	<6.9
92493992	MW-19_(25-27.5)	MW-19	09/02/2020	<8.27	<8.27	<8.27	<8.27	<1.65	<165	<20.7	<20.7	<1.65	<4.14	<4.14	<8.27	<41.4	<41.4	<1.65	<20.7	<8.27	<8.27	<8.27	<8.27	<10.8	<6.62	<4.14
92493861	BH-04 (10-12.5)	MW-20	09/02/2020	<7.76	<7.76	<7.76	<7.76	<8.2	<164	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<32.9	<82.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<16.4	<16.4	<8.2
92493861	BH-04 (27.5-29)	MW-20	09/02/2020	<6.38	<6.38	<6.38	<6.38	<7.5	<149	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<29.9	<74.7	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<14.9	<14.9	<7.5
92494163	MW-21_(25-27.5)	MW-21	09/03/2020	<7.55	<7.55	<7.55	<7.55	<1.51	<151	<18.9	<18.9	<1.51	<3.77	<3.77	<7.55	<37.7	<37.7	<1.51	<18.9	<7.55	<7.55	<7.55	<7.55	<9.81	<6.04	<3.77
92494208	BH-05 (15-17.5)	MW-22	09/03/2020	<7.7	<7.7	<7.7	<7.7	<9.2	<184	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<36.8	<92	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<18.4	<18.4	<9.2
92494208	BH-05 (5.75-7.5)	MW-22	09/03/2020	<8.1	<8.1	<8.1	<8.1	<5.9	<118	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<23.5	<58.8	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<11.8	<11.8	<5.9
92494163	MW-23_(25-27.5)	MW-23	09/03/2020	<7.87	<7.87	<7.87	<7.87	<6	<120	<6	<6	<6	<6	<6	<6	<24.1	<60.2	<6	<6	<6	<6	<6	<6	<12	<12	<6
92494208	BH-06 (22.5-25)	MW-24	09/03/2020	<6.76	<6.76	<6.76	<6.76	<6	<120	<6	<6	<6	<6	<6	<6	<24	<60.1	<6	<6	<6	<6	<6	<6	<12	<12	<6
92494208	BH-06 (32.5-35)	MW-24	09/03/2020	<7.08	<7.08	<7.08	<7.08	<6.7	<133	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<26.7	<66.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<13.3	<13.3	<6.7
92494208	BH-07 (2.5-5)	MW-25	09/04/2020	<7.84	<7.84	<7.84	<7.84	<7	<139	<7	<7	<7	<7	<7	<7	<27.9	<69.7	<7	<7	<7	<7	<7	<7	<13.9	<13.9	<7
92494208	BH-07 (30-32.5)	MW-25	09/04/2020	<8.02	<8.02	<8.02	<8.02	<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
92494208	BH-08 (20-22.5)	MW-26	09/04/2020	<7.03	<7.03	<7.03	<7.03	<6	<120	<6	<6	<6	<6	<6	<6	<23.9	<59.8	<6	<6	<6	<6	<6	<6	<12	<12	<6
92494208	BH-08 (22.5-25)	MW-26	09/04/2020	<6.57	<6.57	<6.57	<6.57	<6	<121	<6	<6	<6	<6	<6	<6	<24.2	<60.5	<6	<6	<6	<6	<6	<6	<12.1	<12.1	<6
92494609	BH-11 (2.5-5)	MW-27	09/05/2020	<8.86	<8.86	<8.86	<8.86	<7.7	<153	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<30.7	<76.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<15.3	<15.3	<7.7
92494609	BH-11 (22.5-25)	MW-27	09/05/2020	<6.84	<6.84	<6.84	<6.84	<6.3	<125	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<25.1	<62.6	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<12.5	<12.5	<6.3
92494924	BH-12 (17.5-20)	MW-28	09/05/2020	<7.38	<7.38	<7.38	<7.38	<6.3	<125	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<25	<62.6	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<12.5	<12.5	<6.3
92494924	BH-12 (22.5-25)	MW-28	09/05/2020	<7.87	<7.87	<7.87	<7.87	<6.4	<129	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<25.8	<64.5	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<12.9	<12.9	<6.4
92494334	MW29-27.5-30'	MW-29	09/06/2020	<9.53	<9.53	<9.53	<9.53	<8.6	<173	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<34.6	<86.4	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<17.3	<17.3	<8.6
92494334	ER9 66-22.5-25'	MW-30	09/06/2020	<7.59	<7.59	<7.59	<7.59	<4.9	<97.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<19.6	<48.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<9.8	<4.9
92494334	MW31-25-27.5'	MW-31	09/07/2020	<8.26	<8.26	<8.26	11.6	<5.0	<101	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20.1	<50.3	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.1	<10.1	<5.0
92494609	BH-15 (12.5-15)	MW-32	09/07/2020	<8.49	<8.49	<8.49	<8.49	<6.2	<124	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<24.9	<62.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<12.4	<12.4	<6.2
92494609	BH-15 (7.5-10)	MW-32	09/07/2020	<7.77	<7.77	<7.77	<7.77	<5.9	<118	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<23.5	<58.8	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<11.8	<11.8	<5.9
92494609	BH-14 (10-12.5)	MW-33	09/05/2020	<7.09	<7.09	<7.09	<7.09	<5.9	<118	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<23.6	<59.1	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<11.8	<11.8	<5.9
92494609	BH-14 (2.5-5)	MW-33	09/05/2020	<8.92	<8.92	<8.92	<8.92	<8	<159	<8	<8	<8	<8	<8	<8	<31.9	<79.7	<8	<8	<8	<8	<8	<8	<15.9	<15.9	<8
92494609	BH-13 (1-2.5)	MW-34	09/05/2020	<8.28	<8.28	<8.28	<8.28	<8.6	<173	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<34.6	<86.4	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<17.3	<17.3	<8.6
92494609	BH-13 (5-7.5)	MW-34	09/05/2020	<7.57	<7.57	<7.57	<7.57	<6.4	<127	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<25.5	<63.7	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<12.7	<12.7	<6.4

Table 1
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**	**120**	**23**	**420**	**85**	**200**	**1,400**		**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**	**1,560,000**	**93,800**	**1,250,000**	**156,000**	**5,500**	**1,560,000**	**1,250,000**	**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**	**2,330,000**	**233,300,000**	**297,000**	**23,300,000**	**23,300,000**	**1,400,000**	**18,600,000**	**1,810,000**	**27,000**	**2,330,000**	**18,600,000**	**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	<25.1	<62.8	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<12.6	<12.6	<6.3
92498039	MW-54 (15'-17.5')	MW-54	09/28/2020	<8.26	<8.26	<8.26	<8.26	<5.2	<104	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<20.8	<51.9	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10.4	<10.4	<5.2
92498039	MW-55 (58')	MW-55	09/29/2020	<6.26	<6.26	<6.26	<6.26	<5.0	<99.8	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20.0	<49.9	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<10	<5.0
92498395	MW-56 @ 15'	MW-56	09/30/2020	<6.86	<6.86	<6.86	<6.86	<5.4	<107	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<21.4	<53.6	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<10.7	<10.7	<5.4
92498395	MW-57 @ 12'	MW-57	09/30/2020	<8.05	<8.05	<8.05	<8.05	<5.7	<114	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<22.7	<56.9	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11.4	<11.4	<5.7
92498540	MW-58 @30'	MW-58	10/02/2020	NA	NA	NA	NA	<6.2	<123	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<24.7	<61.7	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<12.3	<12.3	<6.2
92498670	MW-59@30	MW-59	10/02/2020	<5.70	<6.48	**1.95J**	<6.48	<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
92498670	MW-60@25-27.5	MW-60	10/03/2020	NA	NA	NA	NA	<6.3	**59.6J**	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	**67.0**	<63.0	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<12.6	<12.6	<6.3
92512978	MW-64 (36'-38')	MW-64	12/17/2020	<6.60	**6.74**	**11.1**	**17.8**	<6.3	<126	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<25.1	<62.8	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<12.6	<12.6	<6.3
92513387	MW-65 (25')	MW-65	12/22/2020	<7.30	<7.30	<7.30	<7.30	<7.6	<152	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<30.3	<75.9	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<15.2	<15.2	<7.6
92513891	MW-66 40'-42'	MW-66	12/22/2020	<5.83	<5.83	<5.83	<5.83	<1.18	<118	<14.8	<14.8	<1.18	<2.96	<2.96	<5.91	<29.6	<29.6	<1.18	<14.8	<5.91	<5.91	<5.91	<5.91	<7.68	NA	NA
92513891	MW-66 40'-42'	MW-66	12/22/2020	<7.96	<7.96	<7.96	<7.96	<1.15	<115	<14.4	<14.4	<1.15	<2.88	<2.88	<5.77	<28.8	<28.8	<1.15	<14.4	<5.77	<5.77	<5.77	<5.77	<7.5	NA	NA
92513380	PMW 67 36-37	MW-67	12/21/2020	<6.21	<6.21	<6.21	<6.21	<1.24	<124	<15.5	<15.5	<1.24	<3.1	<3.1	<6.21	<31	<31	<1.24	<15.5	<6.21	<6.21	<6.21	<6.21	<8.07	NA	NA
92513380	PMW-67 36-37	MW-67	12/21/2020	<6.28	<6.28	<6.28	<6.28	<1.26	<126	<15.7	<15.7	<1.26	<3.14	<3.14	<6.28	<31.4	<31.4	<1.26	<15.7	<6.28	<6.28	<6.28	<6.28	<8.16	NA	NA
92513891	MW-68 30'-32'	MW-68	12/23/2020	<7.93	<7.93	<7.93	<7.93	<12.4	<247	<12.4	<12.4	<12.4	<12.4	<12.4	<12.4	<49.4	<124	<12.4	<12.4	<12.4	<12.4	<12.4	<12.4	<24.7	<24.7	<12.4
92512978	MW-69 (44'-46')	MW-69	12/15/2020	<6.61	**13.7**	**15**	**32**	<6.7	<133	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<26.6	<66.6	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<13.3	<13.3	<6.7
92514963	MW-71 (50-52)	MW-71	01/05/2021	<5.81	**22.2**	<5.81	**30.2**	<7.1	<142	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<28.3	<70.8	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<14.2	<14.2	<7.1
92521220	MW-74 (15'-17')	MW-74	02/06/2021	<7.79	<7.79	<7.79	<7.79	<1.56	<156	<19.5	<19.5	<1.56	<3.89	<3.89	<7.79	<38.9	<38.9	<1.56	<19.5	<7.79	<7.79	<7.79	<7.79	<10.1	NA	NA
92521220	MW-75 (30'-32')	MW-75	02/06/2021	<8.27	<8.27	<8.27	<8.27	<1.65	<165	<20.7	<20.7	<1.65	<4.13	<4.13	<8.27	<41.3	<41.3	<1.65	<20.7	<8.27	<8.27	<8.27	<8.27	<10.8	NA	NA
92521595	MW-76 (25'-27')	MW-76	02/10/2021	<6.42	<6.42	<6.42	<6.42	<1.23	<123	<15.4	<15.4	<1.23	<3.07	<3.07	<6.15	<30.7	<30.7	<1.23	<15.4	<6.15	<6.15	<6.15	<6.15	<7.99	<4.92	<3.07
92492881	RW-4 (15-17.5) Duplicate	RW-4	08/27/2020	NA	NA	NA	NA	<4.7	<95	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<19	<47.5	<4.7	<4.7	<4.7	**5.1**	<4.7	<4.7	<9.5	<9.5	<4.7
92492881	RW-4 (15-17.5)	RW-04	08/27/2020	<7.53	<7.53	<7.53	<7.53	<4.7	<95	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<19	<47.5	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<9.5	<9.5	<4.7
92492881	RW-4 (20.22.5)	RW-04	08/27/2020	<7.37	<7.37	<7.37	<7.37	<4.4	<88.1	<4.4	<4.4	<4.4	**4.6**	<4.4	<4.4	<17.6	<44	<4.4	**7.5**	<4.4	**24.3**	**11.3**	<4.4	**24.9**	**14.6**	**10.2**
92493095	RW-5 (30-32.5)	RW-05	08/28/2020	**11.3**	**12.7**	<6.95	NA	**1,470**	<638	**704**	<31.9	<31.9	**5,920**	**641**	**631**	<128	<319	<31.9	**2,010**	<31.9	**18,800**	**14,800**	**4,260**	**32,400**	**23,100**	**9,320**
92493096	RW-6 (37.5-40)	RW-06	08/28/2020	**392**	**641**	**259**	NA	**1,130**	<1570	**2,990**	<78.5	<78.5	**14,200**	**1,890**	<78.5	<314	<785	<78.5	**10,100**	<78.5	**29,800**	**53,100**	**14,900**	**83,600**	**58,000**	**25,700**
92493643	BH-02 (27.5-30)	RW-07	09/02/2020	**904**	**770**	**438**	**2,110**	**457**	<310	<15.5	<15.5	**40.4**	**3,490**	<15.5	**488**	**89.6**	<155	<15.5	**1,980**	<15.5	**7,530**	**10,900**	**2,950**	**21,500**	**14,700**	**6,760**
92493643	BH-02 (32.5-35)	RW-07	09/02/2020	**6,960**	**3,750**	**1,650**	**12,400**	**24,400**	<11,800	<592	<592	**1,280**	**147,000**	<592	<592	<2370	<5920	<592	**35,900**	<592	**399,000**	**326,000**	**89,800**	**856,000**	**600,000**	**256,000**
92493136	RW-09_(22.5-25)	RW-09	08/30/2020	<7.38	<7.38	<7.38	NA	**66.5**	<108	<5.4	<5.4	<5.4	**78.4**	<5.4	**12.9**	<21.7	<54.2	<5.4	**20.5**	<5.4	**269**	**219**	**67.6**	**436**	**313**	**123**
92493992	RW-11_(25-27.5)	RW-11	09/02/2020	<6.72	<6.72	<6.72	<6.72	**34**	<134	**23.5**	<16.8	**3.87**	**34.4**	**5.87**	<6.72	<33.6	<33.6	<1.34	<16.8	<6.72	**224**	**27.7**	<6.72	<8.74	**131**	**46.1**
92493992	RW-11_(27.5-30)	RW-11	09/02/2020	**201**	**76.2**	**41.1**	**319**	**912**	<121	**1,070**	**380**	<1.21	**4,260**	**839**	**248**	<30.1	<30.1	**8.16**	**1,770**	**1,640**	**11,500**	**10,800**	**2,700**	**22,400**	**16,000**	**6,340**
92494609	BH-10 (10-12.5)	RW-18	09/04/2020	<8.49	<8.49	<8.49	<8.49	<7.6	<152	<7.6	<7.6	<7.6	**12.4**	<7.6	<7.6	<30.5	<76.2	<7.6	<7.6	<7.6	**58.5**	**18.8**	<7.6	**59.2**	**40.1**	**19.1**
92494609	BH-10 (22.5-25)	RW-18	09/04/2020	**344**	**711**	**311**	**1,060**	**913**	<2860	<143	<143	<143	**18,200**	<143	<143	<573	<1430	<143	**10,300**	<143	**28,400**	**78,000**	**22,300**	**112,000**	**76,200**	**35,500**
92497664	RW-36 (22.5-25)	RW-36	09/27/2020	<6.78	<6.78	**2.39**	**2.39**	<7.3	<146	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<29.1	<72.8	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<14.6	<14.6	<7.3

Table 1
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**	**120**	**23**	**420**	**85**	**200**	**1,400**		**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**	**1,560,000**	**93,800**	**1,250,000**	**156,000**	**5,500**	**1,560,000**	**1,250,000**	**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**	**2,330,000**	**233,300,000**	**297,000**	**23,300,000**	**23,300,000**	**1,400,000**	**18,600,000**	**1,810,000**	**27,000**	**2,330,000**	**18,600,000**	**2,330,000**	**2,330,000**	**46,700,000**	**NE**	**NE**
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
QC 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
VOCs - 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 NCAC 2L Standard
Methylene Chloride is likely a laboratory artifact.
µg/kg - Microgram per kilogram
mg/kg - Milligrams per kilogram

Table 2
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)
Shallow Monitoring Wells						
MW-01	709.60*	9/1/2020	ND	25.05	N/A	684.55
MW-01	709.60*	9/3/2020	ND	25.82	N/A	683.78
MW-01	709.60*	9/5/2020	ND	25.94	N/A	683.66
MW-01	711.86	9/14/2020	ND	28.20	N/A	683.66
MW-01	711.86	9/18/2020	ND	28.20	N/A	683.66
MW-01	711.86	9/28/2020	ND	28.10	N/A	683.76
MW-01	711.86	10/3/2020	ND	28.09	N/A	683.77
MW-01	711.86	10/19/2020	ND	27.88	N/A	683.98
MW-01	711.86	10/26/2020	ND	27.74	N/A	684.12
MW-01	711.86	11/9/2020	ND	28.74	N/A	683.12
MW-01	711.86	11/18/2020	ND	27.49	N/A	684.37
MW-01	711.86	11/23/2020	ND	27.44	N/A	684.42
MW-01	711.86	12/7/2020	ND	27.12	N/A	684.74
MW-01	711.86	12/21/2020	ND	26.95	N/A	684.91
MW-01	711.86	12/26/2020	ND	26.94	N/A	684.92
MW-01	711.86	1/10/2021	ND	26.64	N/A	685.22
MW-01	711.86	1/19/2021	ND	26.55	N/A	685.31
MW-01	711.86	1/25/2021	ND	26.34	N/A	685.52
MW-01	711.86	2/1/2021	ND	26.23	N/A	685.63
MW-01	711.86	2/8/2021	ND	26.31	N/A	685.55
MW-01	711.86	2/16/2021	ND	25.99	N/A	685.87

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-02	710.96*	9/1/2020	ND	26.65	N/A	684.31
MW-02	710.96*	9/3/2020	ND	27.59	N/A	683.37
MW-02	710.96*	9/5/2020	ND	28.00	N/A	682.96
MW-02	712.53	9/14/2020	ND	29.57	N/A	682.96
MW-02	712.53	9/18/2020	ND	29.56	N/A	682.97
MW-02	712.53	9/28/2020	ND	29.51	N/A	683.02
MW-02	712.53	10/3/2020	ND	30.60	N/A	681.93
MW-02	712.53	10/19/2020	ND	29.41	N/A	683.12
MW-02	712.53	10/26/2020	ND	29.30	N/A	683.23
MW-02	712.53	11/9/2020	ND	29.07	N/A	683.46
MW-02	712.53	11/18/2020	ND	29.05	N/A	683.48
MW-02	712.53	11/23/2020	ND	28.98	N/A	683.55
MW-02	712.53	12/7/2020	ND	28.59	N/A	683.94
MW-02	712.53	12/21/2020	ND	28.44	N/A	684.09
MW-02	712.53	12/26/2020	ND	28.74	N/A	683.79
MW-02	712.53	1/10/2021	ND	28.54	N/A	683.99
MW-02	712.53	1/19/2021	ND	28.39	N/A	684.14
MW-02	712.53	1/25/2021	ND	28.09	N/A	684.44
MW-02	712.53	2/1/2021	ND	27.74	N/A	684.79
MW-02	712.53	2/8/2021	ND	28.28	N/A	684.25
MW-02	712.53	2/16/2021	ND	27.65	N/A	684.88

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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-03	703.64	9/1/2020	ND	19.93	N/A	683.71
MW-03	703.64	9/3/2020	ND	22.74	N/A	680.90
MW-03	703.64	9/5/2020	ND	22.84	N/A	680.80
MW-03	703.64	9/14/2020	ND	22.78	N/A	680.86
MW-03	703.64	9/18/2020	ND	22.80	N/A	680.84
MW-03	703.64	9/28/2020	ND	22.54	N/A	681.10
MW-03	703.64	10/3/2020	ND	22.57	N/A	681.07
MW-03	703.64	10/19/2020	ND	21.88	N/A	681.76
MW-03	703.64	10/26/2020	ND	21.70	N/A	681.94
MW-03	703.64	11/9/2020	ND	21.44	N/A	682.20
MW-03	703.64	11/18/2020	ND	20.87	N/A	682.77
MW-03	703.64	11/23/2020	ND	20.76	N/A	682.88
MW-03	703.64	12/7/2020	ND	20.39	N/A	683.25
MW-03	703.64	12/21/2020	ND	19.90	N/A	683.74
MW-03	703.64	12/26/2020	ND	19.71	N/A	683.93
MW-03	703.64	1/10/2021	ND	19.54	N/A	684.10
MW-03	703.64	1/19/2021	ND	19.47	N/A	684.17
MW-03	703.64	1/25/2021	ND	19.43	N/A	684.21
MW-03	703.64	2/1/2021	ND	18.56	N/A	685.08
MW-03	703.64	2/8/2021	ND	18.69	N/A	684.95
MW-03	703.64	2/16/2021	ND	17.45	N/A	686.19

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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	N/A	683.75
MW-04	712.05*	9/3/2020	ND	28.19	N/A	683.86
MW-04	712.05*	9/5/2020	ND	28.32	N/A	683.73
MW-04	715.04	9/14/2020	ND	31.32	N/A	683.72
MW-04	715.04	9/18/2020	ND	31.31	N/A	683.73
MW-04	715.04	9/28/2020	ND	31.23	N/A	683.81
MW-04	715.04	10/3/2020	ND	31.26	N/A	683.78
MW-04	715.04	10/19/2020	ND	30.93	N/A	684.11
MW-04	715.04	10/26/2020	ND	30.78	N/A	684.26
MW-04	715.04	11/9/2020	ND	30.50	N/A	684.54
MW-04	715.04	11/18/2020	ND	30.44	N/A	684.60
MW-04	715.04	11/23/2020	ND	30.32	N/A	684.72
MW-04	715.04	12/7/2020	ND	29.97	N/A	685.07
MW-04	715.04	12/21/2020	ND	29.78	N/A	685.26
MW-04	715.04	12/26/2020	ND	30.04	N/A	685.00
MW-04	715.04	1/10/2021	ND	29.86	N/A	685.18
MW-04	715.04	1/19/2021	ND	29.76	N/A	685.28
MW-04	715.04	1/25/2021	ND	23.46	N/A	691.58
MW-04	715.04	2/1/2021	ND	29.16	N/A	685.88
MW-04	715.04	2/8/2021	ND	29.61	N/A	685.43
MW-04	715.04	2/16/2021	ND	29.05	N/A	685.99

Table 2
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	N/A	681.42
MW-05	705.61*	9/3/2020	ND	25.22	N/A	680.39
MW-05	705.61*	9/5/2020	ND	26.38	N/A	679.23
MW-05	705.61*	9/6/2020	ND	27.38	N/A	678.23
MW-05	707.30	9/14/2020	ND	27.04	N/A	680.26
MW-05	707.30	9/18/2020	ND	27.03	N/A	680.27
MW-05	707.30	9/28/2020	ND	26.87	N/A	680.43
MW-05	707.30	10/3/2020	ND	26.88	N/A	680.42
MW-05	707.30	10/19/2020	ND	26.49	N/A	680.81
MW-05	707.30	10/26/2020	ND	26.34	N/A	680.96
MW-05	707.30	10/28/2020	ND	28.34	N/A	678.96
MW-05	707.30	11/9/2020	ND	26.06	N/A	681.24
MW-05	707.30	11/18/2020	ND	25.93	N/A	681.37
MW-05	707.30	11/23/2020	ND	25.80	N/A	681.50
MW-05	707.30	12/7/2020	ND	25.39	N/A	681.91
MW-05	707.30	12/21/2020	ND	25.14	N/A	682.16
MW-05	707.30	12/26/2020	ND	25.17	N/A	682.13
MW-05	707.30	1/10/2021	ND	24.89	N/A	682.41
MW-05	707.30	1/19/2021	ND	24.72	N/A	682.58
MW-05	707.30	1/25/2021	ND	24.43	N/A	682.87
MW-05	707.30	2/1/2021	ND	24.25	N/A	683.05
MW-05	707.30	2/8/2021	ND	24.49	N/A	682.81
MW-05	707.30	2/16/2021	ND	23.96	N/A	683.34

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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-06	703.81*	9/1/2020	ND	20.70	N/A	683.11
MW-06	703.81*	9/3/2020	ND	20.92	N/A	682.89
MW-06	706.34	9/14/2020	ND	23.56	N/A	682.78
MW-06	706.34	9/18/2020	ND	23.65	N/A	682.69
MW-06	706.34	9/28/2020	ND	23.47	N/A	682.87
MW-06	706.34	10/3/2020	ND	23.51	N/A	682.83
MW-06	706.34	10/19/2020	ND	23.23	N/A	683.11
MW-06	706.34	10/26/2020	ND	23.12	N/A	683.22
MW-06	706.34	11/9/2020	ND	22.91	N/A	683.43
MW-06	706.34	11/18/2020	ND	Dry	N/A	Dry
MW-06	706.34	11/23/2020	ND	22.79	N/A	683.55
MW-06	706.34	12/7/2020	ND	22.36	N/A	683.98
MW-06	706.34	12/21/2020	ND	22.18	N/A	684.16
MW-06	706.34	12/26/2020	ND	22.34	N/A	684.00
MW-06	706.34	1/10/2021	ND	22.15	N/A	684.19
MW-06	706.34	1/19/2021	ND	21.98	N/A	684.36
MW-06	706.34	1/25/2021	ND	21.68	N/A	684.66
MW-06	706.34	2/1/2021	ND	21.36	N/A	684.98
MW-06	706.34	2/8/2021	ND	21.83	N/A	684.51
MW-06	706.34	2/16/2021	ND	21.24	N/A	685.10

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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)
MW-07	709.46*	9/1/2020	ND	26.67	N/A	682.79
MW-07	709.46*	9/3/2020	ND	26.53	N/A	682.93
MW-07	709.46*	9/5/2020	ND	25.60	N/A	683.86
MW-07	712.36	9/14/2020	ND	29.36	N/A	683.00
MW-07	712.36	9/18/2020	ND	29.31	N/A	683.05
MW-07	712.36	9/28/2020	ND	29.24	N/A	683.12
MW-07	712.36	10/3/2020	ND	29.32	N/A	683.04
MW-07	712.36	10/5/2020	ND	31.32	N/A	681.04
MW-07	712.36	10/19/2020	ND	29.28	N/A	683.08
MW-07	712.36	10/26/2020	ND	29.26	N/A	683.10
MW-07	712.36	11/9/2020	ND	29.19	N/A	683.17
MW-07	712.36	11/18/2020	ND	29.20	N/A	683.16
MW-07	712.36	11/23/2020	ND	29.16	N/A	683.20
MW-07	712.36	12/7/2020	ND	29.98	N/A	682.38
MW-07	712.36	12/21/2020	ND	29.04	N/A	683.32
MW-07	712.36	12/26/2020	ND	29.02	N/A	683.34
MW-07	712.36	1/10/2021	ND	29.07	N/A	683.29
MW-07	712.36	1/19/2021	ND	29.62	N/A	682.74
MW-07	712.36	1/25/2021	ND	29.91	N/A	682.45
MW-07	712.36	2/1/2021	ND	30.05	N/A	682.31
MW-07	712.36	2/8/2021	ND	30.19	N/A	682.17
MW-07	712.36	2/16/2021	ND	29.86	N/A	682.50

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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-08	724.93	9/1/2020	ND	31.50	N/A	693.43
MW-08	724.93	9/3/2020	ND	31.64	N/A	693.29
MW-08	724.93	9/14/2020	ND	31.77	N/A	693.16
MW-08	724.93	9/18/2020	ND	21.78	N/A	703.15
MW-08	724.93	9/28/2020	ND	31.83	N/A	693.10
MW-08	724.93	10/3/2020	ND	31.95	N/A	692.98
MW-08	724.93	10/19/2020	ND	31.87	N/A	693.06
MW-08	724.93	10/26/2020	ND	31.79	N/A	693.14
MW-08	724.93	11/9/2020	ND	31.73	N/A	693.20
MW-08	724.93	11/18/2020	ND	31.69	N/A	693.24
MW-08	724.93	11/23/2020	ND	31.49	N/A	693.44
MW-08	724.93	12/7/2020	ND	37.31	N/A	687.62
MW-08	724.93	12/21/2020	ND	31.25	N/A	693.68
MW-08	724.93	12/26/2020	ND	31.28	N/A	693.65
MW-08	724.93	1/10/2021	ND	31.06	N/A	693.87
MW-08	724.93	1/19/2021	ND	30.97	N/A	693.96
MW-08	724.93	1/25/2021	ND	30.75	N/A	694.18
MW-08	724.93	2/1/2021	ND	30.76	N/A	694.17
MW-08	724.93	2/8/2021	ND	30.83	N/A	694.10
MW-08	724.93	2/16/2021	ND	30.64	N/A	694.29

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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)
MW-09	709.46*	9/1/2020	ND	26.02	N/A	683.44
MW-09	709.46*	9/3/2020	ND	26.64	N/A	682.82
MW-09	717.15	9/14/2020	ND	28.82	N/A	688.33
MW-09	717.15	9/18/2020	ND	28.84	N/A	688.31
MW-09	717.15	9/28/2020	ND	28.84	N/A	688.31
MW-09	717.15	10/3/2020	ND	28.93	N/A	688.22
MW-09	717.15	10/19/2020	ND	28.96	N/A	688.19
MW-09	717.15	10/26/2020	ND	28.93	N/A	688.22
MW-09	717.15	11/9/2020	ND	28.84	N/A	688.31
MW-09	717.15	11/18/2020	ND	28.87	N/A	688.28
MW-09	717.15	11/23/2020	ND	29.82	N/A	687.33
MW-09	717.15	12/7/2020	ND	28.62	N/A	688.53
MW-09	717.15	12/21/2020	ND	28.62	N/A	688.53
MW-09	717.15	12/26/2020	ND	28.62	N/A	688.53
MW-09	717.15	1/10/2021	ND	28.54	N/A	688.61
MW-09	717.15	1/19/2021	ND	28.55	N/A	688.60
MW-09	717.15	1/25/2021	ND	28.46	N/A	688.69
MW-09	717.15	2/1/2021	ND	28.44	N/A	688.71
MW-09	717.15	2/8/2021	ND	28.64	N/A	688.51
MW-09	717.15	2/16/2021	ND	28.40	N/A	688.75

Table 2
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-10	721.52*	9/1/2020	ND	Dry	N/A	Dry
MW-10	721.52*	9/3/2020	ND	Dry	N/A	Dry
MW-10	721.52*	9/5/2020	ND	Dry	N/A	Dry
MW-10	722.91	9/14/2020	ND	Dry	N/A	Dry
MW-10	722.91	9/18/2020	ND	Dry	N/A	Dry
MW-10	722.91	9/28/2020	ND	Dry	N/A	Dry
MW-10	722.91	10/3/2020	ND	Dry	N/A	Dry
MW-10	722.91	10/4/2020	ND	Dry	N/A	Dry
MW-10	722.91	10/5/2020	ND	Dry	N/A	Dry
MW-10	722.91	10/26/2020	ND	Dry	N/A	Dry
MW-10	722.91	11/9/2020	ND	Dry	N/A	Dry
MW-10	722.91	11/18/2020	ND	Dry	N/A	Dry
MW-10	722.91	11/23/2020	ND	Dry	N/A	Dry
MW-10	722.91	12/7/2020	ND	Dry	N/A	Dry
MW-10	722.91	12/21/2020	ND	Dry	N/A	Dry
MW-10	722.91	12/26/2020	ND	Dry	N/A	Dry
MW-10	722.91	1/10/2021	ND	Dry	N/A	Dry
MW-10	722.91	1/19/2021	ND	Dry	N/A	Dry
MW-10	722.91	1/25/2021	ND	Dry	N/A	Dry
MW-10	722.91	2/1/2021	ND	Dry	N/A	Dry
MW-10	722.91	2/8/2021	ND	Dry	N/A	Dry
MW-10	722.91	2/16/2021	ND	Dry	N/A	Dry

Table 2
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-11	739.65	9/1/2020	ND	40.90	N/A	698.75
MW-11	739.65	9/3/2020	ND	43.20	N/A	696.45
MW-11	739.65	9/14/2020	ND	45.24	N/A	694.41
MW-11	739.65	9/18/2020	ND	42.00	N/A	697.65
MW-11	739.65	9/28/2020	ND	42.03	N/A	697.62
MW-11	739.65	10/3/2020	ND	42.14	N/A	697.51
MW-11	739.65	10/19/2020	ND	42.24	N/A	697.41
MW-11	739.65	10/26/2020	ND	42.30	N/A	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-12	718.27	9/1/2020	ND	30.95	N/A	687.32
MW-12	718.27	9/3/2020	ND	32.18	N/A	686.09
MW-12	718.27	9/5/2020	ND	32.27	N/A	686.00
MW-12	718.27	9/14/2020	ND	33.77	N/A	684.50
MW-12	718.27	9/18/2020	ND	33.78	N/A	684.49
MW-12	718.27	9/28/2020	ND	33.71	N/A	684.56
MW-12	718.27	10/3/2020	ND	33.78	N/A	684.49
MW-12	718.27	10/19/2020	ND	33.63	N/A	684.64
MW-12	718.27	10/26/2020	ND	33.58	N/A	684.69
MW-12	718.27	11/9/2020	ND	33.36	N/A	684.91
MW-12	718.27	11/18/2020	ND	33.36	N/A	684.91
MW-12	718.27	11/23/2020	ND	33.30	N/A	684.97
MW-12	718.27	12/7/2020	ND	32.98	N/A	685.29
MW-12	718.27	12/21/2020	ND	37.82	N/A	680.45
MW-12	718.27	12/26/2020	ND	33.11	N/A	685.16
MW-12	718.27	1/10/2021	ND	32.83	N/A	685.44
MW-12	718.27	1/19/2021	ND	32.82	N/A	685.45
MW-12	718.27	1/25/2021	ND	32.54	N/A	685.73
MW-12	718.27	2/1/2021	ND	32.30	N/A	685.97
MW-12	718.27	2/8/2021	ND	32.73	N/A	685.54
MW-12	718.27	2/16/2021	ND	32.21	N/A	686.06

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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-13	736.29	9/14/2020	ND	41.77	N/A	694.52
MW-13	736.29	9/18/2020	ND	38.42	N/A	697.87
MW-13	736.29	9/28/2020	ND	38.40	N/A	697.89
MW-13	736.29	10/3/2020	ND	38.51	N/A	697.78
MW-13	736.29	10/19/2020	ND	38.55	N/A	697.74
MW-13	736.29	10/26/2020	ND	38.62	N/A	697.67
MW-13	736.29	11/9/2020	ND	38.72	N/A	697.57
MW-13	736.29	11/18/2020	ND	38.86	N/A	697.43
MW-13	736.29	11/23/2020	ND	38.75	N/A	697.54
MW-13	736.29	12/7/2020	ND	38.72	N/A	697.57
MW-13	736.29	12/21/2020	ND	38.81	N/A	697.48
MW-13	736.29	12/26/2020	ND	38.92	N/A	697.37
MW-13	736.29	1/10/2021	ND	39.07	N/A	697.22
MW-13	736.29	1/19/2021	ND	39.11	N/A	697.18
MW-13	736.29	1/25/2021	ND	39.28	N/A	697.01
MW-13	736.29	2/1/2021	ND	39.30	N/A	696.99
MW-13	736.29	2/8/2021	ND	39.70	N/A	696.59
MW-13	736.29	2/16/2021	ND	39.58	N/A	696.71
MW-14	724.88	9/14/2020	ND	31.21	N/A	693.67
MW-14	724.88	9/18/2020	ND	31.24	N/A	693.64
MW-14	724.88	9/28/2020	ND	31.29	N/A	693.59
MW-14	724.88	10/3/2020	ND	31.28	N/A	693.60
MW-14	724.88	10/5/2020	ND	33.28	N/A	691.60
MW-14	724.88	10/19/2020	ND	31.25	N/A	693.63
MW-14	724.88	10/26/2020	ND	31.27	N/A	693.61
MW-14	724.88	11/9/2020	ND	31.18	N/A	693.70
MW-14	724.88	11/18/2020	ND	31.13	N/A	693.75
MW-14	724.88	11/23/2020	ND	31.01	N/A	693.87
MW-14	724.88	12/7/2020	ND	30.85	N/A	694.03
MW-14	724.88	12/21/2020	ND	30.82	N/A	694.06
MW-14	724.88	12/26/2020	ND	30.89	N/A	693.99
MW-14	724.88	1/10/2021	ND	30.73	N/A	694.15
MW-14	724.88	1/19/2021	ND	30.68	N/A	694.20
MW-14	724.88	1/25/2021	ND	30.49	N/A	694.39
MW-14	724.88	2/1/2021	ND	30.53	N/A	694.35
MW-14	724.88	2/8/2021	ND	30.67	N/A	694.21
MW-14	724.88	2/16/2021	ND	30.55	N/A	694.33

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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	N/A	692.39
MW-15	725.70	9/5/2020	ND	33.38	N/A	692.32
MW-15	725.70	9/14/2020	ND	34.79	N/A	690.91
MW-15	725.70	9/18/2020	ND	34.81	N/A	690.89
MW-15	725.70	9/28/2020	ND	34.18	N/A	691.52
MW-15	725.70	10/3/2020	ND	34.89	N/A	690.81
MW-15	725.70	10/19/2020	ND	34.88	N/A	690.82
MW-15	725.70	10/26/2020	ND	34.88	N/A	690.82
MW-15	725.70	11/9/2020	ND	34.84	N/A	690.86
MW-15	725.70	11/18/2020	ND	34.85	N/A	690.85
MW-15	725.70	11/23/2020	ND	34.82	N/A	690.88
MW-15	725.70	12/7/2020	ND	35.72	N/A	689.98
MW-15	725.70	12/21/2020	ND	34.66	N/A	691.04
MW-15	725.70	12/26/2020	ND	34.70	N/A	691.00
MW-15	725.70	1/10/2021	ND	34.61	N/A	691.09
MW-15	725.70	1/19/2021	ND	34.58	N/A	691.12
MW-15	725.70	1/25/2021	ND	34.50	N/A	691.20
MW-15	725.70	2/1/2021	ND	34.50	N/A	691.20
MW-15	725.70	2/8/2021	ND	34.60	N/A	691.10
MW-15	725.70	2/16/2021	ND	34.48	N/A	691.22
MW-16	725.49	9/14/2020	ND	26.02	N/A	699.47
MW-16	725.49	9/18/2020	ND	33.90	N/A	691.59
MW-16	725.49	9/28/2020	ND	33.87	N/A	691.62
MW-16	725.49	10/3/2020	ND	33.91	N/A	691.58
MW-16	725.49	10/19/2020	ND	33.89	N/A	691.60
MW-16	725.49	10/26/2020	ND	33.86	N/A	691.63
MW-16	725.49	11/9/2020	ND	33.85	N/A	691.64
MW-16	725.49	11/18/2020	ND	33.85	N/A	691.64
MW-16	725.49	11/23/2020	ND	34.78	N/A	690.71
MW-16	725.49	12/7/2020	ND	33.42	N/A	692.07
MW-16	725.49	12/21/2020	ND	33.73	N/A	691.76
MW-16	725.49	12/26/2020	ND	33.79	N/A	691.70
MW-16	725.49	1/10/2021	ND	33.73	N/A	691.76
MW-16	725.49	1/19/2021	ND	33.69	N/A	691.80
MW-16	725.49	1/25/2021	ND	33.58	N/A	691.91
MW-16	725.49	2/1/2021	ND	33.63	N/A	691.86
MW-16	725.49	2/8/2021	ND	33.71	N/A	691.78
MW-16	725.49	2/16/2021	ND	33.64	N/A	691.85

Table 2
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-17	727.50	9/14/2020	ND	31.32	N/A	696.18
MW-17	727.50	9/18/2020	ND	35.71	N/A	691.79
MW-17	727.50	9/28/2020	ND	35.70	N/A	691.80
MW-17	727.50	10/3/2020	ND	35.75	N/A	691.75
MW-17	727.50	10/19/2020	ND	35.73	N/A	691.77
MW-17	727.50	10/26/2020	ND	35.72	N/A	691.78
MW-17	727.50	10/28/2020	ND	37.72	N/A	689.78
MW-17	727.50	11/9/2020	ND	35.72	N/A	691.78
MW-17	727.50	11/18/2020	ND	35.73	N/A	691.77
MW-17	727.50	11/23/2020	ND	35.68	N/A	691.82
MW-17	727.50	12/7/2020	ND	35.60	N/A	691.90
MW-17	727.50	12/21/2020	ND	35.62	N/A	691.88
MW-17	727.50	12/26/2020	ND	35.70	N/A	691.80
MW-17	727.50	1/10/2021	ND	35.68	N/A	691.82
MW-17	727.50	1/19/2021	ND	35.68	N/A	691.82
MW-17	727.50	1/25/2021	ND	35.56	N/A	691.94
MW-17	727.50	2/1/2021	ND	35.61	N/A	691.89
MW-17	727.50	2/8/2021	ND	35.73	N/A	691.77
MW-17	727.50	2/16/2021	ND	35.66	N/A	691.84
MW-18	729.75	9/3/2020	ND	36.67	N/A	693.08
MW-18	729.75	9/14/2020	ND	39.78	N/A	689.97
MW-18	729.75	9/18/2020	ND	39.75	N/A	690.00
MW-18	729.75	9/28/2020	ND	39.71	N/A	690.04
MW-18	729.75	10/3/2020	ND	39.79	N/A	689.96
MW-18	729.75	10/19/2020	ND	39.88	N/A	689.87
MW-18	729.75	10/26/2020	ND	39.93	N/A	689.82
MW-18	729.75	11/9/2020	ND	40.04	N/A	689.71
MW-18	729.75	11/18/2020	ND	40.15	N/A	689.60
MW-18	729.75	11/23/2020	ND	40.17	N/A	689.58
MW-18	729.75	12/7/2020	ND	40.11	N/A	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

Table 2
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-19	726.29	9/14/2020	ND	13.45	N/A	712.84
MW-19	726.29	9/18/2020	ND	31.25	N/A	695.04
MW-19	726.29	9/28/2020	ND	31.27	N/A	695.02
MW-19	726.29	10/3/2020	ND	31.28	N/A	695.01
MW-19	726.29	10/5/2020	ND	33.28	N/A	693.01
MW-19	726.29	10/19/2020	ND	31.26	N/A	695.03
MW-19	726.29	10/26/2020	ND	31.28	N/A	695.01
MW-19	726.29	11/9/2020	ND	31.30	N/A	694.99
MW-19	726.29	11/18/2020	ND	31.35	N/A	694.94
MW-19	726.29	11/23/2020	ND	31.28	N/A	695.01
MW-19	726.29	12/7/2020	ND	31.23	N/A	695.06
MW-19	726.29	12/21/2020	ND	31.30	N/A	694.99
MW-19	726.29	12/26/2020	ND	31.35	N/A	694.94
MW-19	726.29	1/10/2021	ND	31.28	N/A	695.01
MW-19	726.29	1/19/2021	ND	31.26	N/A	695.03
MW-19	726.29	1/25/2021	ND	41.09	N/A	685.20
MW-19	726.29	2/1/2021	ND	31.14	N/A	695.15
MW-19	726.29	2/8/2021	ND	31.22	N/A	695.07
MW-19	726.29	2/16/2021	ND	31.11	N/A	695.18
MW-20	729.69	9/3/2020	ND	41.44	N/A	688.25
MW-20	729.69	9/14/2020	ND	42.25	N/A	687.44
MW-20	729.69	9/18/2020	ND	40.21	N/A	689.48
MW-20	729.69	9/28/2020	ND	42.17	N/A	687.52
MW-20	729.69	10/3/2020	ND	42.12	N/A	687.57
MW-20	729.69	10/19/2020	ND	42.16	N/A	687.53
MW-20	729.69	10/21/2020	ND	44.16	N/A	685.53
MW-20	729.69	10/26/2020	ND	42.15	N/A	687.54
MW-20	729.69	11/9/2020	ND	42.14	N/A	687.55
MW-20	729.69	11/18/2020	ND	42.29	N/A	687.40
MW-20	729.69	11/23/2020	ND	42.22	N/A	687.47
MW-20	729.69	12/7/2020	ND	42.15	N/A	687.54
MW-20	729.69	12/21/2020	ND	42.26	N/A	687.43
MW-20	729.69	12/26/2020	ND	42.31	N/A	687.38
MW-20	729.69	1/10/2021	ND	42.46	N/A	687.23
MW-20	729.69	1/19/2021	ND	42.54	N/A	687.15
MW-20	729.69	1/25/2021	ND	42.56	N/A	687.13
MW-20	729.69	2/1/2021	ND	42.58	N/A	687.11
MW-20	729.69	2/8/2021	ND	42.84	N/A	686.85
MW-20	729.69	2/16/2021	ND	42.69	N/A	687.00

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-21	724.97	9/14/2020	ND	24.99	N/A	699.98
MW-21	724.97	9/18/2020	ND	30.79	N/A	694.18
MW-21	724.97	9/28/2020	ND	30.73	N/A	694.24
MW-21	724.97	10/3/2020	ND	30.81	N/A	694.16
MW-21	724.97	10/19/2020	ND	30.76	N/A	694.21
MW-21	724.97	10/26/2020	ND	30.74	N/A	694.23
MW-21	724.97	11/9/2020	ND	30.78	N/A	694.19
MW-21	724.97	11/18/2020	ND	30.81	N/A	694.16
MW-21	724.97	11/23/2020	ND	30.76	N/A	694.21
MW-21	724.97	12/7/2020	ND	30.71	N/A	694.26
MW-21	724.97	12/21/2020	ND	30.80	N/A	694.17
MW-21	724.97	12/26/2020	ND	30.87	N/A	694.10
MW-21	724.97	1/10/2021	ND	30.92	N/A	694.05
MW-21	724.97	1/19/2021	ND	30.90	N/A	694.07
MW-21	724.97	1/25/2021	ND	30.73	N/A	694.24
MW-21	724.97	2/1/2021	ND	30.78	N/A	694.19
MW-21	724.97	2/8/2021	ND	30.93	N/A	694.04
MW-21	724.97	2/16/2021	ND	30.84	N/A	694.13
MW-22	721.89	1/10/2020	ARP	ARP	ARP	ARP
MW-22	721.89	9/14/2020	ND	34.88	N/A	687.01
MW-22	721.89	9/18/2020	ND	34.82	N/A	687.07
MW-22	721.89	9/28/2020	ND	34.77	N/A	687.12
MW-22	721.89	10/3/2020	ND	34.88	N/A	687.01
MW-22	721.89	10/19/2020	ND	35.02	N/A	686.87
MW-22	721.89	10/26/2020	ND	35.12	N/A	686.77
MW-22	721.89	11/9/2020	ND	34.80	N/A	687.09
MW-22	721.89	11/18/2020	ND	34.98	N/A	686.91
MW-22	721.89	11/23/2020	ND	34.90	N/A	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	ND	Dry	N/A	Dry
MW-22	721.89	2/8/2021	NM	NM	NM	NM
MW-22	721.89	2/16/2021	NM	NM	NM	NM

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-23	723.81	10/3/2020	ND	29.86	N/A	693.95
MW-23	723.81	10/19/2020	ND	29.81	N/A	694.00
MW-23	723.81	10/26/2020	ND	29.78	N/A	694.03
MW-23	723.81	11/9/2020	ND	29.79	N/A	694.02
MW-23	723.81	11/18/2020	ND	29.82	N/A	693.99
MW-23	723.81	11/23/2020	ND	30.79	N/A	693.02
MW-23	723.81	12/7/2020	ND	29.73	N/A	694.08
MW-23	723.81	12/21/2020	ND	29.79	N/A	694.02
MW-23	723.81	12/26/2020	ND	28.10	N/A	695.71
MW-23	723.81	1/10/2021	ND	29.88	N/A	693.93
MW-23	723.81	1/19/2021	ND	29.57	N/A	694.24
MW-23	723.81	1/25/2021	ND	29.74	N/A	694.07
MW-23	723.81	2/1/2021	ND	29.76	N/A	694.05
MW-23	723.81	2/8/2021	ND	29.89	N/A	693.92
MW-23	723.81	2/16/2021	ND	29.80	N/A	694.01
MW-23**	724.32	9/14/2020	ND	30.06	N/A	694.26
MW-23**	724.32	9/18/2020	ND	30.38	N/A	693.94
MW-23**	724.32	9/28/2020	ND	29.82	N/A	694.50
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	NM	NM	NM	NM
MW-24	737.63	2/16/2021	NM	NM	NM	NM

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-25	734.04	9/14/2020	ND	43.52	N/A	690.52
MW-25	734.04	9/18/2020	ND	43.48	N/A	690.56
MW-25	734.04	9/28/2020	ND	43.40	N/A	690.64
MW-25	734.04	10/3/2020	ND	43.49	N/A	690.55
MW-25	734.04	10/19/2020	ND	43.54	N/A	690.50
MW-25	734.04	10/21/2020	ND	45.54	N/A	688.50
MW-25	734.04	10/26/2020	ND	43.57	N/A	690.47
MW-25	734.04	11/9/2020	ND	43.61	N/A	690.43
MW-25	734.04	11/18/2020	ND	43.69	N/A	690.35
MW-25	734.04	11/23/2020	ND	44.71	N/A	689.33
MW-25	734.04	12/7/2020	ND	43.66	N/A	690.38
MW-25	734.04	12/21/2020	ND	43.85	N/A	690.19
MW-25	734.04	12/26/2020	ND	43.92	N/A	690.12
MW-25	734.04	1/10/2021	ND	44.16	N/A	689.88
MW-25	734.04	1/19/2021	ND	44.25	N/A	689.79
MW-25	734.04	1/25/2021	ND	44.29	N/A	689.75
MW-25	734.04	2/1/2021	ND	44.39	N/A	689.65
MW-25	734.04	2/8/2021	ND	44.66	N/A	689.38
MW-25	734.04	2/16/2021	ND	44.49	N/A	689.55
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	29.56	38.75	9.19	685.69
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	ND	Dry	N/A	Dry
MW-26	717.71	1/19/2021	ND	Dry	N/A	Dry
MW-26	717.71	1/25/2021	ND	Dry	N/A	Dry
MW-26	717.71	2/1/2021	ND	Dry	N/A	Dry
MW-26	717.71	2/8/2021	ND	Dry	N/A	Dry
MW-26	717.71	2/16/2021	NM	NM	NM	NM

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-27	716.19	9/14/2020	ND	33.27	N/A	682.92
MW-27	716.19	9/18/2020	ND	33.24	N/A	682.95
MW-27	716.19	9/28/2020	ND	33.18	N/A	683.01
MW-27	716.19	10/3/2020	ND	33.23	N/A	682.96
MW-27	716.19	10/19/2020	ND	33.24	N/A	682.95
MW-27	716.19	10/26/2020	ND	33.23	N/A	682.96
MW-27	716.19	11/9/2020	ND	33.21	N/A	682.98
MW-27	716.19	11/18/2020	ND	33.25	N/A	682.94
MW-27	716.19	11/23/2020	ND	33.19	N/A	683.00
MW-27	716.19	12/7/2020	ND	33.02	N/A	683.17
MW-27	716.19	12/21/2020	ND	33.15	N/A	683.04
MW-27	716.19	12/26/2020	ND	33.14	N/A	683.05
MW-27	716.19	1/10/2021	ND	33.25	N/A	682.94
MW-27	716.19	1/19/2021	ND	33.80	N/A	682.39
MW-27	716.19	1/25/2021	ND	34.01	N/A	682.18
MW-27	716.19	2/1/2021	ND	34.08	N/A	682.11
MW-27	716.19	2/8/2021	ND	34.29	N/A	681.90
MW-27	716.19	2/16/2021	ND	33.92	N/A	682.27
MW-28	720.45	9/14/2020	ND	29.37	N/A	691.08
MW-28	720.45	9/18/2020	ND	29.34	N/A	691.11
MW-28	720.45	9/28/2020	ND	29.32	N/A	691.13
MW-28	720.45	10/3/2020	ND	29.36	N/A	691.09
MW-28	720.45	10/19/2020	ND	29.33	N/A	691.12
MW-28	720.45	10/26/2020	ND	29.29	N/A	691.16
MW-28	720.45	11/9/2020	ND	29.25	N/A	691.20
MW-28	720.45	11/18/2020	ND	29.22	N/A	691.23
MW-28	720.45	11/23/2020	ND	29.19	N/A	691.26
MW-28	720.45	12/7/2020	ND	29.09	N/A	691.36
MW-28	720.45	12/21/2020	ND	29.03	N/A	691.42
MW-28	720.45	12/26/2020	ND	29.09	N/A	691.36
MW-28	720.45	1/10/2021	ND	29.02	N/A	691.43
MW-28	720.45	1/19/2021	ND	28.90	N/A	691.55
MW-28	720.45	1/25/2021	ND	28.84	N/A	691.61
MW-28	720.45	2/1/2021	ND	28.85	N/A	691.60
MW-28	720.45	2/8/2021	ND	28.91	N/A	691.54
MW-28	720.45	2/16/2021	ND	28.82	N/A	691.63

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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-29	718.73	9/14/2020	ND	29.71	N/A	689.02
MW-29	718.73	9/18/2020	ND	29.79	N/A	688.94
MW-29	718.73	9/28/2020	ND	29.86	N/A	688.87
MW-29	718.73	10/3/2020	ND	30.00	N/A	688.73
MW-29	718.73	10/19/2020	ND	30.10	N/A	688.63
MW-29	718.73	10/26/2020	ND	30.11	N/A	688.62
MW-29	718.73	11/9/2020	ND	30.07	N/A	688.66
MW-29	718.73	11/18/2020	ND	30.12	N/A	688.61
MW-29	718.73	11/23/2020	ND	30.05	N/A	688.68
MW-29	718.73	12/7/2020	ND	29.85	N/A	688.88
MW-29	718.73	12/21/2020	ND	29.91	N/A	688.82
MW-29	718.73	12/26/2020	ND	29.94	N/A	688.79
MW-29	718.73	1/10/2021	ND	29.87	N/A	688.86
MW-29	718.73	1/19/2021	ND	29.92	N/A	688.81
MW-29	718.73	1/25/2021	ND	29.84	N/A	688.89
MW-29	718.73	2/1/2021	ND	29.81	N/A	688.92
MW-29	718.73	2/8/2021	ND	30.09	N/A	688.64
MW-29	718.73	2/16/2021	ND	29.82	N/A	688.91
MW-30	715.08	9/14/2020	ND	30.59	N/A	684.49
MW-30	715.08	9/18/2020	ND	30.59	N/A	684.49
MW-30	715.08	9/28/2020	ND	30.50	N/A	684.58
MW-30	715.08	10/3/2020	ND	30.54	N/A	684.54
MW-30	715.08	10/19/2020	ND	30.32	N/A	684.76
MW-30	715.08	10/26/2020	ND	30.21	N/A	684.87
MW-30	715.08	11/9/2020	ND	30.02	N/A	685.06
MW-30	715.08	11/18/2020	ND	29.94	N/A	685.14
MW-30	715.08	11/23/2020	ND	29.89	N/A	685.19
MW-30	715.08	12/7/2020	ND	29.57	N/A	685.51
MW-30	715.08	12/21/2020	ND	29.43	N/A	685.65
MW-30	715.08	12/26/2020	ND	29.42	N/A	685.66
MW-30	715.08	1/10/2021	ND	29.13	N/A	685.95
MW-30	715.08	1/19/2021	ND	29.00	N/A	686.08
MW-30	715.08	1/25/2021	ND	28.83	N/A	686.25
MW-30	715.08	2/1/2021	ND	28.73	N/A	686.35
MW-30	715.08	2/8/2021	ND	28.82	N/A	686.26
MW-30	715.08	2/16/2021	ND	28.54	N/A	686.54

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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)
MW-31	721.45	9/14/2020	ND	26.39	N/A	695.06
MW-31	721.45	9/18/2020	ND	27.69	N/A	693.76
MW-31	721.45	9/28/2020	ND	27.64	N/A	693.81
MW-31	721.45	10/3/2020	ND	27.69	N/A	693.76
MW-31	721.45	10/19/2020	ND	27.62	N/A	693.83
MW-31	721.45	10/21/2020	ND	29.62	N/A	691.83
MW-31	721.45	10/26/2020	ND	27.61	N/A	693.84
MW-31	721.45	11/9/2020	ND	27.61	N/A	693.84
MW-31	721.45	11/18/2020	ND	27.61	N/A	693.84
MW-31	721.45	11/23/2020	ND	27.56	N/A	693.89
MW-31	721.45	12/7/2020	ND	27.49	N/A	693.96
MW-31	721.45	12/21/2020	ND	27.53	N/A	693.92
MW-31	721.45	12/26/2020	ND	27.61	N/A	693.84
MW-31	721.45	1/10/2021	ND	27.58	N/A	693.87
MW-31	721.45	1/19/2021	ND	27.54	N/A	693.91
MW-31	721.45	1/25/2021	ND	27.40	N/A	694.05
MW-31	721.45	2/1/2021	ND	27.43	N/A	694.02
MW-31	721.45	2/8/2021	ND	27.52	N/A	693.93
MW-31	721.45	2/16/2021	ND	27.44	N/A	694.01
MW-32	691.78	9/14/2020	ND	16.19	N/A	675.59
MW-32	691.78	9/18/2020	ND	16.06	N/A	675.72
MW-32	691.78	9/28/2020	ND	15.63	N/A	676.15
MW-32	691.78	10/3/2020	ND	15.73	N/A	676.05
MW-32	691.78	10/19/2020	ND	15.09	N/A	676.69
MW-32	691.78	10/26/2020	ND	14.98	N/A	676.80
MW-32	691.78	11/9/2020	ND	14.57	N/A	677.21
MW-32	691.78	11/18/2020	ND	14.38	N/A	677.40
MW-32	691.78	11/23/2020	ND	14.11	N/A	677.67
MW-32	691.78	12/7/2020	ND	13.60	N/A	678.18
MW-32	691.78	12/21/2020	ND	13.31	N/A	678.47
MW-32	691.78	12/26/2020	ND	13.47	N/A	678.31
MW-32	691.78	1/10/2021	ND	13.21	N/A	678.57
MW-32	691.78	1/19/2021	ND	13.16	N/A	678.62
MW-32	691.78	1/25/2021	ND	12.82	N/A	678.96
MW-32	691.78	2/1/2021	ND	12.35	N/A	679.43
MW-32	691.78	2/8/2021	ND	12.72	N/A	679.06
MW-32	691.78	2/16/2021	ND	11.97	N/A	679.81

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-33	686.70	9/14/2020	ND	13.20	N/A	673.50
MW-33	686.70	9/18/2020	ND	13.03	N/A	673.67
MW-33	686.70	9/28/2020	ND	12.63	N/A	674.07
MW-33	686.70	10/3/2020	ND	12.76	N/A	673.94
MW-33	686.70	10/19/2020	ND	12.12	N/A	674.58
MW-33	686.70	10/26/2020	ND	12.03	N/A	674.67
MW-33	686.70	11/9/2020	ND	11.58	N/A	675.12
MW-33	686.70	11/18/2020	ND	11.30	N/A	675.40
MW-33	686.70	11/23/2020	ND	11.13	N/A	675.57
MW-33	686.70	12/7/2020	ND	10.53	N/A	676.17
MW-33	686.70	12/21/2020	ND	10.18	N/A	676.52
MW-33	686.70	12/26/2020	ND	10.23	N/A	676.47
MW-33	686.70	1/10/2021	ND	9.99	N/A	676.71
MW-33	686.70	1/19/2021	ND	10.02	N/A	676.68
MW-33	686.70	1/25/2021	ND	9.77	N/A	676.93
MW-33	686.70	2/1/2021	ND	9.15	N/A	677.55
MW-33	686.70	2/8/2021	ND	9.49	N/A	677.21
MW-33	686.70	2/16/2021	ND	8.61	N/A	678.09
MW-34	683.89	9/14/2020	ND	10.89	N/A	673.00
MW-34	683.89	9/18/2020	ND	10.60	N/A	673.29
MW-34	683.89	9/28/2020	ND	10.25	N/A	673.64
MW-34	683.89	10/3/2020	ND	10.47	N/A	673.42
MW-34	683.89	10/19/2020	ND	9.77	N/A	674.12
MW-34	683.89	10/21/2020	ND	11.77	N/A	672.12
MW-34	683.89	10/26/2020	ND	9.70	N/A	674.19
MW-34	683.89	11/9/2020	ND	9.18	N/A	674.71
MW-34	683.89	11/18/2020	ND	8.93	N/A	674.96
MW-34	683.89	11/23/2020	ND	8.75	N/A	675.14
MW-34	683.89	12/7/2020	ND	8.10	N/A	675.79
MW-34	683.89	12/21/2020	ND	7.74	N/A	676.15
MW-34	683.89	12/26/2020	ND	7.80	N/A	676.09
MW-34	683.89	1/10/2021	ND	7.61	N/A	676.28
MW-34	683.89	1/19/2021	ND	7.69	N/A	676.20
MW-34	683.89	1/25/2021	ND	7.44	N/A	676.45
MW-34	683.89	2/1/2021	ND	6.71	N/A	677.18
MW-34	683.89	2/8/2021	ND	7.06	N/A	676.83
MW-34	683.89	2/16/2021	ND	6.17	N/A	677.72

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MW-35	707.14	9/14/2020	ND	26.78	N/A	680.36
MW-35	707.14	9/18/2020	ND	26.78	N/A	680.36
MW-35	707.14	9/28/2020	ND	26.52	N/A	680.62
MW-35	707.14	10/3/2020	ND	26.48	N/A	680.66
MW-35	707.14	10/19/2020	ND	25.90	N/A	681.24
MW-35	707.14	10/26/2020	ND	25.76	N/A	681.38
MW-35	707.14	11/9/2020	ND	25.48	N/A	681.66
MW-35	707.14	11/18/2020	ND	25.11	N/A	682.03
MW-35	707.14	11/23/2020	ND	25.00	N/A	682.14
MW-35	707.14	12/7/2020	ND	24.62	N/A	682.52
MW-35	707.14	12/21/2020	ND	24.35	N/A	682.79
MW-35	707.14	12/26/2020	ND	24.15	N/A	682.99
MW-35	707.14	1/10/2021	ND	23.81	N/A	683.33
MW-35	707.14	1/19/2021	ND	23.70	N/A	683.44
MW-35	707.14	1/25/2021	ND	23.54	N/A	683.60
MW-35	707.14	2/1/2021	ND	23.32	N/A	683.82
MW-35	707.14	2/8/2021	ND	23.25	N/A	683.89
MW-35	707.14	2/16/2021	ND	22.71	N/A	684.43
MW-36	710.54	9/14/2020	ND	28.62	N/A	681.92
MW-36	710.54	9/18/2020	ND	28.61	N/A	681.93
MW-36	710.54	9/28/2020	ND	28.35	N/A	682.19
MW-36	710.54	10/3/2020	ND	28.31	N/A	682.23
MW-36	710.54	10/19/2020	ND	27.73	N/A	682.81
MW-36	710.54	10/26/2020	ND	27.64	N/A	682.90
MW-36	710.54	11/9/2020	ND	27.44	N/A	683.10
MW-36	710.54	11/18/2020	ND	27.05	N/A	683.49
MW-36	710.54	11/23/2020	ND	26.92	N/A	683.62
MW-36	710.54	12/7/2020	ND	26.57	N/A	683.97
MW-36	710.54	12/21/2020	ND	26.29	N/A	684.25
MW-36	710.54	12/26/2020	ND	26.13	N/A	684.41
MW-36	710.54	1/10/2021	ND	25.82	N/A	684.72
MW-36	710.54	1/19/2021	ND	25.68	N/A	684.86
MW-36	710.54	1/25/2021	ND	25.56	N/A	684.98
MW-36	710.54	2/1/2021	ND	25.31	N/A	685.23
MW-36	710.54	2/8/2021	ND	25.21	N/A	685.33
MW-36	710.54	2/16/2021	ND	24.60	N/A	685.94

Table 2
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	N/A	688.04
MW-37	714.94	9/18/2020	ND	26.92	N/A	688.02
MW-37	714.94	9/28/2020	ND	26.99	N/A	687.95
MW-37	714.94	10/3/2020	ND	27.14	N/A	687.80
MW-37	714.94	10/19/2020	ND	27.18	N/A	687.76
MW-37	714.94	10/26/2020	ND	27.21	N/A	687.73
MW-37	714.94	11/9/2020	ND	27.16	N/A	687.78
MW-37	714.94	11/18/2020	ND	27.18	N/A	687.76
MW-37	714.94	11/23/2020	ND	27.12	N/A	687.82
MW-37	714.94	12/7/2020	ND	26.90	N/A	688.04
MW-37	714.94	12/21/2020	ND	26.85	N/A	688.09
MW-37	714.94	12/26/2020	ND	26.89	N/A	688.05
MW-37	714.94	1/10/2021	ND	26.69	N/A	688.25
MW-37	714.94	1/19/2021	ND	26.61	N/A	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-38	726.74	9/14/2020	ND	37.56	N/A	689.18
MW-38	726.74	9/18/2020	ND	37.66	N/A	689.08
MW-38	726.74	9/28/2020	ND	37.45	N/A	689.29
MW-38	726.74	10/3/2020	ND	37.55	N/A	689.19
MW-38	726.74	10/19/2020	ND	37.65	N/A	689.09
MW-38	726.74	10/26/2020	ND	37.71	N/A	689.03
MW-38	726.74	11/9/2020	ND	37.80	N/A	688.94
MW-38	726.74	11/18/2020	ND	37.90	N/A	688.84
MW-38	726.74	11/23/2020	ND	37.91	N/A	688.83
MW-38	726.74	12/7/2020	ND	37.87	N/A	688.87
MW-38	726.74	12/21/2020	ND	38.18	N/A	688.56
MW-38	726.74	12/26/2020	ND	38.23	N/A	688.51
MW-38	726.74	1/10/2021	ND	38.54	N/A	688.20
MW-38	726.74	1/19/2021	ND	39.13	N/A	687.61
MW-38	726.74	1/25/2021	ND	39.23	N/A	687.51
MW-38	726.74	2/1/2021	ND	39.28	N/A	687.46
MW-38	726.74	2/8/2021	ND	39.65	N/A	687.09
MW-38	726.74	2/16/2021	ND	39.38	N/A	687.36

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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-39	738.13	9/14/2020	ND	41.90	N/A	696.23
MW-39	738.13	9/18/2020	ND	38.31	N/A	699.82
MW-39	738.13	9/28/2020	ND	38.33	N/A	699.80
MW-39	738.13	10/3/2020	ND	38.58	N/A	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	NM	NM	NM	NM
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	NM	NM	NM	NM
MW-39	738.13	2/16/2021	NM	NM	NM	NM
MW-40	728.92	9/14/2020	ND	33.25	N/A	695.67
MW-40	728.92	9/18/2020	ND	33.21	N/A	695.71
MW-40	728.92	9/28/2020	ND	33.15	N/A	695.77
MW-40	728.92	10/3/2020	ND	33.22	N/A	695.70
MW-40	728.92	10/19/2020	ND	33.27	N/A	695.65
MW-40	728.92	10/26/2020	ND	33.32	N/A	695.60
MW-40	728.92	10/28/2020	ND	35.32	N/A	693.60
MW-40	728.92	11/9/2020	ND	33.47	N/A	695.45
MW-40	728.92	11/18/2020	ND	Dry	N/A	Dry
MW-40	728.92	11/23/2020	ND	34.57	N/A	694.35
MW-40	728.92	12/7/2020	ND	33.56	N/A	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	N/A	695.07
MW-40	728.92	1/10/2021	ND	33.95	N/A	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

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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	N/A	692.52
MW-41	745.92	9/18/2020	ND	53.40	N/A	692.52
MW-41	745.92	9/28/2020	ND	53.36	N/A	692.56
MW-41	745.92	10/3/2020	ND	53.49	N/A	692.43
MW-41	745.92	10/19/2020	ND	53.51	N/A	692.41
MW-41	745.92	10/26/2020	ND	53.49	N/A	692.43
MW-41	745.92	11/9/2020	ND	53.53	N/A	692.39
MW-41	745.92	11/18/2020	ND	53.63	N/A	692.29
MW-41	745.92	11/23/2020	ND	53.60	N/A	692.32
MW-41	745.92	12/7/2020	ND	53.54	N/A	692.38
MW-41	745.92	12/21/2020	ND	53.82	N/A	692.10
MW-41	745.92	12/26/2020	ND	53.77	N/A	692.15
MW-41	745.92	1/10/2021	ND	54.28	N/A	691.64
MW-41	745.92	1/19/2021	ND	54.35	N/A	691.57
MW-41	745.92	1/25/2021	ND	54.28	N/A	691.64
MW-41	745.92	2/1/2021	ND	54.22	N/A	691.70
MW-41	745.92	2/8/2021	ND	54.64	N/A	691.28
MW-41	745.92	2/16/2021	ND	54.20	N/A	691.72
MW-42	735.71	9/14/2020	ND	41.33	N/A	694.38
MW-42	735.71	9/18/2020	ND	38.15	N/A	697.56
MW-42	735.71	9/28/2020	ND	38.14	N/A	697.57
MW-42	735.71	10/3/2020	ND	38.25	N/A	697.46
MW-42	735.71	10/19/2020	ND	38.31	N/A	697.40
MW-42	735.71	10/26/2020	ND	38.36	N/A	697.35
MW-42	735.71	11/9/2020	ND	38.44	N/A	697.27
MW-42	735.71	11/18/2020	ND	38.57	N/A	697.14
MW-42	735.71	11/23/2020	ND	38.42	N/A	697.29
MW-42	735.71	12/7/2020	ND	38.40	N/A	697.31
MW-42	735.71	12/21/2020	ND	38.50	N/A	697.21
MW-42	735.71	12/26/2020	ND	38.61	N/A	697.10
MW-42	735.71	1/10/2021	ND	38.74	N/A	696.97
MW-42	735.71	1/19/2021	ND	38.71	N/A	697.00
MW-42	735.71	1/25/2021	ND	38.93	N/A	696.78
MW-42	735.71	2/1/2021	ND	38.97	N/A	696.74
MW-42	735.71	2/8/2021	ND	39.26	N/A	696.45
MW-42	735.71	2/16/2021	ND	39.10	N/A	696.61

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-43	729.80	9/14/2020	ND	38.27	N/A	691.53
MW-43	729.80	9/18/2020	ND	38.30	N/A	691.50
MW-43	729.80	9/28/2020	ND	38.33	N/A	691.47
MW-43	729.80	10/3/2020	ND	38.52	N/A	691.28
MW-43	729.80	10/19/2020	ND	38.49	N/A	691.31
MW-43	729.80	10/26/2020	ND	38.52	N/A	691.28
MW-43	729.80	11/9/2020	ND	38.49	N/A	691.31
MW-43	729.80	11/18/2020	ND	38.55	N/A	691.25
MW-43	729.80	11/23/2020	ND	39.51	N/A	690.29
MW-43	729.80	12/7/2020	ND	38.40	N/A	691.40
MW-43	729.80	12/21/2020	ND	38.50	N/A	691.30
MW-43	729.80	12/26/2020	ND	38.58	N/A	691.22
MW-43	729.80	1/10/2021	ND	38.60	N/A	691.20
MW-43	729.80	1/19/2021	ND	38.70	N/A	691.10
MW-43	729.80	1/25/2021	ND	48.67	N/A	681.13
MW-43	729.80	2/1/2021	ND	38.74	N/A	691.06
MW-43	729.80	2/8/2021	ND	39.01	N/A	690.79
MW-43	729.80	2/16/2021	ND	38.84	N/A	690.96
MW-44	726.48	9/14/2020	ND	32.40	N/A	694.08
MW-44	726.48	9/18/2020	ND	32.53	N/A	693.95
MW-44	726.48	9/28/2020	ND	32.59	N/A	693.89
MW-44	726.48	10/3/2020	ND	32.64	N/A	693.84
MW-44	726.48	10/19/2020	ND	32.70	N/A	693.78
MW-44	726.48	10/21/2020	ND	34.70	N/A	691.78
MW-44	726.48	10/26/2020	ND	32.62	N/A	693.86
MW-44	726.48	11/9/2020	ND	32.67	N/A	693.81
MW-44	726.48	11/18/2020	ND	32.68	N/A	693.80
MW-44	726.48	11/23/2020	NM	NM	NM	NM
MW-44	726.48	12/7/2020	ND	32.50	N/A	693.98
MW-44	726.48	12/21/2020	ND	32.50	N/A	693.98
MW-44	726.48	12/26/2020	ND	32.50	N/A	693.98
MW-44	726.48	1/10/2021	ND	32.41	N/A	694.07
MW-44	726.48	1/19/2021	ND	32.35	N/A	694.13
MW-44	726.48	1/25/2021	ND	32.25	N/A	694.23
MW-44	726.48	2/1/2021	ND	32.18	N/A	694.30
MW-44	726.48	2/8/2021	ND	32.18	N/A	694.30
MW-44	726.48	2/16/2021	ND	32.18	N/A	694.30

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-45	729.41	9/14/2020	ND	35.28	N/A	694.13
MW-45	729.41	9/18/2020	ND	35.21	N/A	694.20
MW-45	729.41	9/28/2020	ND	35.29	N/A	694.12
MW-45	729.41	10/3/2020	ND	35.40	N/A	694.01
MW-45	729.41	10/19/2020	ND	35.38	N/A	694.03
MW-45	729.41	10/26/2020	ND	35.39	N/A	694.02
MW-45	729.41	11/9/2020	ND	35.37	N/A	694.04
MW-45	729.41	11/18/2020	ND	35.41	N/A	694.00
MW-45	729.41	11/23/2020	ND	35.27	N/A	694.14
MW-45	729.41	12/7/2020	ND	35.19	N/A	694.22
MW-45	729.41	12/21/2020	ND	35.24	N/A	694.17
MW-45	729.41	12/26/2020	ND	35.34	N/A	694.07
MW-45	729.41	1/10/2021	ND	35.35	N/A	694.06
MW-45	729.41	1/19/2021	ND	35.34	N/A	694.07
MW-45	729.41	1/25/2021	ND	35.18	N/A	694.23
MW-45	729.41	2/1/2021	ND	35.29	N/A	694.12
MW-45	729.41	2/8/2021	ND	35.59	N/A	693.82
MW-45	729.41	2/16/2021	ND	35.46	N/A	693.95
MW-46	726.73	9/14/2020	ND	31.63	N/A	695.10
MW-46	726.73	9/18/2020	ND	31.63	N/A	695.10
MW-46	726.73	9/28/2020	ND	31.71	N/A	695.02
MW-46	726.73	10/3/2020	ND	31.82	N/A	694.91
MW-46	726.73	10/19/2020	ND	31.89	N/A	694.84
MW-46	726.73	10/26/2020	ND	31.88	N/A	694.85
MW-46	726.73	11/9/2020	ND	31.88	N/A	694.85
MW-46	726.73	11/18/2020	ND	31.91	N/A	694.82
MW-46	726.73	11/23/2020	ND	31.82	N/A	694.91
MW-46	726.73	12/7/2020	ND	31.71	N/A	695.02
MW-46	726.73	12/21/2020	ND	31.77	N/A	694.96
MW-46	726.73	12/26/2020	ND	31.85	N/A	694.88
MW-46	726.73	1/10/2021	ND	31.83	N/A	694.90
MW-46	726.73	1/19/2021	ND	31.81	N/A	694.92
MW-46	726.73	1/25/2021	ND	31.62	N/A	695.11
MW-46	726.73	2/1/2021	ND	31.67	N/A	695.06
MW-46	726.73	2/8/2021	ND	31.98	N/A	694.75
MW-46	726.73	2/16/2021	ND	31.91	N/A	694.82

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-47	726.77	9/14/2020	ND	30.88	N/A	695.89
MW-47	726.77	9/18/2020	ND	30.75	N/A	696.02
MW-47	726.77	9/28/2020	ND	30.74	N/A	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	NM	NM	NM	NM
MW-47	726.77	2/16/2021	NM	NM	NM	NM
MW-48	723.09	9/18/2020	ND	33.44	N/A	689.65
MW-48	723.09	9/28/2020	ND	33.38	N/A	689.71
MW-48	723.09	10/3/2020	ND	33.57	N/A	689.52
MW-48	723.09	10/19/2020	ND	33.63	N/A	689.46
MW-48	723.09	10/26/2020	ND	33.65	N/A	689.44
MW-48	723.09	11/9/2020	ND	33.58	N/A	689.51
MW-48	723.09	11/18/2020	ND	33.64	N/A	689.45
MW-48	723.09	11/23/2020	ND	33.56	N/A	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	NM	NM	NM	NM
MW-48	723.09	2/16/2021	NM	NM	NM	NM

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-49	727.58	9/18/2020	ND	32.29	N/A	695.29
MW-49	727.58	9/28/2020	ND	33.63	N/A	693.95
MW-49	727.58	10/3/2020	ND	33.75	N/A	693.83
MW-49	727.58	10/19/2020	ND	33.73	N/A	693.85
MW-49	727.58	10/26/2020	ND	33.76	N/A	693.82
MW-49	727.58	11/9/2020	ND	33.69	N/A	693.89
MW-49	727.58	11/18/2020	ND	33.70	N/A	693.88
MW-49	727.58	11/23/2020	ND	33.55	N/A	694.03
MW-49	727.58	12/7/2020	ND	33.45	N/A	694.13
MW-49	727.58	12/21/2020	ND	33.49	N/A	694.09
MW-49	727.58	12/26/2020	ND	33.57	N/A	694.01
MW-49	727.58	1/10/2021	ND	33.53	N/A	694.05
MW-49	727.58	1/19/2021	ND	33.51	N/A	694.07
MW-49	727.58	1/25/2021	ND	33.34	N/A	694.24
MW-49	727.58	2/1/2021	ND	33.42	N/A	694.16
MW-49	727.58	2/8/2021	ND	33.65	N/A	693.93
MW-49	727.58	2/16/2021	ND	33.52	N/A	694.06
MW-50	731.14	9/18/2020	ND	35.04	N/A	696.10
MW-50	731.14	9/28/2020	ND	36.74	N/A	694.40
MW-50	731.14	10/3/2020	ND	36.85	N/A	694.29
MW-50	731.14	10/19/2020	ND	36.88	N/A	694.26
MW-50	731.14	10/26/2020	ND	36.94	N/A	694.20
MW-50	731.14	11/9/2020	ND	36.90	N/A	694.24
MW-50	731.14	11/18/2020	ND	36.99	N/A	694.15
MW-50	731.14	11/23/2020	ND	36.86	N/A	694.28
MW-50	731.14	12/7/2020	ND	36.81	N/A	694.33
MW-50	731.14	12/21/2020	ND	36.84	N/A	694.30
MW-50	731.14	12/26/2020	ND	36.95	N/A	694.19
MW-50	731.14	1/10/2021	ND	36.95	N/A	694.19
MW-50	731.14	1/19/2021	ND	36.95	N/A	694.19
MW-50	731.14	1/25/2021	ND	36.92	N/A	694.22
MW-50	731.14	2/1/2021	ND	36.91	N/A	694.23
MW-50	731.14	2/8/2021	ND	37.67	N/A	693.47
MW-50	731.14	2/16/2021	ND	37.58	N/A	693.56

Table 2
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	N/A	699.86
MW-51	731.20	9/28/2020	ND	37.08	N/A	694.12
MW-51	731.20	10/3/2020	ND	37.18	N/A	694.02
MW-51	731.20	10/19/2020	ND	37.18	N/A	694.02
MW-51	731.20	10/26/2020	ND	37.19	N/A	694.01
MW-51	731.20	11/9/2020	ND	37.18	N/A	694.02
MW-51	731.20	11/18/2020	ND	37.27	N/A	693.93
MW-51	731.20	11/23/2020	ND	37.10	N/A	694.10
MW-51	731.20	12/7/2020	ND	37.03	N/A	694.17
MW-51	731.20	12/21/2020	ND	37.08	N/A	694.12
MW-51	731.20	12/26/2020	ND	37.18	N/A	694.02
MW-51	731.20	1/10/2021	ND	37.20	N/A	694.00
MW-51	731.20	1/19/2021	ND	37.19	N/A	694.01
MW-51	731.20	1/25/2021	ND	37.07	N/A	694.13
MW-51	731.20	2/1/2021	ND	37.16	N/A	694.04
MW-51	731.20	2/8/2021	ND	37.51	N/A	693.69
MW-51	731.20	2/16/2021	ND	37.38	N/A	693.82
MW-52	722.94	9/28/2020	ND	33.32	N/A	689.62
MW-52	722.94	10/3/2020	ND	33.48	N/A	689.46
MW-52	722.94	10/19/2020	ND	33.56	N/A	689.38
MW-52	722.94	10/21/2020	ND	35.56	N/A	687.38
MW-52	722.94	10/26/2020	ND	33.60	N/A	689.34
MW-52	722.94	11/9/2020	ND	33.52	N/A	689.42
MW-52	722.94	11/18/2020	ND	33.59	N/A	689.35
MW-52	722.94	11/23/2020	ND	33.51	N/A	689.43
MW-52	722.94	12/7/2020	ND	33.36	N/A	689.58
MW-52	722.94	12/21/2020	ND	33.54	N/A	689.40
MW-52	722.94	12/26/2020	ND	33.49	N/A	689.45
MW-52	722.94	1/10/2021	ND	33.58	N/A	689.36
MW-52	722.94	1/19/2021	ND	33.89	N/A	689.05
MW-52	722.94	1/25/2021	ND	33.83	N/A	689.11
MW-52	722.94	2/1/2021	ND	33.72	N/A	689.22
MW-52	722.94	2/8/2021	ND	34.31	N/A	688.63
MW-52	722.94	2/16/2021	ND	33.91	N/A	689.03

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-53	707.49	10/3/2020	ND	29.76	N/A	677.73
MW-53	707.49	10/19/2020	ND	25.59	N/A	681.90
MW-53	707.49	10/26/2020	ND	25.51	N/A	681.98
MW-53	707.49	11/9/2020	ND	25.40	N/A	682.09
MW-53	707.49	11/18/2020	ND	25.20	N/A	682.29
MW-53	707.49	11/23/2020	ND	25.07	N/A	682.42
MW-53	707.49	12/7/2020	ND	24.86	N/A	682.63
MW-53	707.49	12/21/2020	ND	24.78	N/A	682.71
MW-53	707.49	12/26/2020	ND	27.74	N/A	679.75
MW-53	707.49	1/10/2021	ND	24.70	N/A	682.79
MW-53	707.49	1/19/2021	ND	25.10	N/A	682.39
MW-53	707.49	1/25/2021	ND	25.27	N/A	682.22
MW-53	707.49	2/1/2021	ND	25.20	N/A	682.29
MW-53	707.49	2/8/2021	ND	25.36	N/A	682.13
MW-53	707.49	2/16/2021	ND	24.86	N/A	682.63
MW-54	707.97	10/3/2020	ND	25.60	N/A	682.37
MW-54	707.97	10/19/2020	ND	25.41	N/A	682.56
MW-54	707.97	10/26/2020	ND	25.35	N/A	682.62
MW-54	707.97	11/9/2020	ND	25.26	N/A	682.71
MW-54	707.97	11/18/2020	ND	25.16	N/A	682.81
MW-54	707.97	11/23/2020	ND	25.06	N/A	682.91
MW-54	707.97	12/7/2020	ND	24.79	N/A	683.18
MW-54	707.97	12/21/2020	ND	24.74	N/A	683.23
MW-54	707.97	12/26/2020	ND	24.74	N/A	683.23
MW-54	707.97	1/10/2021	ND	24.61	N/A	683.36
MW-54	707.97	1/19/2021	ND	24.96	N/A	683.01
MW-54	707.97	1/25/2021	ND	25.08	N/A	682.89
MW-54	707.97	2/1/2021	ND	25.08	N/A	682.89
MW-54	707.97	2/8/2021	ND	25.27	N/A	682.70
MW-54	707.97	2/16/2021	ND	24.82	N/A	683.15

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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-55	745.50	10/3/2020	ND	55.30	N/A	690.20
MW-55	745.50	10/19/2020	ND	53.23	N/A	692.27
MW-55	745.50	10/26/2020	ND	53.20	N/A	692.30
MW-55	745.50	11/9/2020	ND	53.28	N/A	692.22
MW-55	745.50	11/18/2020	ND	53.63	N/A	691.87
MW-55	745.50	11/23/2020	ND	53.29	N/A	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	NM	NM	NM	NM
MW-55	745.50	2/16/2021	NM	NM	NM	NM
MW-56	681.53	10/3/2020	ND	12.27	N/A	669.26
MW-56	681.53	10/19/2020	ND	11.86	N/A	669.67
MW-56	681.53	10/26/2020	ND	11.76	N/A	669.77
MW-56	681.53	11/9/2020	ND	11.36	N/A	670.17
MW-56	681.53	11/18/2020	ND	11.11	N/A	670.42
MW-56	681.53	11/23/2020	ND	10.95	N/A	670.58
MW-56	681.53	12/7/2020	ND	10.49	N/A	671.04
MW-56	681.53	12/21/2020	ND	10.16	N/A	671.37
MW-56	681.53	12/26/2020	ND	10.30	N/A	671.23
MW-56	681.53	1/10/2021	ND	10.04	N/A	671.49
MW-56	681.53	1/19/2021	ND	10.03	N/A	671.50
MW-56	681.53	1/25/2021	ND	9.82	N/A	671.71
MW-56	681.53	2/1/2021	ND	9.33	N/A	672.20
MW-56	681.53	2/8/2021	ND	9.68	N/A	671.85
MW-56	681.53	2/16/2021	ND	8.94	N/A	672.59

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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-57	687.07	10/3/2020	ND	13.71	N/A	673.36
MW-57	687.07	10/19/2020	ND	13.11	N/A	673.96
MW-57	687.07	10/26/2020	ND	13.05	N/A	674.02
MW-57	687.07	11/9/2020	ND	12.20	N/A	674.87
MW-57	687.07	11/18/2020	ND	12.25	N/A	674.82
MW-57	687.07	11/23/2020	ND	12.19	N/A	674.88
MW-57	687.07	12/7/2020	ND	11.64	N/A	675.43
MW-57	687.07	12/21/2020	ND	11.26	N/A	675.81
MW-57	687.07	12/26/2020	ND	11.20	N/A	675.87
MW-57	687.07	1/10/2021	ND	10.91	N/A	676.16
MW-57	687.07	1/19/2021	ND	10.96	N/A	676.11
MW-57	687.07	1/25/2021	ND	10.83	N/A	676.24
MW-57	687.07	2/1/2021	ND	10.21	N/A	676.86
MW-57	687.07	2/8/2021	ND	10.32	N/A	676.75
MW-57	687.07	2/16/2021	ND	9.53	N/A	677.54
MW-58	717.30	10/3/2020	ND	29.77	N/A	687.53
MW-58	717.30	10/19/2020	ND	29.78	N/A	687.52
MW-58	717.30	10/26/2020	ND	29.74	N/A	687.56
MW-58	717.30	11/9/2020	ND	29.60	N/A	687.70
MW-58	717.30	11/18/2020	ND	29.59	N/A	687.71
MW-58	717.30	11/23/2020	ND	29.54	N/A	687.76
MW-58	717.30	12/7/2020	ND	29.28	N/A	688.02
MW-58	717.30	12/21/2020	ND	29.23	N/A	688.07
MW-58	717.30	12/26/2020	ND	29.31	N/A	687.99
MW-58	717.30	1/10/2021	ND	29.09	N/A	688.21
MW-58	717.30	1/19/2021	ND	29.03	N/A	688.27
MW-58	717.30	1/25/2021	ND	28.88	N/A	688.42
MW-58	717.30	2/1/2021	ND	28.83	N/A	688.47
MW-58	717.30	2/8/2021	ND	28.99	N/A	688.31
MW-58	717.30	2/16/2021	ND	28.78	N/A	688.52

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-59	719.38	10/3/2020	ND	31.26	N/A	688.12
MW-59	719.38	10/19/2020	ND	31.19	N/A	688.19
MW-59	719.38	10/26/2020	ND	31.18	N/A	688.20
MW-59	719.38	10/28/2020	ND	33.18	N/A	686.20
MW-59	719.38	11/9/2020	ND	31.03	N/A	688.35
MW-59	719.38	11/18/2020	ND	31.05	N/A	688.33
MW-59	719.38	11/23/2020	ND	30.99	N/A	688.39
MW-59	719.38	12/7/2020	ND	30.76	N/A	688.62
MW-59	719.38	12/21/2020	ND	37.80	N/A	681.58
MW-59	719.38	12/26/2020	ND	30.83	N/A	688.55
MW-59	719.38	1/10/2021	ND	30.68	N/A	688.70
MW-59	719.38	1/19/2021	ND	30.70	N/A	688.68
MW-59	719.38	1/25/2021	ND	30.61	N/A	688.77
MW-59	719.38	2/1/2021	ND	30.57	N/A	688.81
MW-59	719.38	2/8/2021	ND	30.78	N/A	688.60
MW-59	719.38	2/16/2021	ND	30.55	N/A	688.83
MW-60	726.76	1/10/2020	ND	32.99	N/A	693.77
MW-60	726.76	10/8/2020	ND	33.60	N/A	693.16
MW-60	726.76	10/19/2020	ND	33.62	N/A	693.14
MW-60	726.76	10/26/2020	ND	33.58	N/A	693.18
MW-60	726.76	11/9/2020	ND	33.49	N/A	693.27
MW-60	726.76	11/18/2020	ND	33.48	N/A	693.28
MW-60	726.76	11/23/2020	ND	33.33	N/A	693.43
MW-60	726.76	12/7/2020	ND	33.11	N/A	693.65
MW-60	726.76	12/21/2020	ND	33.07	N/A	693.69
MW-60	726.76	12/26/2020	ND	33.08	N/A	693.68
MW-60	726.76	1/19/2021	ND	32.90	N/A	693.86
MW-60	726.76	1/25/2021	ND	32.62	N/A	694.14
MW-60	726.76	2/1/2021	ND	32.64	N/A	694.12
MW-60	726.76	2/8/2021	ND	32.78	N/A	693.98
MW-60	726.76	2/16/2021	ND	32.58	N/A	694.18

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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)
MW-61	746.57	11/9/2020	ND	52.13	N/A	694.44
MW-61	746.57	11/18/2020	ND	NM	N/A	NM
MW-61	746.57	11/23/2020	ND	54.01	N/A	692.56
MW-61	746.57	12/7/2020	ND	54.29	N/A	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	694.12
MW-61	746.57	2/8/2021	NM	NM	NM	NM
MW-61	746.57	2/16/2021	NM	NM	NM	NM
MW-62	NM	11/23/2020	NM	NM	NM	NM
MW-62	NM	12/7/2020	ND	36.95	N/A	NM
MW-62	NM	12/21/2020	ND	36.91	N/A	NM
MW-62	NM	12/26/2020	ND	36.98	N/A	NM
MW-62	NM	1/10/2021	ND	36.85	N/A	NM
MW-62	NM	1/19/2021	ND	36.76	N/A	NM
MW-62	NM	1/25/2021	ND	36.54	N/A	NM
MW-62	NM	2/1/2021	ND	36.54	N/A	NM
MW-62	NM	2/8/2021	ND	36.61	N/A	NM
MW-62	NM	2/16/2021	ND	36.45	N/A	NM
MW-63	NM	11/23/2020	ND	39.44	N/A	NM
MW-63	NM	12/7/2020	ND	39.37	N/A	NM
MW-63	NM	12/21/2020	ND	39.70	N/A	NM
MW-63	NM	12/26/2020	ND	39.69	N/A	NM
MW-63	NM	1/10/2021	ND	39.95	N/A	NM
MW-63	NM	1/19/2021	ND	40.83	N/A	NM
MW-63	NM	1/25/2021	ND	40.88	N/A	NM
MW-63	NM	2/1/2021	ND	40.82	N/A	NM
MW-63	NM	2/8/2021	ND	41.24	N/A	NM
MW-63	NM	2/16/2021	ND	40.90	N/A	NM
MW-64	730.39	12/26/2020	ND	38.24	N/A	692.59
MW-64	730.39	1/10/2021	ND	38.30	N/A	692.53
MW-64	730.39	1/19/2021	ND	38.24	N/A	692.59
MW-64	730.39	1/25/2021	ND	38.18	N/A	692.65
MW-64	730.39	2/1/2021	ND	38.24	N/A	692.15
MW-64	730.39	2/8/2021	ND	38.39	N/A	692.00
MW-64	730.39	2/16/2021	ND	38.19	N/A	692.20

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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-65	714.46	12/26/2020	ND	23.38	N/A	691.08
MW-65	714.46	1/10/2021	ND	23.17	N/A	691.29
MW-65	714.46	1/19/2021	ND	23.11	N/A	691.35
MW-65	714.46	1/25/2021	ND	23.08	N/A	691.38
MW-65	714.46	2/1/2021	ND	23.06	N/A	691.40
MW-65	714.46	2/8/2021	ND	23.08	N/A	691.38
MW-65	714.46	2/16/2021	ND	22.89	N/A	691.57
MW-66	731.43	12/26/2020	ND	40.59	N/A	690.84
MW-66	731.43	1/10/2021	ND	38.40	N/A	693.03
MW-66	731.43	1/19/2021	ND	38.36	N/A	693.07
MW-66	731.43	1/25/2021	ND	28.38	N/A	703.05
MW-66	731.43	2/1/2021	ND	38.48	N/A	692.95
MW-66	731.43	2/8/2021	ND	38.69	N/A	692.74
MW-66	731.43	2/16/2021	ND	38.49	N/A	692.94
MW-67	724.32	12/26/2020	ND	32.06	N/A	692.26
MW-67	724.32	1/10/2021	ND	30.96	N/A	693.36
MW-67	724.32	1/19/2021	ND	30.93	N/A	693.39
MW-67	724.32	1/25/2021	ND	30.93	N/A	693.39
MW-67	724.32	2/1/2021	ND	31.02	N/A	693.30
MW-67	724.32	2/8/2021	ND	31.20	N/A	693.12
MW-67	724.32	2/16/2021	ND	31.06	N/A	693.26
MW-68	731.84	12/26/2020	ND	38.03	N/A	693.81
MW-68	731.84	1/10/2021	ND	38.12	N/A	693.72
MW-68	731.84	1/19/2021	ND	38.09	N/A	693.75
MW-68	731.84	1/25/2021	ND	28.22	N/A	703.62
MW-68	731.84	2/1/2021	ND	38.28	N/A	693.56
MW-68	731.84	2/8/2021	ND	38.55	N/A	693.29
MW-68	731.84	2/16/2021	ND	38.38	N/A	693.46
MW-69	741.74	12/26/2020	ND	49.96	N/A	691.78
MW-69	741.74	1/10/2021	ND	49.70	N/A	692.04
MW-69	741.74	1/19/2021	ND	50.19	N/A	691.55
MW-69	741.74	1/25/2021	ND	50.17	N/A	691.57
MW-69	741.74	2/1/2021	ND	50.18	N/A	691.56
MW-69	741.74	2/8/2021	ND	50.44	N/A	691.30
MW-69	741.74	2/16/2021	ND	50.12	N/A	691.62

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
MW-70	728.08	12/26/2020	ND	35.82	N/A	692.26
MW-70	728.08	1/10/2021	ND	35.83	N/A	692.25
MW-70	728.08	1/19/2021	ND	35.86	N/A	692.22
MW-70	728.08	1/25/2021	ND	35.82	N/A	692.26
MW-70	728.08	2/1/2021	ND	35.85	N/A	692.23
MW-70	728.08	2/8/2021	ND	36.01	N/A	692.07
MW-70	728.08	2/16/2021	ND	35.82	N/A	692.26
MW-71	746.97	1/19/2021	ND	52.15	N/A	694.82
MW-71	746.97	1/25/2021	ND	55.34	N/A	691.63
MW-71	746.97	2/1/2021	ND	55.33	N/A	691.64
MW-71	746.97	2/8/2021	ND	55.61	N/A	691.36
MW-71	746.97	2/16/2021	ND	55.31	N/A	691.66
MW-72	734.81	1/19/2021	ND	43.87	N/A	690.94
MW-72	734.81	1/25/2021	ND	45.33	N/A	689.48
MW-72	734.81	2/1/2021	ND	45.43	N/A	689.38
MW-72	734.81	2/8/2021	ND	45.64	N/A	689.17
MW-72	734.81	2/16/2021	ND	45.53	N/A	689.28
MW-73	726.44	1/25/2021	ND	32.67	N/A	693.77
MW-73	726.44	2/1/2021	ND	32.68	N/A	693.76
MW-73	726.44	2/8/2021	ND	32.75	N/A	693.69
MW-73	726.44	2/16/2021	ND	32.54	N/A	693.90
MW-74	730.05	2/16/2021	ND	20.72	N/A	709.33
MW-75	713.48	2/16/2021	ND	37.92	N/A	675.56
MW-76	723.94	2/16/2021	ND	29.60	N/A	694.34

Table 2
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)
Deep Monitoring Wells						
MW-07D	711.73	12/21/2020	ND	29.38	N/A	682.35
MW-07D	711.73	12/26/2020	ND	29.37	N/A	682.36
MW-07D	711.73	1/10/2021	ARP	ARP	ARP	ARP
MW-07D	711.73	1/19/2021	ND	29.83	N/A	681.90
MW-07D	711.73	1/25/2021	ND	29.76	N/A	681.97
MW-07D	711.73	2/1/2021	ND	29.82	N/A	681.91
MW-07D	711.73	2/8/2021	ND	29.94	N/A	681.79
MW-07D	711.73	2/16/2021	ND	29.66	N/A	682.07
MW-25D	733.05	12/26/2020	ND	46.90	N/A	686.15
MW-25D	733.05	1/10/2021	ND	47.10	N/A	685.95
MW-25D	733.05	1/19/2021	ND	47.93	N/A	685.12
MW-25D	733.05	1/25/2021	ND	47.80	N/A	685.25
MW-25D	733.05	2/1/2021	ND	47.69	N/A	685.36
MW-25D	733.05	2/8/2021	ND	48.05	N/A	685.00
MW-25D	733.05	2/16/2021	ND	47.82	N/A	685.23
MW-36D	710.81	12/7/2020	ND	24.81	N/A	686.00
MW-36D	710.81	12/21/2020	ND	24.46	N/A	686.35
MW-36D	710.81	12/26/2020	ND	24.49	N/A	686.32
MW-36D	710.81	1/19/2021	ND	24.14	N/A	686.67
MW-36D	710.81	1/25/2021	ND	34.19	N/A	676.62
MW-36D	710.81	2/1/2021	ND	24.21	N/A	686.60
MW-36D	710.81	2/8/2021	ND	24.12	N/A	686.69
MW-36D	710.81	2/16/2021	ND	23.93	N/A	686.88
MW-57D	686.44	12/7/2020	ND	11.25	N/A	675.19
MW-57D	686.44	12/21/2020	ND	10.87	N/A	675.57
MW-57D	686.44	12/26/2020	ND	10.82	N/A	675.62
MW-57D	686.44	1/10/2021	ND	10.56	N/A	675.88
MW-57D	686.44	1/19/2021	ND	10.73	N/A	675.71
MW-57D	686.44	1/25/2021	ND	10.74	N/A	675.70
MW-57D	686.44	2/1/2021	ND	10.17	N/A	676.27
MW-57D	686.44	2/8/2021	ND	10.16	N/A	676.28
MW-57D	686.44	2/16/2021	ND	9.49	N/A	676.95

Table 2
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-59D	720.98	12/7/2020	ND	60.12	N/A	660.86
MW-59D	720.98	12/21/2020	ND	35.43	N/A	685.55
MW-59D	720.98	12/26/2020	ND	34.71	N/A	686.27
MW-59D	720.98	1/10/2021	ND	38.82	N/A	682.16
MW-59D	720.98	1/19/2021	ND	34.70	N/A	686.28
MW-59D	720.98	1/25/2021	ND	34.36	N/A	686.62
MW-59D	720.98	2/1/2021	ND	34.04	N/A	686.94
MW-59D	720.98	2/8/2021	ND	33.93	N/A	687.05
MW-59D	720.98	2/16/2021	ND	36.06	N/A	684.92
MW-61D	745.40	11/23/2020	ND	NM	N/A	NM
MW-61D	745.40	12/7/2020	ND	53.30	N/A	692.10
MW-61D	745.40	12/21/2020	ND	53.50	N/A	691.90
MW-61D	745.40	12/26/2020	ND	53.56	N/A	691.84
MW-61D	745.40	1/10/2021	ND	53.83	N/A	691.57
MW-61D	745.50	1/19/2021	ND	53.94	N/A	691.56
MW-61D	745.50	1/25/2021	ND	59.88	N/A	685.62
MW-61D	745.50	2/1/2021	ND	53.86	N/A	691.64
MW-61D	745.50	2/8/2021	ND	54.21	N/A	691.29
MW-61D	745.50	2/16/2021	ND	53.91	N/A	691.59
MW-62D	729.92	1/19/2020	ND	54.22	N/A	675.70
MW-62D	729.92	12/7/2020	ND	54.99	N/A	674.93
MW-62D	729.92	12/21/2020	ND	54.05	N/A	675.87
MW-62D	729.92	12/26/2020	ND	54.19	N/A	675.73
MW-62D	729.92	1/10/2021	ND	54.07	N/A	675.85
MW-62D	729.92	1/25/2021	ND	54.00	N/A	675.92
MW-62D	729.92	2/1/2021	ND	54.15	N/A	675.77
MW-62D	729.92	2/8/2021	ND	53.62	N/A	676.30
MW-62D	729.92	2/16/2021	ND	53.76	N/A	676.16

Table 2
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-65D	714.15	12/26/2020	ND	23.15	N/A	691.00
MW-65D	714.15	1/10/2021	ND	22.93	N/A	691.22
MW-65D	714.15	1/19/2021	ND	22.95	N/A	691.20
MW-65D	714.15	2/1/2021	ND	22.76	N/A	691.39
MW-65D	714.15	2/8/2021	ND	22.89	N/A	691.26
MW-65D	714.15	2/16/2021	ND	22.62	N/A	691.53

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)

* = Initial monitoring well Top Of Casing surveyed prior to final well completion.

** = MW-23 re-installed.

Table 3
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-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	N/A	699.86
RW-02	731.66	12/26/2020	ND	37.81	N/A	693.85
RW-02	731.66	2/1/2021	ND	33.39	N/A	698.27

Table 3
Summary of Recovery Well Gauging Data

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

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-03	731.51	9/1/2020	34.15	37.55	3.40	696.45
RW-03	731.51	9/3/2020	37.20	37.26	0.06	694.30
RW-03	731.51	9/5/2020	35.50	37.44	1.94	695.49
RW-03	731.51	9/8/2020	34.80	35.95	1.15	696.40
RW-03	731.51	9/9/2020	33.95	38.80	4.85	696.26
RW-03	731.51	9/11/2020	34.92	36.60	1.68	696.14
RW-03	731.51	9/12/2020	34.85	36.35	1.50	696.26
RW-03	731.51	9/14/2020	33.91	36.97	3.06	696.78
RW-03	731.51	9/18/2020	34.20	37.10	2.90	696.54
RW-03	731.51	9/28/2020	33.85	37.55	3.70	696.67
RW-03	731.51	10/2/2020	34.72	38.17	3.45	695.87
RW-03	731.51	10/6/2020	33.55	38.80	5.25	696.56
RW-03	731.51	10/19/2020	33.00	38.89	5.89	696.94
RW-03	731.51	11/9/2020	33.31	38.84	5.53	696.72
RW-03	731.51	12/26/2020	31.85	36.45	4.60	698.43
RW-03	731.51	2/1/2021	31.66	36.52	4.86	698.55
RW-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

Table 3
Summary of Recovery Well Gauging Data

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

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-05	726.29	9/1/2020	27.00	32.55	5.55	697.81
RW-05	726.29	9/3/2020	*31.65*	*36.65*	5.00	693.30
RW-05	726.29	9/5/2020	*26.75*	*33.31*	6.56	697.79
RW-05	726.29	9/8/2020	26.04	33.30	7.26	698.31
RW-05	726.29	9/11/2020	26.60	31.60	5.00	698.35
RW-05	726.29	9/12/2020	27.15	29.60	2.45	698.49
RW-05	726.29	9/14/2020	26.80	29.92	3.12	698.66
RW-05	726.29	9/18/2020	27.70	28.80	1.10	698.30
RW-05	726.29	9/28/2020	27.60	29.35	1.75	698.22
RW-05	726.29	10/2/2020	27.30	31.30	4.00	697.92
RW-05	726.29	10/5/2020	27.13	32.00	4.87	697.86
RW-05	726.29	10/19/2020	25.90	36.76	10.86	697.48
RW-05	726.29	11/9/2020	26.95	35.93	8.98	696.94
RW-05	726.29	11/23/2020	27.40	30.30	2.90	698.11
RW-05	726.29	12/26/2020	29.70	32.30	2.60	695.90
RW-05	726.29	2/1/2021	29.81	31.90	2.09	695.92
RW-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

Table 3
Summary of Recovery Well Gauging Data

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

Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-07	726.92	9/5/2020	34.20	41.55	7.35	690.75
RW-07	726.92	9/8/2020	33.70	46.00	12.30	689.92
RW-07	726.92	9/9/2020	37.45	40.82	3.37	688.56
RW-07	726.92	9/10/2020	36.40	39.90	3.50	689.58
RW-07	726.92	9/12/2020	33.52	45.60	12.08	690.16
RW-07	726.92	9/14/2020	34.01	40.09	6.08	691.28
RW-07	726.92	9/18/2020	36.50	42.30	5.80	688.86
RW-07	726.92	9/28/2020	32.50	45.30	12.80	690.99
RW-07	726.92	10/2/2020	33.52	40.95	7.43	691.41
RW-07	726.92	10/6/2020	33.50	42.83	9.33	690.92
RW-07	726.92	10/19/2020	32.80	46.13	13.33	690.55
RW-07	726.92	11/9/2020	33.30	46.20	12.90	690.16
RW-07	726.92	11/23/2020	33.40	45.70	12.30	690.22
RW-07	726.92	10/21/2020	32.80	46.13	13.33	690.55
RW-07	726.92	12/26/2020	31.87	33.51	1.64	694.61
RW-07	726.92	2/1/2021	33.56	39.93	6.37	691.65
RW-08	730.40	9/6/2020	ND	38.36	N/A	692.04
RW-08	730.40	9/8/2020	ND	38.32	N/A	692.08
RW-08	730.40	9/14/2020	ND	31.89	N/A	698.51
RW-08	730.40	10/9/2020	ND	31.66	N/A	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	N/A	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	N/A	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	ND	Dry	N/A	Dry
RW-08	730.40	2/8/2021	35.19	Dry	N/A	Dry
RW-08	730.40	2/16/2021	35.44	36.01	0.57	694.81

Table 3
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-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-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	N/A	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	N/A	703.82
RW-10	734.38	2/1/2021	ND	30.57	N/A	703.81

Table 3
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-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	34.00	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-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-13	732.30	9/5/2020	ND	24.90	N/A	707.40
RW-13	732.30	9/6/2020	ND	26.54	N/A	705.76
RW-13	732.30	9/8/2020	ND	27.05	N/A	705.25
RW-13	732.30	9/14/2020	ND	27.93	N/A	704.37
RW-13	732.30	10/9/2020	ND	28.34	N/A	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	N/A	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	N/A	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

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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-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-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	N/A	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	N/A	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

Table 3
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-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-17	729.57	9/6/2020	ND	19.94	N/A	709.63
RW-17	729.57	9/8/2020	ND	27.05	N/A	702.52
RW-17	729.57	9/14/2020	ND	20.05	N/A	709.52
RW-17	729.57	9/28/2020	ND	20.04	N/A	709.53
RW-17	729.57	10/9/2020	ND	20.06	N/A	709.51
RW-17	729.57	10/19/2020	ND	20.06	N/A	709.51
RW-17	729.57	11/9/2020	ND	20.09	N/A	709.48
RW-17	729.57	11/23/2020	ND	20.09	N/A	709.48
RW-17	729.57	12/26/2020	ND	20.11	N/A	709.46
RW-17	729.57	1/25/2021	ND	20.08	N/A	709.49
RW-17	729.57	2/1/2021	ND	Dry	N/A	Dry
RW-17	729.57	2/8/2021	ND	20.08	N/A	709.49
RW-17	729.57	2/16/2021	ND	20.08	N/A	709.49
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

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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	N/A	689.22
RW-19	722.02	9/14/2020	ND	32.74	N/A	689.28
RW-19	722.02	9/28/2020	ND	32.92	N/A	689.10
RW-19	722.02	10/9/2020	ND	33.23	N/A	688.79
RW-19	722.02	10/19/2020	ND	33.28	N/A	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	N/A	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-20	731.69	9/8/2020	ND	28.75	N/A	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-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

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)
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-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-24	734.33	9/11/2020	35.83	35.85	0.02	698.49
RW-24	734.33	9/12/2020	ND	36.00	N/A	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	N/A	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

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
RW-25	724.92	9/13/2020	33.75	37.21	3.46	690.24
RW-25	724.92	9/14/2020	33.08	38.85	5.77	690.29
RW-25	724.92	9/18/2020	34.88	35.80	0.92	689.79
RW-25	724.92	9/28/2020	34.86	35.90	1.04	689.78
RW-25	724.92	10/2/2020	34.90	36.55	1.65	689.57
RW-25	724.92	10/6/2020	34.90	36.40	1.50	689.61
RW-25	724.92	10/19/2020	33.83	39.91	6.08	689.46
RW-25	724.92	11/9/2020	34.45	38.55	4.10	689.37
RW-25	724.92	11/23/2020	34.58	38.10	3.52	689.39
RW-25	724.92	12/26/2020	31.30	36.50	5.20	692.22
RW-25	724.92	2/1/2021	31.7	35.11	3.41	692.30
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	28.3	28.66	0.36	700.89
RW-27	722.46	9/13/2020	ND	35.08	N/A	687.38
RW-27	722.46	9/14/2020	ND	35.09	N/A	687.37
RW-27	722.46	9/18/2020	ND	35.20	N/A	687.26
RW-27	722.46	10/9/2020	ND	35.23	N/A	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

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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-28	733.88	9/11/2020	38.13	39.31	1.18	695.43
RW-28	733.88	9/12/2020	ND	37.12	N/A	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-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	ND	Dry	N/A	Dry
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-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

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Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
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-33	716.59	9/28/2020	ND	31.60	N/A	684.99
RW-33	716.59	10/9/2020	ND	30.88	N/A	685.71
RW-33	716.59	10/19/2020	ND	30.90	N/A	685.69
RW-33	716.59	11/9/2020	ND	31.24	N/A	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-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-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-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

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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-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-39	721.77	10/8/2020	ND	32.44	N/A	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	N/A	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-40	722.94	10/8/2020	ND	33.34	N/A	689.60
RW-40	722.94	10/19/2020	ND	33.50	N/A	689.44
RW-40	722.94	11/9/2020	ND	33.42	N/A	689.52
RW-40	722.94	11/23/2020	ND	32.57	N/A	690.37
RW-40	722.94	12/26/2020	ND	33.30	N/A	689.64
RW-40	722.94	1/19/2021	ND	33.76	N/A	689.18
RW-40	722.94	1/25/2021	ND	33.69	N/A	689.25
RW-40	722.94	2/1/2021	ND	33.47	N/A	689.47
RW-40	722.94	2/8/2021	ND	34.11	N/A	688.83
RW-40	722.94	2/16/2021	ND	33.72	N/A	689.22
RW-41	735.51	11/23/2020	ND	Dry	N/A	Dry
RW-41	735.51	12/26/2020	ND	Dry	N/A	Dry
RW-41	735.51	2/1/2021	ND	Dry	N/A	Dry
RW-42	733.80	11/23/2020	ND	Dry	N/A	Dry
RW-42	733.80	12/26/2020	ND	Dry	N/A	Dry
RW-42	733.80	1/25/2021	ND	Dry	N/A	Dry
RW-42	733.80	2/1/2021	ND	Dry	N/A	Dry
RW-42	733.80	2/8/2021	ND	Dry	N/A	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	N/A	699.14
RW-43	737.70	2/1/2021	39.02	41.50	2.48	698.02
RW-44	738.21	11/23/2020	ND	Dry	N/A	Dry
RW-44	738.21	12/26/2020	ND	Dry	N/A	Dry
RW-44	738.21	1/19/2021	ND	Dry	N/A	Dry
RW-44	738.21	1/25/2021	ND	Dry	N/A	Dry
RW-44	738.21	2/1/2021	ND	Dry	N/A	Dry
RW-44	738.21	2/8/2021	ND	Dry	N/A	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-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	ND	Dry	N/A	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-47	725.40	12/26/2020	27.60	40.80	13.20	694.27
RW-47	725.40	2/1/2021	29.94	35.94	6.00	693.85
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-49*	NM	2/1/2021	36.13	37.90	1.77	NM
RW-50*	NM	2/1/2021	40.40	40.89	0.49	NM
RW-51*	NM	2/1/2021	40.18	42.23	2.05	NM
RW-52*	NM	2/1/2021	28.96	35.10	6.14	NM
RW-53*	NM	2/1/2021	27.42	30.00	2.58	NM
RW-54*	NM	2/1/2021	29.96	43.34	13.38	NM
RW-55*	NM	1/25/2021	27.15	35.11	7.96	NM
RW-55*	NM	2/1/2021	26.91	35.48	8.57	NM
RW-55*	NM	2/8/2021	ARP	ARP	ARP	NM
RW-56*	NM	1/25/2021	31.85	31.86	0.01	NM
RW-56*	NM	2/1/2021	31.76	31.91	0.15	NM
RW-56*	NM	2/8/2021	ARP	ARP	ARP	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)
Hydraulic Control Wells						
HCW-01	742.48	1/19/2021	ND	50.90	N/A	691.58
HCW-01	742.48	1/25/2021	ND	50.86	N/A	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-02	744.96	1/19/2021	ND	53.12	N/A	691.84
HCW-02	744.96	1/25/2021	ND	53.12	N/A	691.84
HCW-02	744.96	2/1/2021	ND	53.03	N/A	691.93
HCW-02	744.96	2/8/2021	ND	53.39	N/A	691.57
HCW-02	744.96	2/16/2021	ND	53.09	N/A	691.87
HCW-03	745.48	1/19/2021	ND	53.85	N/A	691.63
HCW-03	745.48	1/25/2021	ND	53.78	N/A	691.70
HCW-03	745.48	2/1/2021	ND	53.72	N/A	691.76
HCW-03	745.48	2/8/2021	ND	54.08	N/A	691.40
HCW-03	745.48	2/16/2021	ND	53.29	N/A	692.19
HCW-04	746.00	1/19/2021	ND	54.43	N/A	691.57
HCW-04	746.00	1/25/2021	ND	54.39	N/A	691.61
HCW-04	746.00	2/1/2021	ND	54.29	N/A	691.71
HCW-04	746.00	2/8/2021	ND	54.64	N/A	691.36
HCW-04	746.00	2/16/2021	ND	54.34	N/A	691.66
HCW-05	743.82	1/19/2021	ND	52.22	N/A	691.60
HCW-05	743.82	1/25/2021	ND	52.18	N/A	691.64
HCW-05	743.82	2/1/2021	ND	52.07	N/A	691.75
HCW-05	743.82	2/8/2021	ND	52.44	N/A	691.38
HCW-05	743.82	2/16/2021	ND	52.12	N/A	691.70
HCW-06	743.70	1/19/2021	ND	52.10	N/A	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-07	742.86	1/19/2021	ND	51.23	N/A	691.63
HCW-07	742.86	1/25/2021	ND	51.13	N/A	691.73
HCW-07	742.86	2/1/2021	ND	51.00	N/A	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-08	742.96	1/19/2021	ND	51.42	N/A	691.54
HCW-08	742.96	1/25/2021	ND	51.20	N/A	691.76
HCW-08	742.96	2/1/2021	ND	51.07	N/A	691.89
HCW-08	742.96	2/8/2021	ND	51.54	N/A	691.42
HCW-08	742.96	2/16/2021	ND	51.16	N/A	691.80

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
HCW-09	744.49	1/19/2021	ND	52.70	N/A	691.79
HCW-09	744.49	1/25/2021	ND	52.50	N/A	691.99
HCW-09	744.49	2/1/2021	ND	52.36	N/A	692.13
HCW-09	744.49	2/8/2021	ND	53.03	N/A	691.46
HCW-09	744.49	2/16/2021	ND	52.66	N/A	691.83
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-11	741.26	1/19/2021	ND	49.32	N/A	691.94
HCW-11	741.26	1/25/2021	ND	48.45	N/A	692.81
HCW-11	741.26	2/1/2021	ND	48.30	N/A	692.96
HCW-11	741.26	2/8/2021	ND	49.65	N/A	691.61
HCW-11	741.26	2/16/2021	ND	49.43	N/A	691.83
HCW-12	740.75	1/19/2021	ND	23.93	N/A	716.82
HCW-12	740.75	1/25/2021	ND	43.24	N/A	697.51
HCW-12	740.75	2/1/2021	ND	Dry	N/A	Dry
HCW-12	740.75	2/8/2021	ND	Dry	N/A	Dry
HCW-12	740.75	2/16/2021	ND	47.86	N/A	692.89
HCW-13	741.53	1/25/2021	ND	46.81	N/A	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-14	738.67	1/25/2021	ND	43.07	N/A	695.60
HCW-14	738.67	2/1/2021	ND	43.83	N/A	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-15	NM	1/25/2021	ND	40.88	N/A	NM
HCW-15	NM	2/1/2021	ND	41.62	N/A	NM
HCW-15	NM	2/8/2021	42.15	42.25	0.10	NM
HCW-15	NM	2/16/2021	39.13	51.43	12.30	NM
HCW-16	NM	1/25/2021	39.28	39.77	0.49	NM
HCW-16	NM	2/1/2021	39.38	40.96	1.58	NM
HCW-16	NM	2/8/2021	38.85	41.05	2.20	NM
HCW-16	NM	2/16/2021	38.69	41.09	2.40	NM
HCW-17	NM	1/25/2021	ND	34.90	N/A	NM
HCW-17	NM	2/1/2021	ND	36.49	N/A	NM
HCW-17	NM	2/8/2021	ND	36.49	N/A	NM
HCW-17	NM	2/16/2021	ND	36.48	N/A	NM

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Well ID	Top Of Casing Elevation[1]	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation[2] (ft btoc)
HCW-18	NM	1/25/2021	ND	34.58	N/A	NM
HCW-18	NM	2/1/2021	ND	31.97	N/A	NM
HCW-18	NM	2/8/2021	ND	31.98	N/A	NM
HCW-18	NM	2/16/2021	ND	31.99	N/A	NM
HCW-19	NM	1/25/2021	ND	34.10	N/A	NM
HCW-19	NM	2/1/2021	ND	34.22	N/A	NM
HCW-19	NM	2/8/2021	34.60	34.61	0.01	NM
HCW-19	NM	2/16/2021	34.43	34.44	0.01	NM
HCW-20	NM	1/25/2021	ND	34.34	N/A	NM
HCW-20	NM	2/1/2021	ND	34.33	N/A	NM
HCW-20	NM	2/8/2021	ND	34.82	N/A	NM
HCW-20	NM	2/16/2021	ND	34.59	N/A	NM
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	N/A	696.22
HCW-22	731.67	1/19/2021	ND	36.66	N/A	695.01
HCW-22	731.67	1/25/2021	ND	36.78	N/A	694.89
HCW-22	731.67	2/1/2021	ND	36.78	N/A	694.89
HCW-22	731.67	2/8/2021	ND	37.08	N/A	694.59
HCW-22	731.67	2/16/2021	ND	37.25	N/A	694.42
HCW-23	NM	2/8/2021	ND	50.86	N/A	NM
HCW-23	NM	2/16/2021	ND	50.62	N/A	NM
HCW-24	NM	2/8/2021	ND	49.37	N/A	NM
HCW-24	NM	2/16/2021	ND	49.15	N/A	NM
HCW-25	NM	2/16/2021	32.79	33.94	1.15	NM
HCW-26	NM	2/16/2021	ND	34.17	N/A	NM
HCW-27	NM	2/16/2021	ND	33.94	N/A	NM

Table 3
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-01	NM	2/16/2021	ND	29.89	N/A	NM
NHCW-02	NM	2/16/2021	ND	30.05	N/A	NM
NHCW-03	NM	2/16/2021	ND	28.57	N/A	NM
NHCW-04	NM	2/16/2021	ND	22.23	N/A	NM
NHCW-05	NM	2/16/2021	ND	26.51	N/A	NM
NHCW-06	NM	2/16/2021	ND	26.23	N/A	NM
NHCW-07	NM	2/16/2021	ND	25.48	N/A	NM
NHCW-08	NM	2/16/2021	ND	24.34	N/A	NM
NHCW-09	NM	2/16/2021	ND	23.89	N/A	NM
NHCW-10	NM	2/16/2021	ND	26.85	N/A	NM
NHCW-11	NM	2/16/2021	ND	23.12	N/A	NM
NHCW-19	NM	2/16/2021	ND	24.04	N/A	NM
NHCW-20	NM	2/16/2021	ND	26.37	N/A	NM
NHCW-21	NM	2/16/2021	ND	31.29	N/A	NM
NHCW-22	NM	2/16/2021	ND	29.58	N/A	NM
NHCW-23	NM	2/16/2021	ND	31.68	N/A	NM
NHCW-24	NM	2/16/2021	ND	34.91	N/A	NM
NHCW-25	NM	2/16/2021	ND	36.40	N/A	NM
NHCW-26	NM	2/16/2021	ND	37.23	N/A	NM
NHCW-27	NM	2/16/2021	NM	NM	NM	NM
NHCW-28	NM	2/16/2021	ND	38.22	N/A	NM
NHCW-29	NM	2/16/2021	NM	NM	NM	NM

Notes:
ft btoc = Feet Below Top of Casing
N/A = Not Applicable
RW = Recovery Well
HCW = Hydraulic Control Well
NCHW = North Hydraulic Control Well
ND = No free product was detected in well
NW = No water measured; well contained product only.
Dry = Well was dry; no free product or water detected in well
* = Recovery wells RW-49 through RW-56 will be resurveyed next month to confirm elevation data.
ARP = Active Recovery Pump in Well
[1] = Elevations surveyed in feet using the NAVD88 vertical datum.
[2] = Corrected Groundwater Elevation = (Top of Casing - Depth to Water) + (Free Product Thickness x 0.7324)

Table 4
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	Vinyl chloride	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**	**400**	**20**	**6**	**70**	**0.7**	**600**	**400**	**400**	**0.03**	**500**		**400**	**NE**	**NE**	**NE**
IMAC Standards				**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
Shallow Monitoring Wells																													
92493062	MW-1_20200828	MW-01	08/28/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92501616	MW-1_20201021	MW-01	10/21/2020	**50.8**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92508536	MW-01_20201130	MW-01	11/30/2020	**43.9**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92514598	MW-1_20210104	MW-01	01/04/2021	**15**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92521237	MW-1_20210209	MW-01	02/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92493062	MW-2_20200828	MW-02	08/28/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92501616	MW-2_20201021	MW-02	10/21/2020	**19.2**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92508536	MW-02_20201130	MW-02	11/30/2020	**20.8**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92514598	MW-2_20210104	MW-02	01/04/2021	**12.1**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92520901	MW-2_20210208	MW-02	02/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92493062	MW-3_20200828	MW-03	08/28/2020	<10	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92501860	MW-3_20201022	MW-03	10/22/2020	**9.9**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92508536	MW-3_20201130	MW-03	11/30/2020	**13.7**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92514598	MW-3_20210104	MW-03	01/04/2021	**18.5**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92520901	MW-03_20210208	MW-03	2/8/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92493708	MW-4_20200902	MW-04	09/02/2020	<25	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92501616	MW-4_20201021	MW-04	10/21/2020	**19.4**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92508536	MW-04_20201130	MW-04	11/30/2020	**16.3**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92514598	MW-4_20210104	MW-04	01/04/2021	**14.6**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92520901	MW-4_20210208	MW-04	02/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92493708	MW-5_20200902	MW-05	09/02/2020	<25	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92501616	MW-5_20201021	MW-05	10/21/2020	**19.6**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92508536	MW-05_20201130	MW-05	11/30/2020	**13.3**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92514598	MW-05_20210104	MW-05	01/04/2021	**46**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92521237	MW-5_20210209	MW-05	02/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92493708	MW-7_20200902	MW-07	09/02/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92501960	MW-7_20201023	MW-07	10/23/2020	**73.1**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	**1**	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92508536	MW-7_20201130	MW-07	11/30/2020	**35.3**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92514598	MW-7_20210104	MW-07	01/04/2021	**78**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<1	**7.4**	**5.3**	<100	<100	<100	**182**
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	**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	<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	<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	<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	<1	<0.5	<100	<100	<100	<100

Table 4
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	Vinyl chloride	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**	**400**	**20**	**6**	**70**	**0.7**	**600**	**400**	**400**	**0.03**	**500**		**400**	**NE**	**NE**	**NE**
IMAC Standards				**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
92522126	MW-8_20210212	MW-08	2/12/2021	<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	<1	<0.5	<100	<100	<100	<100
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	<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	<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	<1	<0.5	<100	<100	<100	<100
92508536	MW-09_20201130	MW-09	11/30/2020	**7.2**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92514598	MW-9_20210104	MW-09	01/04/2021	**5.1**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92521237	MW-9_20210209	MW-09	02/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92493864	MW-11_20200903	MW-11	09/03/2020	<5	<0.5	**2.1**	<0.5	<1	**18.3**	<1	<0.5	**3.7**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	**4.1**	**1.2**	**1**	<0.5	<1	**1.8**	**0.75**	<100	<100	<100	<100
92495244	MW-11_20200913	MW-11	09/13/2020	<5	<0.5	<0.5	<0.5	<1	**6.3**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	**1.9**	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92501344	MW-11_20201020	MW-11	10/20/2020	**17.8**	**1740**	<20	<20	<40	<20	<40	<20	<20	**172**	**286**	<20	**99.8**	**29.5**	<80	<20	<20	**4370**	**265**	<20	<40	**1110**	**645**	**16700**	**4580**	**1370**	**5950**
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	<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	<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	<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	<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	<1	<0.5	<100	<100	<100	<100
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	<1	**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	<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	<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	<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	<1	<0.5	<100	<100	<100	<100
92522126	MW-13_20210212	MW-13	2/12/2021	<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	<1	<0.5	<100	<100	<100	<100
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	<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	<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	<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	<1	<0.5	<100	<100	<100	<100
92522126	MW-14_20210212	MW-14	2/12/2021	<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	<1	<0.5	<100	<100	<100	<100
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	<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	<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	<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	<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	<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	<1	<0.5	<100	<100	<100	<100
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	<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	<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	<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	<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	<1	<0.5	<100	<100	<100	<100
92521555	MW-16_20210210	MW-16	2/10/2021	<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**	<1	**3.4**	**1.5**	<100	<100	<100	<100
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**	<1	**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**	<1	**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	<1	**1.8**	**0.77**	<100	<100	<100	<100

Table 4
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	Vinyl chloride	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**	**400**	**20**	**6**	**70**	**0.7**	**600**	**400**	**400**	**0.03**	**500**		**400**	**NE**	**NE**	**NE**
IMAC Standards				**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
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	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92521555	MW-17_20210210	MW-17	2/10/2021	<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**	<1	**4.3**	**2**	<100	<100	<100	<100
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	<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	<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	<0.5	<1	<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	<1	**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	<1	<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	<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	<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	<1	<0.5	<100	<100	<100	<100
92515075	MW-19_20210106	MW-19	01/06/2021	**115**	**171**	<0.5	<0.5	<1	**6.4**	<1	<0.5	<0.5	**34.2**	**1.2**	<0.5	<2	**10.5**	<2	<0.5	**0.93**	**34**	**3.4**	<0.5	<1	**21.7**	**26.2**	**406**	<100	<100	**509**
92521555	MW-19_20210210	MW-19	2/10/2021	<5	**658**	<2.5	<2.5	<5	**3**	<5	<2.5	<2.5	**83**	**23.9**	<2.5	<10	**28**	**33.2**	<2.5	<2.5	**518**	**43.9**	<2.5	<1	**225**	**163**	**3080**	**724**	**158**	**3960**
92494640	MW-20_20200909	MW-20	09/09/2020	<5	<0.5	<0.5	<0.5	<1	**0.77**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92501960	MW-20_20201023	MW-20	10/23/2020	**12.5**	<0.5	<0.5	<0.5	<1	**0.57**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92508881	MW-20_20201201	MW-20	12/01/2020	**26.1**	<0.5	<0.5	<0.5	<1	**1.3**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92514598	MW-20_20210104	MW-20	01/04/2021	**24.4**	<0.5	<0.5	<0.5	<1	**0.82**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	**1.1**	**2.2**	<0.5	<1	**1.5**	**0.86**	<100	<100	<100	<100
92521555	MW-20_20210210	MW-20	2/10/2021	<5	<0.5	<0.5	<0.5	<1	**1.7**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<1	<0.5	**192**	<100	<100	**253**
92521555	DUP-1-20210210	MW-20	2/10/2021	**7.8**	<0.5	<0.5	<0.5	<1	**1.8**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
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	<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	<1	**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	<1	**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	<5	**128**	**68.5**	**2210**	**456**	**122**	**2790**
92521555	MW-21_20210210	MW-21	2/10/2021	<5	**1030**	<5	<5	<10	<5	<10	<5	<5	**130**	**18.7**	<5	<20	**68.7**	**23.3**	<5	<5	**524**	**65.4**	<5	<1	**330**	**182**	**4710**	**991**	**269**	**5970**
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	<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	<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	<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	<1	<0.5	<100	<100	<100	<100
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	<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	<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	<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	<1	<0.5	<100	<100	<100	<100
92521555	MW-23_20210210	MW-23	2/10/2021	<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	<10	<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	<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	<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	<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	<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	<1	<0.5	<100	<100	<100	<100
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	<1	**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	<0.5	<1	<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	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92508536	MW-27_20201130	MW-27	11/30/2020	**24.8**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100

Table 4
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	Vinyl chloride	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**	**400**	**20**	**6**	**70**	**0.7**	**600**	**400**	**400**	**0.03**	**500**		**400**	**NE**	**NE**	**NE**
IMAC Standards				**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
92514598	MW-27_20210104	MW-27	01/04/2021	**35.1**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92521237	MW-27_20210209	MW-27	02/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92494923	MW-28_20200909	MW-28	09/09/2020	<25	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92501355	MW-28_20201020	MW-28	10/20/2020	**27.6**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92509253	MW-28_20201202	MW-28	12/02/2020	**58.8**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92515075	MW-28_20210106	MW-28	01/06/2021	**45**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92521839	MW-28_20210211	MW-28	2/11/2021	<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	<1	<0.5	<100	<100	<100	<100
92495241	MW-29_20200913	MW-29	09/13/2020	<5	<0.5	<0.5	<0.5	<1	**2.8**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92501860	MW-29_20201022	MW-29	10/22/2020	<5	<0.5	<0.5	<0.5	<1	**0.77**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92509560	MW-29_20201203	MW-29	12/03/2020	**23.7**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92514898	MW-29_20210105	MW-29	01/05/2021	**5.1**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92521237	MW-29_20210209	MW-29	02/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	**1**	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92514898	Dup-1-20210105	MW-29	01/05/2021	**5.6**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92495103	MW-30_20200911	MW-30	09/11/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92501616	MW-30_20201021	MW-30	10/21/2020	<5	<0.5	<0.5	<0.5	<1	**0.58**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92508536	MW-30_20201130	MW-30	11/30/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92514598	MW-30_20210104	MW-30	01/04/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92521237	MW-30_20210209	MW-30	02/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92521237	DUP-1-20210209	MW-30	02/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92495239	MW-31_20200913	MW-31	09/13/2020	<5	**0.56**	<0.5	<0.5	<1	**1.7**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	**3.1**	**0.61**	<0.5	<1	**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**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	**0.5**	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92501343	MW-31_20201020	MW-31	10/20/2020	<5	<0.5	<0.5	<0.5	<1	**1.4**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92509252	MW-31_20201202	MW-31	12/02/2020	**12.2**	<0.5	<0.5	<0.5	<1	**3.1**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92515075	MW-31_20210106	MW-31	01/06/2021	**16.6**	<0.5	<0.5	<0.5	<1	**2.1**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92521555	MW-31_20210210	MW-31	2/10/2021	<5	<0.5	<0.5	<0.5	<1	**1.3**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92494864	MW-32_20200910	MW-32	09/10/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92501860	MW-32_20201022	MW-32	10/22/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92508536	MW-32_20201130	MW-32	11/30/2020	**10.2**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92514598	MW-32_20210104	MW-32	01/04/2021	**16.5**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92520901	MW-32_20210208	MW-32	02/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92520901	DUP-1-20210208	MW-32	02/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92520901	MW-33_20210208	MW-33	2/8/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100

Table 4
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	Vinyl chloride	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**	**400**	**20**	**6**	**70**	**0.7**	**600**	**400**	**400**	**0.03**	**500**		**400**	**NE**	**NE**	**NE**
IMAC Standards				**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92521555	MW-36_20210210	MW-36	2/10/2021	<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**	<1	**6.9**	**3.1**	<100	<100	<100	**149**
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	<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	<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	<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	<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	<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	<1	**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	<1	**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	<1	**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	<1	**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	<1	**47.8**	**32**	**443**	**135**	<100	**622**
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	<10	**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	<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	<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	<5	**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	<25	**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	<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	<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	<1	**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	<1	<0.5	<100	<100	<100	<100
92521555	MW-41_20210210	MW-41	2/10/2021	<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	<1	**7.2**	**4.5**	**119**	<100	<100	**175**
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**	<1	**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	<1	**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	<1	<0.5	<100	<100	<100	<100
92509255	MW-42_20201202	MW-42	12/02/2020	<5	<0.5	<0.5	<0.5	<1	**10.6**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92515387	MW- 42_20210107	MW-42	01/07/2021	<5	<0.5	<0.5	<0.5	<1	**6.8**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92522125	MW-42_20210212	MW-42	2/12/2021	<5	<0.5	<0.5	<0.5	<1	**5.3**	<1	<0.5	<0.5	<0.5	**1.6**	<0.5	<2	<0.5	**4.4**	<0.5	<0.5	**3.3**	**14.8**	**3.9**	<1	**7.3**	**3.6**	<100	<100	**123**	**252**
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	<1	**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	<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	<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	<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	<1	<0.5	<100	<100	<100	<100

Table 4
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	Vinyl chloride	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**	**400**	**20**	**6**	**70**	**0.7**	**600**	**400**	**400**	**0.03**	**500**		**400**	**NE**	**NE**	**NE**
IMAC Standards				**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
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**	<1	**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	<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	**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	<1	<0.5	<100	<100	<100	<100
92522126	MW-44_20210212	MW-44	2/12/2021	**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	<1	<0.5	<100	<100	<100	<100
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**	<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	<1	**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	<1	**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	<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	<1	<0.5	<100	<100	<100	<100
92522126	MW-45_20210212	MW-45	2/12/2021	<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	<1	<0.5	<100	<100	<100	<100
92522126	DUP-1-20210212	MW-45	2/12/2021	<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	<1	<0.5	<100	<100	<100	<100
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**	<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	<1	**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	<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	<1	<0.5	<100	<100	<100	<100
92521851	MW-46_20210211	MW-46	2/11/2021	<5	**0.74**	<0.5	<0.5	<1	**2.4**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	**0.7**	<0.5	<0.5	<1	**1.3**	**0.87**	<100	<100	<100	**118**
92495627	MW-47_20200915	MW-47	09/15/2020	**6.3**	<0.5	**2**	<0.5	<1	**16.5**	<1	<0.5	<0.5	<0.5	**1.4**	<0.5	<2	<0.5	<2	<0.5	<0.5	**6.3**	**1.5**	<0.5	<1	**5.2**	**2.4**	<100	<100	<100	<100
92496397	MW-48_20200918	MW-48	09/18/2020	**9.6**	**1.2**	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92501860	MW-48_20201022	MW-48	10/22/2020	**19.8**	**40.4**	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	**19**	**4.1**	<0.5	<2	<0.5	<2	<0.5	<0.5	**63.3**	**1.7**	<0.5	<1	**12**	**7.9**	**1270**	<100	<100	**1300**
92501860	DUP-2-20201022	MW-48	10/22/2020	**27.4**	**37.1**	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	**17.2**	**3.6**	<0.5	<2	**5.8**	<2	<0.5	<0.5	**58.7**	**1.5**	<0.5	<1	**10.7**	**6.9**	**1030**	<100	<100	**1060**
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	<1	**1.6**	**1.1**	<100	<100	<100	<100
92499587	MW-49_20201007	MW-49	10/07/2020	<5	**0.61**	<0.5	<0.5	<1	**2.2**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<0.5	<1	<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	<0.5	<1	<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	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92522126	MW-49_20210212	MW-49	2/12/2021	<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	<0.5	<1	<1	<0.5	<100	<100	<100	<100
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	<4	**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	<12.5	**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	<20	**1950**	**962**	**18700**	**5620**	**934**	**6550**
92515216	MW-50_20210106	MW-50	1/6/2021	**18.2**	**4670**	<25	<25	<50	<25	<50	<25	<25	**587**	**552**	<25	<100	**392**	**111**	<25	<25	**6590**	**450**	<25	<50	**2460**	**1230**	**25900**	**8140**	**1210**	**35300**
92522126	MW-50_20210212	MW-50	2/12/2021	<5	**996**	<5	<5	<10	<5	<10	<5	<5	**161**	**37.5**	<5	<20	**116**	**54**	<5	<5	**467**	**127**	<5	<10	**713**	**367**	**5030**	**2420**	<1000	**8160**
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	<1	**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	<1	**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	<1	**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	<0.5	<1	<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	<0.5	<1	<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	<0.5	<1	<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	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92522126	MW-51_20210212	MW-51	2/12/2021	<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	<0.5	<1	<1	<0.5	<100	<100	<100	<100
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	<1	**2.7**	**1.6**	<100	<100	<100	**171**

Table 4
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	Vinyl chloride	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**	**400**	**20**	**6**	**70**	**0.7**	**600**	**400**	**400**	**0.03**	**500**		**400**	**NE**	**NE**	**NE**
IMAC Standards				**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
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	<1	**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	<1	**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	<2	**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	<1	**8.3**	**8.9**	**227**	<100	<100	**293**
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	<1	<0.5	<100	<100	<100	<100
92501860	MW-53_20201022	MW-53	10/22/2020	<5	<0.5	<0.5	<0.5	<1	**6.4**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92509560	MW-53_20201203	MW-53	12/03/2020	**23.6**	<0.5	<0.5	<0.5	<1	**2.9**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92509560	Dup-1-20201203	MW-53	12/03/2020	**32.9**	<0.5	<0.5	<0.5	<1	**2.8**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92515544	MW-53_20210107	MW-53	01/07/2021	**123**	<0.5	<0.5	<0.5	<1	**0.97**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92521555	MW-53_20210210	MW-53	2/10/2021	<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	<0.5	<1	<1	<0.5	<100	<100	<100	<100
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	<0.5	<1	<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	<0.5	<1	<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	<0.5	<1	<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	<0.5	<1	<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	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92521555	MW-54_20210210	MW-54	2/10/2021	<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	<0.5	<1	<1	<0.5	<100	<100	<100	<100
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	<1	**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	<1	**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	<25	**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	<1	<0.5	<100	<100	<100	<100
92501860	MW-56_20201022	MW-56	10/22/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92509560	MW-56_20201203	MW-56	12/03/2020	**8.4**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92515544	MW-56_20210107	MW-56	01/07/2021	**8**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92520901	MW-56_20210208	MW-56	02/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
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	<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	<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	<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	<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	<1	<0.5	<100	<100	<100	<100
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	<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	<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	<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	<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	<1	<0.5	<100	<100	<100	<100
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	<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	<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	<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	<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	<1	<0.5	<100	<100	<100	<100
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	<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	<1	<0.5	<100	<100	<100	<100

Table 4
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	Vinyl chloride	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**	**400**	**20**	**6**	**70**	**0.7**	**600**	**400**	**400**	**0.03**	**500**		**400**	**NE**	**NE**	**NE**
IMAC Standards				**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
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	<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	<1	<0.5	<100	<100	<100	<100
92522126	MW-60_20210212	MW-60	2/12/2021	<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	<1	<0.5	<100	<100	<100	<100
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	<1	**1.4**	**0.87**	<100	<100	<100	<100
92509555	MW-62_20201203	MW-62	12/03/2020	<25	**0.67**	**4.8**	<0.5	<1	**22.2**	<1	<0.5	**1.2**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	**1.4**	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92514892	MW-62_20210105	MW-62	01/05/2021	**74.5**	<0.5	**3.7**	<0.5	<1	**16.8**	<1	<0.5	**0.95**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92521851	MW-62_20210211	MW-62	2/11/2021	**11.9**	<0.5	**2.6**	<0.5	<1	**9.8**	<1	<0.5	**0.85**	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	**125**
92509560	MW-63_20201203	MW-63	12/03/2020	**6.3**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92515544	MW-63_20210107	MW-63	01/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92521237	MW-63_20210209	MW-63	02/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92515354	MW-64_20210107	MW-64	01/07/2021	**101**	<0.5	<0.5	<0.5	<1	**1.5**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92515354	Dup-1-20210107	MW-64	01/07/2021	**94.8**	<0.5	<0.5	<0.5	<1	**1.7**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92522267	MW-64_20210215	MW-64	2/15/2021	**14.5**	<0.5	<0.5	<0.5	<1	**0.77**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92515354	MW-65_20210107	MW-65	01/07/2021	**264**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92522267	MW-65_20210215	MW-65	2/15/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
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	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92522125	MW-66_20210212	MW-66	2/12/2021	<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	<1	**1.6**	**0.89**	**165**	<100	<100	**165**
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	<1	<0.5	**116**	<100	<100	**116**
92522125	MW-67_20210212	MW-67	2/12/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	**8.2**	<0.5	<0.5	<1	**1.4**	**0.59**	<100	<100	<100	<100
92515387	MW- 68_20210107	MW-68	01/07/2021	**99.2**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92522266	MW-68_20210215	MW-68	2/15/2021	**15.5**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92515214	MW-69_20210106	MW-69	01/06/2021	**123**	<0.5	**0.55**	<0.5	<1	**4.6**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92521555	MW-69_20210210	MW-69	2/10/2021	**40.3**	<0.5	<0.5	<0.5	<1	**2.8**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
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	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92522267	MW-70_20210215	MW-70	2/15/2021	**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	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92521555	MW-71_20210210	MW-71	2/10/2021	**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	<1	<0.5	<100	<100	<100	<100
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	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92521851	MW-73_20210211	MW-73	2/11/2021	**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	<1	<0.5	**192**	<100	<100	**262**
92522267	MW-74_20210215	MW-74	2/15/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92522267	MW-75_20210215	MW-75	2/15/2021	**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	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92522265	MW-76_20210215	MW-76	2/15/2021	**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	<0.5	<1	<1	<0.5	<100	<100	<100	<100
Deep Monitoring Wells																														
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	<1.0	<1.0	<0.50	**285**	<100	<100	**285**
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	<1.0	<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	<1.0	<1.0	<0.50	**127**	<100	<100	**127**
92521237	MW-7D_20210209	MW-7D	02/09/2021	<5	<1	<1	<1	<2	<1	<2	<1	<1	<1	<1	<1	<4	<1	<4	<1	<1	**184**	<1	<1	<2	<2	<1	**360**	<100	<100	**360**
92515869	MW-25D (83-90)	MW-25D	01/11/2021	**8.1**	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	**0.88**	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	**131**	<0.50	<0.50	<1.0	<1.0	<0.50	**118**	<100	<100	**118**
92515869	MW-25D (108-115)	MW-25D	01/11/2021	**7.9**	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	**0.91**	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	**34.1**	<0.50	<0.50	<1.0	<1.0	<0.50	<100	<100	<100	<100
92515869	MW-25D (115-122)	MW-25D	01/11/2021	<5.0	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	**0.97**	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	**3.8**	<0.50	<0.50	<1.0	<1.0	<0.50	<100	<100	<100	<100
92515869	DUP-7	MW-25D	01/11/2021	<5.0	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	**0.98**	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	**4**	<0.50	<0.50	<1.0	<1.0	<0.50	<100	<100	<100	<100
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	<1.0	<1.0	<0.50	<100	<100	<100	<100

Table 4
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	Vinyl chloride	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**	**400**	**20**	**6**	**70**	**0.7**	**600**	**400**	**400**	**0.03**	**500**		**400**	**NE**	**NE**	**NE**
IMAC Standards				**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
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	<1.0	<1.0	<0.50	<100	<100	<100	<100
92521871	MW-25D_20210211	MW-25D	02/11/2021	<5	**1.5**	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	**0.69**	**1.5**	<0.5	<2	<0.5	<2	<0.5	<0.5	**19.9**	**1.6**	<0.5	<1	**5.4**	**2.7**	<100	<100	<100	**115**
92514955	MW-36D (96.5-103.5)	MW-36D	01/05/2021	**40.5**	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	**169**	<0.50	<0.50	<1.0	<1.0	<0.50	**280**	<100	<100	**318**
92514955	DUP-2	MW-36D	01/05/2021	**47.3**	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	**164**	<0.50	<0.50	<1.0	<1.0	<0.50	**281**	<100	<100	**318**
92521237	MW-36D_20210209	MW-36D	02/09/2021	**72.1**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	**1.1**	<0.5	<0.5	<1	<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	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	**8**	<0.50	<0.50	<1.0	<1.0	<0.50	<100	<100	<100	<100
92521237	MW-57D_20210209	MW-57D	02/09/2021	**22.8**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92515213	MW-59D (150-160)	MW-59D	01/06/2021	**6.9**	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	**34.3**	<0.50	<0.50	<1.0	<1.0	<0.50	<100	<100	<100	<100
92515213	DUP-3	MW-59D	01/06/2021	**9.9**	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	**35**	<0.50	<0.50	<1.0	<1.0	<0.50	<100	<100	<100	<100
92522123	MW-59D_20210212	MW-59D	2/12/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	**23.3**	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
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	<1.0	<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	<1.0	<1.0	<0.50	<100	<100	<100	<100
92521555	MW-61D_20210210	MW-61D	2/10/2021	<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	<0.5	<1	<1	<0.5	<100	<100	<100	<100
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	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<100	<100	<100	<100
92522265	MW-62D_20210215	MW-62D	2/15/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92515642	MW-65D (115-150)	MW-65D	01/07/2021	**12.2**	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<100	<100	<100	<100
92515543	DUP-1-20210107	MW-65D	01/07/2021	**20.8**	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<100	<100	<100	<100
92522267	MW-65D_20210215	MW-65D	2/15/2021	**9.6**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92522267	DUP-1-20210215	MW-65D	2/15/2021	**14.4**	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	**0.53**	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92516451	Walker (101-108)	MW-49D	01/13/2021	**81.4**	<2.0	**7.5**	<2.0	<4.0	**403**	**4.9**	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0	<2.0	<8.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<4.0	<2.0	**220**	<100	<100	**350**
92516451	Walker (48-55)	MW-49D	01/13/2021	**5.8**	<0.50	**3.8**	**5.4**	<1.0	**81.3**	**1.1**	**1.2**	**0.62**	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<100	<100	<100	**131**
92516451	Dup-9	MW-49D	01/13/2021	**6.2**	<0.50	**3.9**	**6.6**	<1.0	**78.7**	<1.0	**1.3**	**0.62**	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<100	<100	<100	**115**
QC Data																														
92493062	TB-2	N/A	08/28/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92493708	Trip Blank	N/A	09/02/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92493864	Trip Blank	N/A	09/02/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92494322	Trip Blank	N/A	09/03/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92496397	Trip Blank	N/A	09/18/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92494640	Trip Blank-03	N/A	09/09/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92494923	Trip Blank-03	N/A	09/09/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92494864	Trip Blank-04	N/A	09/10/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92495100	Trip Blank-05	N/A	09/11/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92495103	Trip Blank-05	N/A	09/11/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92495239	Trip Blank-06	N/A	09/13/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92495241	Trip Blank-06	N/A	09/13/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92495244	Trip Blank-06	N/A	09/13/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92495624	Trip Blank-07	N/A	09/15/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92495626	Trip Blank-07	N/A	09/15/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92495627	Trip Blank-07	N/A	09/15/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92495907	Trip Blank-07	N/A	09/16/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92495905	Trip Blank-07	N/A	09/16/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA

Table 4
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	Vinyl chloride	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**	**400**	**20**	**6**	**70**	**0.7**	**600**	**400**	**400**	**0.03**	**500**		**400**	**NE**	**NE**	**NE**
IMAC Standards				**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
92495906	Trip Blank-07	N/A	09/16/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92496816	TB-20200922	N/A	09/20/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92496817	TB-20200922	N/A	09/22/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92497017	TB-20200923	N/A	09/22/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92497774	TB-20200928	N/A	09/28/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92499587	Trip Blank	N/A	10/07/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92500605	Trip Blank	N/A	10/07/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92500606	Trip Blank	N/A	10/07/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92501343	Trip Blank	N/A	10/20/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92501344	Trip Blank	N/A	10/20/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92501345	Trip Blank	N/A	10/20/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92501355	Trip Blank	N/A	10/20/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92501615	Trip Blank	N/A	10/21/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92501616	TRIP BLANK	N/A	10/21/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	NA
92501960	TRIP BLANK	N/A	10/23/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92508536	Trip Blank	N/A	11/30/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92508536	Trip Blank 2	N/A	11/30/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92508884	Trip Blank	N/A	12/01/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92509250	Trip Blank	N/A	12/02/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92509252	Trip Blank	N/A	12/02/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92509253	Trip Blank	N/A	12/02/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92509255	Trip Blank	N/A	12/02/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92509251	Trip Blank	N/A	12/02/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92508881	Trip Blank	N/A	12/01/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92509555	Trip Blank	N/A	12/03/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92509560	Trip Blank	N/A	12/03/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92508886	Trip Blank	N/A	12/02/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92514892	Trip Blank	N/A	01/05/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92515214	Trip Blank	N/A	01/06/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92515216	Trip Blank	N/A	01/06/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92514602	Trip Blank	N/A	01/04/2021	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	NA	NA	NA	NA
92514955	Trip Blank	N/A	01/05/2021	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	NA	NA	NA	NA
92515213	TB	N/A	01/06/2021	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	NA	NA	NA	NA
92515075	Trip Blank	N/A	01/06/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92515543	TRIP BLANK	N/A	01/07/2021	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	NA	NA	NA	NA
92515354	Trip Blank	N/A	01/07/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92515387	Trip Blank	N/A	01/07/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	NA	NA	NA	NA
92515762	Trip Blank	N/A	0'01/10/2021	NA	<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	<1.0	<1.0	<0.50	NA	NA	NA	NA

Table 4
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	Vinyl chloride	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**	**400**	**20**	**6**	**70**	**0.7**	**600**	**400**	**400**	**0.03**	**500**		**400**	**NE**	**NE**	**NE**
IMAC Standards				**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
92516451	Trip Blank	N/A	01/12/2021	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	NA	NA	NA	NA
92520901	Trip Blank	N/A	02/08/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92521237	Trip Blank	N/A	02/09/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92521871	TRIP BLANK	N/A	02/11/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92522125	Trip Blank	N/A	2/12/2021	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	<1	<0.5	NA	NA	NA	NA
92521555	Trip Blank	N/A	2/10/2021	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	<1	<0.5	NA	NA	NA	NA
92522267	Trip Blank	N/A	2/15/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	NA	NA	NA	NA
92499587	EB-1-20201007	N/A	10/07/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92499587	FB-1-20201007	N/A	10/07/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92500605	EB-1-20201007	N/A	10/07/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92500605	FB-1-20201007	N/A	10/07/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92500606	EB-1-20201007	N/A	10/07/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92500606	FB-1-20201007	N/A	10/07/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92501616	FB-01-20201021	N/A	10/21/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92501860	FB-2-20201022	N/A	10/22/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92501960	FB-3-20201023	N/A	10/23/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<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	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92514598	FB-1-20210104	N/A	01/04/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92514898	FB-1-20210105	N/A	01/05/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92514602	EB-1	N/A	01/04/2021	<5.0	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<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	<1.0	<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	<1.0	<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	<1.0	<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	<1.0	<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	<1.0	<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	<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	<1.0	<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	<1.0	<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	<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	<1.0	<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	<1.0	<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	<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	<1	<0.5	<100	<100	<100	<100
92521851	FB-1-20210211	N/A	2/11/2021	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	<1	<0.5	<100	<100	<100	<100
92522123	EB-1-20210212	N/A	2/12/2021	<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	<1	<0.5	<100	<100	<100	<100
92522123	FB-1-20210212	N/A	2/12/2021	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	<1	<0.5	<100	<100	<100	<100
92521555	EB-1-20210210	N/A	2/10/2021	<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	<1	<0.5	<100	<100	<100	<100
92521555	FB-1-20210210	N/A	2/10/2021	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	<1	<0.5	<100	<100	<100	<100

Table 4
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	Vinyl chloride	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**	**400**	**20**	**6**	**70**	**0.7**	**600**	**400**	**400**	**0.03**	**500**		**400**	**NE**	**NE**	**NE**
IMAC Standards				**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
92522267	EB-1-20210215	N/A	2/15/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<100	<100	<100	<100
92522267	FB-1-20210215	N/A	2/15/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<0.5	<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	<1.0	<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	<1.0	<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	<1.0	<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	<1.0	<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	<1.0	<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	<1.0	<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	<1.0	<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	<1.0	<1.0	<0.50	<100	<100	<100	<100

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 preceding row
IMAC - Interim Maximum Allowable Concentration
ID - Identification

Table 5
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
92492043	13736_PE_ Dr	8/22/2020	NA	NA	NA
92492904	13800_H/C_Rd	8/27/2020	**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	12/8/2020	<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

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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
92491028	13822_HC_Rd	8/16/2020	**53.0**	<0.50	<0.50
92492032	13822_HC_Rd	8/21/2020	**14.2**	NA	NA
92492033	FD_08212020	8/21/2020	**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	8/17/2020	<5.0	<0.50	<0.50
92492683	13831_Sims_Rd	8/25/2020	<5.0	<0.50	<0.50
92494137	13831_SIMS_RD	09/03/2020	<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
92491367	13835_AC_Rd	8/17/2020	<5.0	<0.50	<0.50
92492460	13835_AC_Rd	8/25/2020	<5.0	<0.50	<0.50
92492469	FD1-08252020	8/25/2020	<5.0	<0.50	<0.50
92494135	13835_AC_RD	09/03/2020	<5.0	<0.50	<0.50
92495191	13835_AC_RD	09/11/2020	<5.0	<0.50	<0.50
92495943	13835_AC_RD_20200916	09/16/2020	<5.0	**1.7**	**7.4**
92497409	13835_AC_RD 20200924	09/24/2020	**16.1**	<0.50	<0.50
92498537	13835_AC_RD	10/01/2020	<5.0	<0.50	<0.50
92498539	FD-100120	10/01/2020	<5.0	<0.50	<0.50
92499665	13835_AC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50
92500725	13835_AC_RD_20201015	10/15/2020	<5.0	<0.50	<0.50
92500731	DUP-1	10/15/2020	<5.0	<0.50	<0.50
92501805	13835_AC_RD_20201022	10/22/2020	<5.0	<0.50	<0.50
92502955	13835_AC_RD_20201029	10/29/2020	<5.0	<0.50	<0.50
92502957	DUP-1	10/29/2020	<5.0	<0.50	<0.50
92504283	13835_AC_RD_20201105	11/05/2020	<5.0	<0.50	<0.50
92506030	13835_AC_RD	11/12/2020	<5.0	<0.50	<0.50
92507400	13835_AC_RD	11/19/2020	<5.0	<0.50	<0.50
92508017	13835_AC_RD_20201124	11/24/2020	<5.0	<0.50	<0.50
92508716	13835_AC_Rd_20201201	12/01/2020	<5.0	<0.50	<0.50
92510233	13835_AC_RD_20201208	12/08/2020	<5.0	<0.50	<0.50
92512027	13835_AC_RD_20201215	12/15/2020	<5.0	<0.50	<0.50
92512046	DUP-1	12/15/2020	<5.0	<0.50	<0.50
92513354	13835_AC_RD_20201222	12/22/2020	<5.0	<0.50	<0.50
92513978	13835_AC_RD_20201229	12/29/2020	<5.0	<0.50	<0.50
92514756	13835_AC_RD_20210105	01/05/2021	<5.0	<0.50	<0.50
92516191	13835_AC_RD_2021112	01/12/2021	<5.0	<0.50	<0.50
92516192	DUP-1	01/12/2021	<5.0	<0.50	<0.50
92517234	13835_AC_RD_2021119	01/19/2021	<5.0	<0.50	<0.50
92518610	13835_AC_RD_2021126	01/26/2021	**15.4**	<0.50	<0.50
92519760	13835_AC_RD_20210202	02/02/2021	<5.0	<0.50	<0.50
92521099	13835_AC_RD_20210209	02/09/2021	**15.1**	<0.50	<0.50

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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
92491363	13901_Sims_Rd	8/17/2020	<5.0	<0.50	<0.50
92491368	FD1_081720	8/17/2020	<5.0	<0.50	<0.50
92492466	13901_Sims_Rd	8/25/2020	<5.0	<0.50	<0.50
92494138	13901_SIMS_RD	09/03/2020	<5.0	<0.50	<0.50
92491259	13920_Sims_Rd	8/17/2020	<5.0	<0.50	<0.50
92492462	13920_Sims_Rd	8/25/2020	<5.0	<0.50	<0.50
92494130	13920_SIMS_RD	09/03/2020	<5.0	<0.50	<0.50
92491360	13923_AC_Rd	8/17/2020	<5.0	<0.50	<0.50
92492465	13923_AC_Rd	8/25/2020	<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

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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	13926A_HC_Rd	8/16/2020	<5.0	<0.50	<0.50
92492029	13926A_HC_Rd	8/21/2020	<5.0	NA	<0.50
92493902	13926A_HC_RD	09/02/2020	<5.0	<0.50	<0.50
92495062	13926A_HC_RD	09/10/2020	<5.0	<0.50	<0.50
92495945	13926A_HC_RD_20200916	09/16/2020	<5.0	<0.50	<0.50
92497401	13926A_HC_RD 20200924	09/24/2020	<5.0	<0.50	<0.50
92498130	13926A_HC_RD_20200930	09/30/2020	<5.0	<0.50	<0.50
92499670	13926A_HC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50
92500718	13926A_HC_RD_20201015	10/15/2020	<5.0	<0.50	<0.50
92501815	13926A_HC_RD_20201022	10/22/2020	**5.2**	<0.50	<0.50
92502951	13926A_HC_RD_20201029	10/29/2020	**6.6**	<0.50	<0.50
92504292	13926A_HC_RD_20201105	11/05/2020	<5.0	<0.50	<0.50
92506028	13926A_HC_RD	11/12/2020	<5.0	<0.50	**8.2**
92507401	13926A_HC_RD	11/19/2020	**5.8**	<0.50	<0.50
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_2021112	01/12/2021	<5.0	<0.50	<0.50
92517224	13926A_HC_RD_2021119	01/19/2021	<5.0	<0.50	<0.50
92518620	13926A_HC_RD 2021126	01/26/2021	<5.0	<0.50	<0.50
92519764	13926A_HC_RD_20210202	02/02/2021	<5.0	<0.50	<0.50
92521095	13926A_HC_RD_20210209	02/09/2021	**24.2**	<0.50	<0.50

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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	8/16/2020	<5.0	<0.50	**8.9**
92492030	13926B_HC_Rd	8/21/2020	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**

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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
92492031	13937_AC_Rd	8/21/2020	<5.0	<0.50	<0.50
92492463	13937_AC_Rd	8/25/2020	<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	8/17/2020	<5.0	<0.50	<0.50
92492461	13945_AC_Rd	8/25/2020	<5.0	<0.50	<0.50
92493888	13945_AC_RD	09/02/2020	<5.0	<0.50	<0.50
92495063	13945_AC_RD	09/10/2020	<5.0	<0.50	<0.50
92495935	13945_AC_RD_20200916	09/16/2020	<5.0	<0.50	<0.50
92497410	13945_AC_RD 20200924	09/24/2020	<5.0	<0.50	<0.50
92498532	13945_AC_RD	10/01/2020	<5.0	<0.50	<0.50
92499669	13945_AC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50
92500726	13945_AC_RD_20201015	10/15/2020	<5.0	<0.50	<0.50
92501817	DUP-1	10/22/2020	<5.0	<0.50	<0.50
92501807	13945_AC_RD_20201022	10/22/2020	<5.0	<0.50	<0.50
92502946	13945_AC_RD_20201029	10/29/2020	<5.0	<0.50	<0.50
92504280	13945_AC_RD_20201105	11/05/2020	<5.0	<0.50	<0.50
92506044	13945_AC_RD	11/12/2020	<5.0	<0.50	<0.50
92507397	13945_AC_RD	11/19/2020	<5.0	<0.50	<0.50
92508007	13945_AC_RD_20201124	11/24/2020	<5.0	<0.50	<0.50
92508713	13945_AC_Rd_20201201	12/01/2020	<5.0	<0.50	<0.50
92508822	DUP-1	12/01/2020	<0.50	<0.50	<0.50
92510208	13945_AC_RD_20201208	12/08/2020	<5.0	<0.50	<0.50

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			Metals (µg/L)	VOCs (µg/L)	
Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform
		NCAC 2L	15	0.6	70
92491555	14015 ASBURY CHAPEL RD	8/18/2020	<5.0	<0.50	<0.50
92492468	14015_AC_Rd	8/25/2020	<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	8/17/2020	<5.0	<0.50	<0.50
92492464	14024_Sims_Rd	8/25/2020	<5.0	<0.50	<0.50
92494133	14024_SIMS_RD	09/03/2020	<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	8/15/2020	<5.0	<0.50	<0.50
92492688	14108_HC_Rd	8/25/2020	<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
92491029	14226_HC_ Rd	8/16/2020	<5.0	<0.50	<0.50
92492685	14226_HC_Rd	8/25/2020	<5.0	<0.50	<0.50
92493881	14226_HC_RD	09/02/2020	<5.0	<0.50	<0.50
92493905	FD_09_02_20	09/02/2020	<5.0	<0.50	<0.50
92495187	14226_HC_RD	09/11/2020	<5.0	<0.50	<0.50
92495193	FD-091120	09/11/2020	<5.0	<0.50	<0.50
92495934	14226_HC_RD_20200916	09/16/2020	<5.0	<0.50	<0.50
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_2021112	01/12/2021	<5.0	<0.50	<0.50
92517237	14226_HC_RD_2021119	01/19/2021	NA	<0.50	<0.50
92518581	14226_HC_RD_2021126	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 5
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
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
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

Table 5
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
92492048	15104_PL_Dr	8/22/2020	NA	NA	NA
92492044	15110_PL_ Dr	8/22/2020	NA	NA	NA
92492047	15120_PL_Dr	8/22/2020	NA	NA	NA
92492046	15128_PL_ Dr	8/22/2020	NA	NA	NA
92492045	15136_PL_ Dr	8/22/2020	NA	NA	NA
92491031	16366_HC_Rd	8/16/2020	<5.0	<0.50	<0.50
92492689	HOA_Lawn	8/26/2020	<5.0	<0.50	<0.50
92492686	FD1_08262020	8/26/2020	<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 5
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	8/25/2020	<5.0	<0.50	<0.50
92492905	Field Blank	8/27/2020	<5.0	<0.50	<0.50
92492033	Field_Blank	8/21/2020	<5.0	NA	NA
92492686	Field_Blank	8/26/2020	<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	8/17/2020	<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
92492469	Trip Blank	8/25/2020	NA	<0.50	<0.50
92492905	Trip Blank	8/27/2020	NA	<0.50	<0.50

Table 5
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
92491368	TRIP_BLANK	8/17/2020	NA	<0.50	<0.50
92491387	TRIP_BLANK	8/18/2020	NA	<0.50	<0.50
92491555	TRIP_BLANK	8/18/2020	NA	<0.50	<0.50
92492033	Trip_Blank	8/21/2020	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

Table 5
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
92514760	TRIP BLANK	01/05/2021	NA	<0.50	<0.50
92516192	Trip Blank	01/12/2021	NA	<0.50	<0.50
92517218	TRIP BLANK	1/19/2021	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

Notes:
NA - Not Analyzed
All units reported in micrograms per liter (µg/L)
Only detected consituents 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
ID - Identification

APPENDIX A

LABORATORY ANALYTICAL REPORTS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

February 12, 2021

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

RE: Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Dear Andrew Wreschnig:

Enclosed are the analytical results for sample(s) received by the laboratory on February 08, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Nicole Gasiorowski

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

Enclosures

cc: Jeff Morrison, Colonial Pipeline Company

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92520901001	**MW-56**	MADEP VPH	TPR	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92520901002	**MW-15**	MADEP VPH	TPR	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92520901003	**MW-2**	MADEP VPH	TPR	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92520901004	**MW-32**	MADEP VPH	TPR	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92520901005	**MW-57**	MADEP VPH	TPR	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92520901006	**MW-12**	MADEP VPH	TPR	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92520901007	**MW-33**	MADEP VPH	TPR	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92520901008	**MW-4**	MADEP VPH	TPR	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92520901009	**MW-34**	MADEP VPH	TPR	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92520901010	**MW-6**	MADEP VPH	TPR	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92520901011	**MW-58**	MADEP VPH	TPR	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92520901012	**DUP-1-20210208**	MADEP VPH	TPR	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92520901013	**MW-35**	MADEP VPH	TPR	6	PAN

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92520901014	**MW-03**	MADEP VPH	TPR	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92520901015	**FB-1-20210208**	MADEP VPH	TPR	6	PAN
		SM 6200B	SAS	63	PASI-C
92520901016	**Trip Blank**	SM 6200B	SAS	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: MW-56 **Lab ID: 92520901001** Collected: 02/08/21 10:30 Received: 02/08/21 16:56 Matrix: Water

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/L	100	1	02/10/21 18:17	02/10/21 18:17		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/10/21 18:17	02/10/21 18:17		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/10/21 18:17	02/10/21 18:17	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/10/21 18:17	02/10/21 18:17	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	91.4	%	70.0-130	1	02/10/21 18:17	02/10/21 18:17	615-59-8FID	
2,5-Dibromotoluene (PID)	84.9	%	70.0-130	1	02/10/21 18:17	02/10/21 18:17	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/10/21 02:01	02/10/21 17:16	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/11/21 01:57	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/11/21 01:57	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/11/21 01:57	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/11/21 01:57	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/11/21 01:57	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/11/21 01:57	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/11/21 01:57	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/11/21 01:57	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/11/21 01:57	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/11/21 01:57	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/11/21 01:57	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/11/21 01:57	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/11/21 01:57	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/11/21 01:57	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 01:57	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 01:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/11/21 01:57	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/11/21 01:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/11/21 01:57	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/11/21 01:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 01:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 01:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 01:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/11/21 01:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/11/21 01:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/11/21 01:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/11/21 01:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 01:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 01:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 01:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/11/21 01:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 01:57	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: MW-56 **Lab ID: 92520901001** Collected: 02/08/21 10:30 Received: 02/08/21 16:56 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		02/11/21 01:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 01:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 01:57	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/11/21 01:57	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/11/21 01:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/11/21 01:57	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/11/21 01:57	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/11/21 01:57	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/11/21 01:57	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/11/21 01:57	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/11/21 01:57	103-65-1	
Styrene	ND	ug/L	0.50	1		02/11/21 01:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 01:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 01:57	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/11/21 01:57	127-18-4	
Toluene	ND	ug/L	0.50	1		02/11/21 01:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 01:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 01:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/11/21 01:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/11/21 01:57	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/11/21 01:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/11/21 01:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/11/21 01:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 01:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 01:57	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/11/21 01:57	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/11/21 01:57	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/11/21 01:57	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	92	%	70-130	1		02/11/21 01:57	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130	1		02/11/21 01:57	460-00-4	
Toluene-d8 (S)	98	%	70-130	1		02/11/21 01:57	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: MW-15 **Lab ID: 92520901002** Collected: 02/08/21 10:35 Received: 02/08/21 16:56 Matrix: Water

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/L	100	1	02/10/21 18:50	02/10/21 18:50		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/10/21 18:50	02/10/21 18:50		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/10/21 18:50	02/10/21 18:50	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/10/21 18:50	02/10/21 18:50	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	90.2	%	70.0-130	1	02/10/21 18:50	02/10/21 18:50	615-59-8FID	
2,5-Dibromotoluene (PID)	84.0	%	70.0-130	1	02/10/21 18:50	02/10/21 18:50	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	**14.1**	ug/L	5.0	1	02/10/21 02:01	02/10/21 17:19	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/11/21 00:45	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/11/21 00:45	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/11/21 00:45	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/11/21 00:45	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/11/21 00:45	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/11/21 00:45	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/11/21 00:45	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/11/21 00:45	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/11/21 00:45	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/11/21 00:45	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/11/21 00:45	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/11/21 00:45	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/11/21 00:45	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/11/21 00:45	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 00:45	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 00:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/11/21 00:45	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/11/21 00:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/11/21 00:45	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/11/21 00:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 00:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 00:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 00:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/11/21 00:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/11/21 00:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/11/21 00:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/11/21 00:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 00:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 00:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 00:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/11/21 00:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 00:45	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: MW-15 **Lab ID: 92520901002** Collected: 02/08/21 10:35 Received: 02/08/21 16:56 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		02/11/21 00:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 00:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 00:45	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/11/21 00:45	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/11/21 00:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/11/21 00:45	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/11/21 00:45	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/11/21 00:45	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/11/21 00:45	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/11/21 00:45	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/11/21 00:45	103-65-1	
Styrene	ND	ug/L	0.50	1		02/11/21 00:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 00:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 00:45	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/11/21 00:45	127-18-4	
Toluene	ND	ug/L	0.50	1		02/11/21 00:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 00:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 00:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/11/21 00:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/11/21 00:45	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/11/21 00:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/11/21 00:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/11/21 00:45	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 00:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 00:45	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/11/21 00:45	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/11/21 00:45	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/11/21 00:45	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	94	%	70-130	1		02/11/21 00:45	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130	1		02/11/21 00:45	460-00-4	
Toluene-d8 (S)	99	%	70-130	1		02/11/21 00:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: MW-2 **Lab ID: 92520901003** Collected: 02/08/21 10:50 Received: 02/08/21 16:56 Matrix: Water

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/L	100	1	02/10/21 19:23	02/10/21 19:23		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/10/21 19:23	02/10/21 19:23		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/10/21 19:23	02/10/21 19:23	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/10/21 19:23	02/10/21 19:23	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	97.7	%	70.0-130	1	02/10/21 19:23	02/10/21 19:23	615-59-8FID	
2,5-Dibromotoluene (PID)	90.9	%	70.0-130	1	02/10/21 19:23	02/10/21 19:23	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/10/21 02:01	02/10/21 17:23	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/11/21 02:15	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/11/21 02:15	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/11/21 02:15	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/11/21 02:15	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/11/21 02:15	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/11/21 02:15	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/11/21 02:15	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/11/21 02:15	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/11/21 02:15	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/11/21 02:15	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/11/21 02:15	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/11/21 02:15	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/11/21 02:15	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/11/21 02:15	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 02:15	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 02:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/11/21 02:15	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/11/21 02:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/11/21 02:15	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/11/21 02:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 02:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 02:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 02:15	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/11/21 02:15	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/11/21 02:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/11/21 02:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/11/21 02:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 02:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 02:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 02:15	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/11/21 02:15	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 02:15	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: MW-2 **Lab ID: 92520901003** Collected: 02/08/21 10:50 Received: 02/08/21 16:56 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		02/11/21 02:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 02:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 02:15	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/11/21 02:15	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/11/21 02:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/11/21 02:15	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/11/21 02:15	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/11/21 02:15	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/11/21 02:15	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/11/21 02:15	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/11/21 02:15	103-65-1	
Styrene	ND	ug/L	0.50	1		02/11/21 02:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 02:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 02:15	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/11/21 02:15	127-18-4	
Toluene	ND	ug/L	0.50	1		02/11/21 02:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 02:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 02:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/11/21 02:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/11/21 02:15	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/11/21 02:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/11/21 02:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/11/21 02:15	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 02:15	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 02:15	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/11/21 02:15	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/11/21 02:15	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/11/21 02:15	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		02/11/21 02:15	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130	1		02/11/21 02:15	460-00-4	
Toluene-d8 (S)	100	%	70-130	1		02/11/21 02:15	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: MW-32 **Lab ID: 92520901004** Collected: 02/08/21 11:15 Received: 02/08/21 16:56 Matrix: Water

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/L	100	1	02/10/21 19:56	02/10/21 19:56		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/10/21 19:56	02/10/21 19:56		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/10/21 19:56	02/10/21 19:56	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/10/21 19:56	02/10/21 19:56	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	95.3	%	70.0-130	1	02/10/21 19:56	02/10/21 19:56	615-59-8FID	
2,5-Dibromotoluene (PID)	88.9	%	70.0-130	1	02/10/21 19:56	02/10/21 19:56	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/10/21 02:01	02/10/21 17:26	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/11/21 01:03	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/11/21 01:03	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/11/21 01:03	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/11/21 01:03	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/11/21 01:03	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/11/21 01:03	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/11/21 01:03	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/11/21 01:03	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/11/21 01:03	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/11/21 01:03	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/11/21 01:03	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/11/21 01:03	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/11/21 01:03	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/11/21 01:03	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 01:03	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 01:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/11/21 01:03	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/11/21 01:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/11/21 01:03	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/11/21 01:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 01:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 01:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 01:03	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/11/21 01:03	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/11/21 01:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/11/21 01:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/11/21 01:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 01:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 01:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 01:03	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/11/21 01:03	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 01:03	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: MW-32 **Lab ID: 92520901004** Collected: 02/08/21 11:15 Received: 02/08/21 16:56 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		02/11/21 01:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 01:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 01:03	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/11/21 01:03	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/11/21 01:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/11/21 01:03	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/11/21 01:03	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/11/21 01:03	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/11/21 01:03	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/11/21 01:03	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/11/21 01:03	103-65-1	
Styrene	ND	ug/L	0.50	1		02/11/21 01:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 01:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 01:03	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/11/21 01:03	127-18-4	
Toluene	ND	ug/L	0.50	1		02/11/21 01:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 01:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 01:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/11/21 01:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/11/21 01:03	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/11/21 01:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/11/21 01:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/11/21 01:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 01:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 01:03	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/11/21 01:03	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/11/21 01:03	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/11/21 01:03	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	94	%	70-130	1		02/11/21 01:03	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130	1		02/11/21 01:03	460-00-4	
Toluene-d8 (S)	99	%	70-130	1		02/11/21 01:03	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: MW-57 **Lab ID: 92520901005** Collected: 02/08/21 11:55 Received: 02/08/21 16:56 Matrix: Water

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/L	100	1	02/10/21 20:30	02/10/21 20:30		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/10/21 20:30	02/10/21 20:30		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/10/21 20:30	02/10/21 20:30	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/10/21 20:30	02/10/21 20:30	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	100	%	70.0-130	1	02/10/21 20:30	02/10/21 20:30	615-59-8FID	
2,5-Dibromotoluene (PID)	93.4	%	70.0-130	1	02/10/21 20:30	02/10/21 20:30	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/10/21 02:01	02/10/21 17:29	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/11/21 02:33	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/11/21 02:33	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/11/21 02:33	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/11/21 02:33	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/11/21 02:33	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/11/21 02:33	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/11/21 02:33	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/11/21 02:33	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/11/21 02:33	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/11/21 02:33	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/11/21 02:33	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/11/21 02:33	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/11/21 02:33	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/11/21 02:33	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 02:33	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 02:33	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/11/21 02:33	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/11/21 02:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/11/21 02:33	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/11/21 02:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 02:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 02:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 02:33	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/11/21 02:33	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/11/21 02:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/11/21 02:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/11/21 02:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 02:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 02:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 02:33	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/11/21 02:33	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 02:33	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: MW-57 **Lab ID: 92520901005** Collected: 02/08/21 11:55 Received: 02/08/21 16:56 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		02/11/21 02:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 02:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 02:33	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/11/21 02:33	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/11/21 02:33	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/11/21 02:33	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/11/21 02:33	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/11/21 02:33	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/11/21 02:33	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/11/21 02:33	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/11/21 02:33	103-65-1	
Styrene	ND	ug/L	0.50	1		02/11/21 02:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 02:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 02:33	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/11/21 02:33	127-18-4	
Toluene	ND	ug/L	0.50	1		02/11/21 02:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 02:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 02:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/11/21 02:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/11/21 02:33	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/11/21 02:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/11/21 02:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/11/21 02:33	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 02:33	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 02:33	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/11/21 02:33	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/11/21 02:33	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/11/21 02:33	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	95	%	70-130	1		02/11/21 02:33	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130	1		02/11/21 02:33	460-00-4	
Toluene-d8 (S)	99	%	70-130	1		02/11/21 02:33	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: MW-12 **Lab ID: 92520901006** Collected: 02/08/21 12:00 Received: 02/08/21 16:56 Matrix: Water

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/L	100	1	02/10/21 21:03	02/10/21 21:03		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/10/21 21:03	02/10/21 21:03		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/10/21 21:03	02/10/21 21:03	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/10/21 21:03	02/10/21 21:03	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	94.9	%	70.0-130	1	02/10/21 21:03	02/10/21 21:03	615-59-8FID	
2,5-Dibromotoluene (PID)	88.7	%	70.0-130	1	02/10/21 21:03	02/10/21 21:03	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/10/21 02:01	02/10/21 17:32	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/11/21 01:21	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/11/21 01:21	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/11/21 01:21	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/11/21 01:21	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/11/21 01:21	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/11/21 01:21	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/11/21 01:21	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/11/21 01:21	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/11/21 01:21	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/11/21 01:21	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/11/21 01:21	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/11/21 01:21	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/11/21 01:21	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/11/21 01:21	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 01:21	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 01:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/11/21 01:21	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/11/21 01:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/11/21 01:21	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/11/21 01:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 01:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 01:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 01:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/11/21 01:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/11/21 01:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/11/21 01:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/11/21 01:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 01:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 01:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 01:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/11/21 01:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 01:21	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: MW-12 **Lab ID: 92520901006** Collected: 02/08/21 12:00 Received: 02/08/21 16:56 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		02/11/21 01:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 01:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 01:21	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/11/21 01:21	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/11/21 01:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/11/21 01:21	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/11/21 01:21	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/11/21 01:21	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/11/21 01:21	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/11/21 01:21	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/11/21 01:21	103-65-1	
Styrene	ND	ug/L	0.50	1		02/11/21 01:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 01:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 01:21	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/11/21 01:21	127-18-4	
Toluene	ND	ug/L	0.50	1		02/11/21 01:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 01:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 01:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/11/21 01:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/11/21 01:21	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/11/21 01:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/11/21 01:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/11/21 01:21	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 01:21	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 01:21	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/11/21 01:21	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/11/21 01:21	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/11/21 01:21	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	92	%	70-130	1		02/11/21 01:21	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130	1		02/11/21 01:21	460-00-4	
Toluene-d8 (S)	97	%	70-130	1		02/11/21 01:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: MW-33 **Lab ID: 92520901007** Collected: 02/08/21 12:55 Received: 02/08/21 16:56 Matrix: Water

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/L	100	1	02/10/21 21:36	02/10/21 21:36		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/10/21 21:36	02/10/21 21:36		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/10/21 21:36	02/10/21 21:36	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/10/21 21:36	02/10/21 21:36	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	97.1	%	70.0-130	1	02/10/21 21:36	02/10/21 21:36	615-59-8FID	
2,5-Dibromotoluene (PID)	89.9	%	70.0-130	1	02/10/21 21:36	02/10/21 21:36	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/10/21 02:01	02/10/21 17:35	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/11/21 01:39	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/11/21 01:39	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/11/21 01:39	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/11/21 01:39	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/11/21 01:39	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/11/21 01:39	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/11/21 01:39	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/11/21 01:39	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/11/21 01:39	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/11/21 01:39	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/11/21 01:39	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/11/21 01:39	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/11/21 01:39	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/11/21 01:39	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 01:39	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 01:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/11/21 01:39	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/11/21 01:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/11/21 01:39	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/11/21 01:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 01:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 01:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 01:39	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/11/21 01:39	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/11/21 01:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/11/21 01:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/11/21 01:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 01:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 01:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 01:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/11/21 01:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 01:39	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: MW-33 **Lab ID: 92520901007** Collected: 02/08/21 12:55 Received: 02/08/21 16:56 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		02/11/21 01:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 01:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 01:39	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/11/21 01:39	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/11/21 01:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/11/21 01:39	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/11/21 01:39	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/11/21 01:39	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/11/21 01:39	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/11/21 01:39	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/11/21 01:39	103-65-1	
Styrene	ND	ug/L	0.50	1		02/11/21 01:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 01:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 01:39	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/11/21 01:39	127-18-4	
Toluene	ND	ug/L	0.50	1		02/11/21 01:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 01:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 01:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/11/21 01:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/11/21 01:39	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/11/21 01:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/11/21 01:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/11/21 01:39	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 01:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 01:39	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/11/21 01:39	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/11/21 01:39	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/11/21 01:39	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	96	%	70-130	1		02/11/21 01:39	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130	1		02/11/21 01:39	460-00-4	
Toluene-d8 (S)	98	%	70-130	1		02/11/21 01:39	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: MW-4 **Lab ID: 92520901008** Collected: 02/08/21 13:00 Received: 02/08/21 16:56 Matrix: Water

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/L	100	1	02/10/21 22:09	02/10/21 22:09		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/10/21 22:09	02/10/21 22:09		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/10/21 22:09	02/10/21 22:09	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/10/21 22:09	02/10/21 22:09	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	92.9	%	70.0-130	1	02/10/21 22:09	02/10/21 22:09	615-59-8FID	
2,5-Dibromotoluene (PID)	87.5	%	70.0-130	1	02/10/21 22:09	02/10/21 22:09	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/10/21 02:01	02/10/21 17:39	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/11/21 15:53	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/11/21 15:53	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/11/21 15:53	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/11/21 15:53	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/11/21 15:53	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/11/21 15:53	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/11/21 15:53	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/11/21 15:53	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/11/21 15:53	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/11/21 15:53	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/11/21 15:53	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/11/21 15:53	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/11/21 15:53	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/11/21 15:53	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 15:53	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 15:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/11/21 15:53	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/11/21 15:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/11/21 15:53	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/11/21 15:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 15:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 15:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 15:53	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/11/21 15:53	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/11/21 15:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/11/21 15:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/11/21 15:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 15:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 15:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 15:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/11/21 15:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 15:53	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: MW-4 **Lab ID: 92520901008** Collected: 02/08/21 13:00 Received: 02/08/21 16:56 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		02/11/21 15:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 15:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 15:53	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/11/21 15:53	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/11/21 15:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/11/21 15:53	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/11/21 15:53	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/11/21 15:53	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/11/21 15:53	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/11/21 15:53	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/11/21 15:53	103-65-1	
Styrene	ND	ug/L	0.50	1		02/11/21 15:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 15:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 15:53	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/11/21 15:53	127-18-4	
Toluene	ND	ug/L	0.50	1		02/11/21 15:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 15:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 15:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/11/21 15:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/11/21 15:53	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/11/21 15:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/11/21 15:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/11/21 15:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 15:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 15:53	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/11/21 15:53	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/11/21 15:53	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/11/21 15:53	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	94	%	70-130	1		02/11/21 15:53	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130	1		02/11/21 15:53	460-00-4	
Toluene-d8 (S)	99	%	70-130	1		02/11/21 15:53	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: MW-34 **Lab ID: 92520901009** Collected: 02/08/21 13:20 Received: 02/08/21 16:56 Matrix: Water

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/L	100	1	02/10/21 22:42	02/10/21 22:42		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/10/21 22:42	02/10/21 22:42		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/10/21 22:42	02/10/21 22:42	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/10/21 22:42	02/10/21 22:42	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	91.8	%	70.0-130	1	02/10/21 22:42	02/10/21 22:42	615-59-8FID	
2,5-Dibromotoluene (PID)	84.8	%	70.0-130	1	02/10/21 22:42	02/10/21 22:42	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/10/21 02:01	02/10/21 17:42	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/11/21 16:11	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/11/21 16:11	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/11/21 16:11	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/11/21 16:11	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/11/21 16:11	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/11/21 16:11	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/11/21 16:11	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/11/21 16:11	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/11/21 16:11	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/11/21 16:11	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/11/21 16:11	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/11/21 16:11	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/11/21 16:11	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/11/21 16:11	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 16:11	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 16:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/11/21 16:11	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/11/21 16:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/11/21 16:11	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/11/21 16:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 16:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 16:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 16:11	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/11/21 16:11	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/11/21 16:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/11/21 16:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/11/21 16:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 16:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 16:11	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 16:11	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/11/21 16:11	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 16:11	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: MW-34 **Lab ID: 92520901009** Collected: 02/08/21 13:20 Received: 02/08/21 16:56 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		02/11/21 16:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 16:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 16:11	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/11/21 16:11	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/11/21 16:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/11/21 16:11	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/11/21 16:11	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/11/21 16:11	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/11/21 16:11	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/11/21 16:11	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/11/21 16:11	103-65-1	
Styrene	ND	ug/L	0.50	1		02/11/21 16:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 16:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 16:11	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/11/21 16:11	127-18-4	
Toluene	ND	ug/L	0.50	1		02/11/21 16:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 16:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 16:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/11/21 16:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/11/21 16:11	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/11/21 16:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/11/21 16:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/11/21 16:11	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 16:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 16:11	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/11/21 16:11	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/11/21 16:11	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/11/21 16:11	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	94	%	70-130	1		02/11/21 16:11	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130	1		02/11/21 16:11	460-00-4	
Toluene-d8 (S)	100	%	70-130	1		02/11/21 16:11	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: MW-6 **Lab ID: 92520901010** Collected: 02/08/21 14:15 Received: 02/08/21 16:56 Matrix: Water

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/L	100	1	02/10/21 23:15	02/10/21 23:15		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/10/21 23:15	02/10/21 23:15		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/10/21 23:15	02/10/21 23:15	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/10/21 23:15	02/10/21 23:15	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	98.2	%	70.0-130	1	02/10/21 23:15	02/10/21 23:15	615-59-8FID	
2,5-Dibromotoluene (PID)	90.5	%	70.0-130	1	02/10/21 23:15	02/10/21 23:15	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/10/21 02:01	02/10/21 17:45	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/11/21 16:29	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/11/21 16:29	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/11/21 16:29	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/11/21 16:29	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/11/21 16:29	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/11/21 16:29	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/11/21 16:29	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/11/21 16:29	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/11/21 16:29	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/11/21 16:29	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/11/21 16:29	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/11/21 16:29	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/11/21 16:29	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/11/21 16:29	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 16:29	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 16:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/11/21 16:29	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/11/21 16:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/11/21 16:29	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/11/21 16:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 16:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 16:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 16:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/11/21 16:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/11/21 16:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/11/21 16:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/11/21 16:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 16:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 16:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 16:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/11/21 16:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 16:29	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: MW-6 **Lab ID: 92520901010** Collected: 02/08/21 14:15 Received: 02/08/21 16:56 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		02/11/21 16:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 16:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 16:29	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/11/21 16:29	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/11/21 16:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/11/21 16:29	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/11/21 16:29	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/11/21 16:29	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/11/21 16:29	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/11/21 16:29	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/11/21 16:29	103-65-1	
Styrene	ND	ug/L	0.50	1		02/11/21 16:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 16:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 16:29	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/11/21 16:29	127-18-4	
Toluene	ND	ug/L	0.50	1		02/11/21 16:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 16:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 16:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/11/21 16:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/11/21 16:29	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/11/21 16:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/11/21 16:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/11/21 16:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 16:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 16:29	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/11/21 16:29	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/11/21 16:29	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/11/21 16:29	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	96	%	70-130	1		02/11/21 16:29	17060-07-0	
4-Bromofluorobenzene (S)	93	%	70-130	1		02/11/21 16:29	460-00-4	
Toluene-d8 (S)	100	%	70-130	1		02/11/21 16:29	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: MW-58 **Lab ID: 92520901011** Collected: 02/08/21 14:50 Received: 02/08/21 16:56 Matrix: Water

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/L	100	1	02/10/21 23:48	02/10/21 23:48		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/10/21 23:48	02/10/21 23:48		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/10/21 23:48	02/10/21 23:48	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/10/21 23:48	02/10/21 23:48	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	95.3	%	70.0-130	1	02/10/21 23:48	02/10/21 23:48	615-59-8FID	
2,5-Dibromotoluene (PID)	87.6	%	70.0-130	1	02/10/21 23:48	02/10/21 23:48	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/10/21 02:01	02/10/21 17:55	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/11/21 16:48	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/11/21 16:48	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/11/21 16:48	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/11/21 16:48	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/11/21 16:48	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/11/21 16:48	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/11/21 16:48	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/11/21 16:48	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/11/21 16:48	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/11/21 16:48	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/11/21 16:48	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/11/21 16:48	75-00-3	
Chloroform	**1.6**	ug/L	0.50	1		02/11/21 16:48	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/11/21 16:48	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 16:48	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 16:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/11/21 16:48	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/11/21 16:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/11/21 16:48	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/11/21 16:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 16:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 16:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 16:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/11/21 16:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/11/21 16:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/11/21 16:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/11/21 16:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 16:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 16:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 16:48	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/11/21 16:48	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 16:48	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: MW-58 **Lab ID: 92520901011** Collected: 02/08/21 14:50 Received: 02/08/21 16:56 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		02/11/21 16:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 16:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 16:48	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/11/21 16:48	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/11/21 16:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/11/21 16:48	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/11/21 16:48	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/11/21 16:48	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/11/21 16:48	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/11/21 16:48	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/11/21 16:48	103-65-1	
Styrene	ND	ug/L	0.50	1		02/11/21 16:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 16:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 16:48	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/11/21 16:48	127-18-4	
Toluene	ND	ug/L	0.50	1		02/11/21 16:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 16:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 16:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/11/21 16:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/11/21 16:48	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/11/21 16:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/11/21 16:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/11/21 16:48	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 16:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 16:48	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/11/21 16:48	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/11/21 16:48	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/11/21 16:48	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	94	%	70-130	1		02/11/21 16:48	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130	1		02/11/21 16:48	460-00-4	
Toluene-d8 (S)	99	%	70-130	1		02/11/21 16:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: DUP-1-20210208 **Lab ID: 92520901012** Collected: 02/08/21 00:00 Received: 02/08/21 16:56 Matrix: Water

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/L	100	1	02/11/21 00:21	02/11/21 00:21		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/11/21 00:21	02/11/21 00:21		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/11/21 00:21	02/11/21 00:21	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/11/21 00:21	02/11/21 00:21	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	96.1	%	70.0-130	1	02/11/21 00:21	02/11/21 00:21	615-59-8FID	
2,5-Dibromotoluene (PID)	88.7	%	70.0-130	1	02/11/21 00:21	02/11/21 00:21	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/10/21 02:01	02/10/21 17:58	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/11/21 17:06	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/11/21 17:06	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/11/21 17:06	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/11/21 17:06	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/11/21 17:06	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/11/21 17:06	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/11/21 17:06	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/11/21 17:06	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/11/21 17:06	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/11/21 17:06	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/11/21 17:06	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/11/21 17:06	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/11/21 17:06	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/11/21 17:06	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 17:06	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 17:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/11/21 17:06	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/11/21 17:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/11/21 17:06	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/11/21 17:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 17:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 17:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 17:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/11/21 17:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/11/21 17:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/11/21 17:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/11/21 17:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 17:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 17:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 17:06	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/11/21 17:06	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 17:06	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: DUP-1-20210208 **Lab ID: 92520901012** Collected: 02/08/21 00:00 Received: 02/08/21 16:56 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		02/11/21 17:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 17:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 17:06	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/11/21 17:06	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/11/21 17:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/11/21 17:06	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/11/21 17:06	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/11/21 17:06	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/11/21 17:06	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/11/21 17:06	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/11/21 17:06	103-65-1	
Styrene	ND	ug/L	0.50	1		02/11/21 17:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 17:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 17:06	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/11/21 17:06	127-18-4	
Toluene	ND	ug/L	0.50	1		02/11/21 17:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 17:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 17:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/11/21 17:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/11/21 17:06	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/11/21 17:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/11/21 17:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/11/21 17:06	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 17:06	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 17:06	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/11/21 17:06	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/11/21 17:06	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/11/21 17:06	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	96	%	70-130	1		02/11/21 17:06	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130	1		02/11/21 17:06	460-00-4	
Toluene-d8 (S)	98	%	70-130	1		02/11/21 17:06	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: MW-35 **Lab ID: 92520901013** Collected: 02/08/21 15:50 Received: 02/08/21 16:56 Matrix: Water

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/L	100	1	02/11/21 00:55	02/11/21 00:55		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/11/21 00:55	02/11/21 00:55		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/11/21 00:55	02/11/21 00:55	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/11/21 00:55	02/11/21 00:55	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	97.8	%	70.0-130	1	02/11/21 00:55	02/11/21 00:55	615-59-8FID	
2,5-Dibromotoluene (PID)	90.0	%	70.0-130	1	02/11/21 00:55	02/11/21 00:55	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/10/21 02:01	02/10/21 18:01	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/11/21 17:24	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/11/21 17:24	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/11/21 17:24	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/11/21 17:24	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/11/21 17:24	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/11/21 17:24	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/11/21 17:24	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/11/21 17:24	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/11/21 17:24	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/11/21 17:24	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/11/21 17:24	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/11/21 17:24	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/11/21 17:24	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/11/21 17:24	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 17:24	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 17:24	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/11/21 17:24	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/11/21 17:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/11/21 17:24	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/11/21 17:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 17:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 17:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 17:24	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/11/21 17:24	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/11/21 17:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/11/21 17:24	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/11/21 17:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 17:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 17:24	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 17:24	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/11/21 17:24	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 17:24	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: MW-35 **Lab ID: 92520901013** Collected: 02/08/21 15:50 Received: 02/08/21 16:56 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		02/11/21 17:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 17:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 17:24	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/11/21 17:24	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/11/21 17:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/11/21 17:24	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/11/21 17:24	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/11/21 17:24	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/11/21 17:24	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/11/21 17:24	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/11/21 17:24	103-65-1	
Styrene	ND	ug/L	0.50	1		02/11/21 17:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 17:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 17:24	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/11/21 17:24	127-18-4	
Toluene	ND	ug/L	0.50	1		02/11/21 17:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 17:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 17:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/11/21 17:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/11/21 17:24	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/11/21 17:24	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/11/21 17:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/11/21 17:24	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 17:24	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 17:24	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/11/21 17:24	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/11/21 17:24	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/11/21 17:24	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	94	%	70-130	1		02/11/21 17:24	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130	1		02/11/21 17:24	460-00-4	
Toluene-d8 (S)	100	%	70-130	1		02/11/21 17:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: MW-03 **Lab ID: 92520901014** Collected: 02/08/21 15:55 Received: 02/08/21 16:56 Matrix: Water

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/L	100	1	02/11/21 01:28	02/11/21 01:28		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/11/21 01:28	02/11/21 01:28		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/11/21 01:28	02/11/21 01:28	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/11/21 01:28	02/11/21 01:28	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	98.5	%	70.0-130	1	02/11/21 01:28	02/11/21 01:28	615-59-8FID	
2,5-Dibromotoluene (PID)	90.1	%	70.0-130	1	02/11/21 01:28	02/11/21 01:28	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/10/21 02:01	02/10/21 18:04	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/11/21 17:42	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/11/21 17:42	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/11/21 17:42	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/11/21 17:42	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/11/21 17:42	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/11/21 17:42	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/11/21 17:42	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/11/21 17:42	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/11/21 17:42	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/11/21 17:42	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/11/21 17:42	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/11/21 17:42	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/11/21 17:42	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/11/21 17:42	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 17:42	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 17:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/11/21 17:42	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/11/21 17:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/11/21 17:42	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/11/21 17:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 17:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 17:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 17:42	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/11/21 17:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/11/21 17:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/11/21 17:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/11/21 17:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 17:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 17:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 17:42	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/11/21 17:42	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 17:42	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: MW-03 **Lab ID: 92520901014** Collected: 02/08/21 15:55 Received: 02/08/21 16:56 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		02/11/21 17:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 17:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 17:42	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/11/21 17:42	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/11/21 17:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/11/21 17:42	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/11/21 17:42	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/11/21 17:42	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/11/21 17:42	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/11/21 17:42	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/11/21 17:42	103-65-1	
Styrene	ND	ug/L	0.50	1		02/11/21 17:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 17:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 17:42	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/11/21 17:42	127-18-4	
Toluene	ND	ug/L	0.50	1		02/11/21 17:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 17:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 17:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/11/21 17:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/11/21 17:42	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/11/21 17:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/11/21 17:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/11/21 17:42	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 17:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 17:42	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/11/21 17:42	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/11/21 17:42	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/11/21 17:42	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		02/11/21 17:42	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130	1		02/11/21 17:42	460-00-4	
Toluene-d8 (S)	98	%	70-130	1		02/11/21 17:42	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: FB-1-20210208 **Lab ID: 92520901015** Collected: 02/08/21 15:45 Received: 02/08/21 16:56 Matrix: Water

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/L	100	1	02/10/21 17:44	02/10/21 17:44		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/10/21 17:44	02/10/21 17:44		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/10/21 17:44	02/10/21 17:44	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/10/21 17:44	02/10/21 17:44	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	91.6	%	70.0-130	1	02/10/21 17:44	02/10/21 17:44	615-59-8FID	
2,5-Dibromotoluene (PID)	85.5	%	70.0-130	1	02/10/21 17:44	02/10/21 17:44	615-59-8PID	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/11/21 14:23	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/11/21 14:23	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/11/21 14:23	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/11/21 14:23	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/11/21 14:23	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/11/21 14:23	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/11/21 14:23	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/11/21 14:23	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/11/21 14:23	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/11/21 14:23	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/11/21 14:23	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/11/21 14:23	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/11/21 14:23	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/11/21 14:23	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 14:23	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 14:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/11/21 14:23	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/11/21 14:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/11/21 14:23	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/11/21 14:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 14:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 14:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 14:23	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/11/21 14:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/11/21 14:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/11/21 14:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/11/21 14:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 14:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 14:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 14:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/11/21 14:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 14:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		02/11/21 14:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 14:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 14:23	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/11/21 14:23	108-20-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: FB-1-20210208 **Lab ID: 92520901015** Collected: 02/08/21 15:45 Received: 02/08/21 16:56 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		02/11/21 14:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/11/21 14:23	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/11/21 14:23	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/11/21 14:23	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/11/21 14:23	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/11/21 14:23	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/11/21 14:23	103-65-1	
Styrene	ND	ug/L	0.50	1		02/11/21 14:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 14:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 14:23	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/11/21 14:23	127-18-4	
Toluene	ND	ug/L	0.50	1		02/11/21 14:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 14:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 14:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/11/21 14:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/11/21 14:23	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/11/21 14:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/11/21 14:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/11/21 14:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 14:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 14:23	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/11/21 14:23	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/11/21 14:23	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/11/21 14:23	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	92	%	70-130	1		02/11/21 14:23	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130	1		02/11/21 14:23	460-00-4	
Toluene-d8 (S)	99	%	70-130	1		02/11/21 14:23	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: Trip Blank **Lab ID: 92520901016** Collected: 02/08/21 00:00 Received: 02/08/21 16:56 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		02/11/21 14:41	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/11/21 14:41	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/11/21 14:41	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/11/21 14:41	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/11/21 14:41	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/11/21 14:41	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/11/21 14:41	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/11/21 14:41	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/11/21 14:41	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/11/21 14:41	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/11/21 14:41	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/11/21 14:41	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/11/21 14:41	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/11/21 14:41	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 14:41	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 14:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/11/21 14:41	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/11/21 14:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/11/21 14:41	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/11/21 14:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 14:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 14:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 14:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/11/21 14:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/11/21 14:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/11/21 14:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/11/21 14:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 14:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 14:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 14:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/11/21 14:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 14:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		02/11/21 14:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 14:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 14:41	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/11/21 14:41	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/11/21 14:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/11/21 14:41	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/11/21 14:41	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/11/21 14:41	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/11/21 14:41	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/11/21 14:41	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/11/21 14:41	103-65-1	
Styrene	ND	ug/L	0.50	1		02/11/21 14:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 14:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 14:41	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Sample: Trip Blank **Lab ID: 92520901016** Collected: 02/08/21 00:00 Received: 02/08/21 16:56 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		02/11/21 14:41	127-18-4	
Toluene	ND	ug/L	0.50	1		02/11/21 14:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 14:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 14:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/11/21 14:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/11/21 14:41	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/11/21 14:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/11/21 14:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/11/21 14:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 14:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 14:41	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/11/21 14:41	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/11/21 14:41	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/11/21 14:41	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	95	%	70-130	1		02/11/21 14:41	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130	1		02/11/21 14:41	460-00-4	
Toluene-d8 (S)	100	%	70-130	1		02/11/21 14:41	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

QC Batch: 1619395 | Analysis Method: MADEP VPH
QC Batch Method: MADEPV | Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92520901001, 92520901002, 92520901003, 92520901004, 92520901005, 92520901006, 92520901007, 92520901008, 92520901009, 92520901010, 92520901011, 92520901012, 92520901013, 92520901014, 92520901015

METHOD BLANK: R3621911-3 Matrix: Water

Associated Lab Samples: 92520901001, 92520901002, 92520901003, 92520901004, 92520901005, 92520901006, 92520901007, 92520901008, 92520901009, 92520901010, 92520901011, 92520901012, 92520901013, 92520901014, 92520901015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	02/10/21 16:40	
Aliphatic (C09-C12)	ug/L	ND	100	02/10/21 16:40	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	02/10/21 16:40	
Total VPH	ug/L	ND	100	02/10/21 16:40	
2,5-Dibromotoluene (FID)	%	88.3	70.0-130	02/10/21 16:40	
2,5-Dibromotoluene (PID)	%	82.1	70.0-130	02/10/21 16:40	

LABORATORY CONTROL SAMPLE & LCSD: R3621911-1 R3621911-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1410	1430	117	119	70.0-130	1.41	25	
Aliphatic (C09-C12)	ug/L	1400	1610	1670	115	119	70.0-130	3.66	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	209	219	105	110	70.0-130	4.67	25	
Total VPH	ug/L	2800	3230	3320	115	119	70.0-130	2.75	25	
2,5-Dibromotoluene (FID)	%				96.7	90.2	70.0-130			
2,5-Dibromotoluene (PID)	%				92.2	85.1	70.0-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

QC Batch: 598843 — Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A — Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92520901001, 92520901002, 92520901003, 92520901004, 92520901005, 92520901006, 92520901007, 92520901008, 92520901009, 92520901010, 92520901011, 92520901012, 92520901013, 92520901014

METHOD BLANK: 3157252 — Matrix: Water
Associated Lab Samples: 92520901001, 92520901002, 92520901003, 92520901004, 92520901005, 92520901006, 92520901007, 92520901008, 92520901009, 92520901010, 92520901011, 92520901012, 92520901013, 92520901014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	02/10/21 16:21	

LABORATORY CONTROL SAMPLE: 3157253

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	479	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3157254 3157255

Parameter	Units	92520717001 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	482	479	96	96	75-125	1	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

QC Batch: 598947 | Analysis Method: SM 6200B
QC Batch Method: SM 6200B | Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92520901001, 92520901002, 92520901003, 92520901004, 92520901005, 92520901006, 92520901007

METHOD BLANK: 3157513 Matrix: Water
Associated Lab Samples: 92520901001, 92520901002, 92520901003, 92520901004, 92520901005, 92520901006, 92520901007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	02/10/21 23:15	
1,1,1-Trichloroethane	ug/L	ND	0.50	02/10/21 23:15	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	02/10/21 23:15	
1,1,2-Trichloroethane	ug/L	ND	0.50	02/10/21 23:15	
1,1-Dichloroethane	ug/L	ND	0.50	02/10/21 23:15	
1,1-Dichloroethene	ug/L	ND	0.50	02/10/21 23:15	
1,1-Dichloropropene	ug/L	ND	0.50	02/10/21 23:15	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	02/10/21 23:15	
1,2,3-Trichloropropane	ug/L	ND	0.50	02/10/21 23:15	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	02/10/21 23:15	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	02/10/21 23:15	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	02/10/21 23:15	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	02/10/21 23:15	
1,2-Dichlorobenzene	ug/L	ND	0.50	02/10/21 23:15	
1,2-Dichloroethane	ug/L	ND	0.50	02/10/21 23:15	
1,2-Dichloropropane	ug/L	ND	0.50	02/10/21 23:15	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	02/10/21 23:15	
1,3-Dichlorobenzene	ug/L	ND	0.50	02/10/21 23:15	
1,3-Dichloropropane	ug/L	ND	0.50	02/10/21 23:15	
1,4-Dichlorobenzene	ug/L	ND	0.50	02/10/21 23:15	
2,2-Dichloropropane	ug/L	ND	0.50	02/10/21 23:15	
2-Chlorotoluene	ug/L	ND	0.50	02/10/21 23:15	
4-Chlorotoluene	ug/L	ND	0.50	02/10/21 23:15	
Benzene	ug/L	ND	0.50	02/10/21 23:15	
Bromobenzene	ug/L	ND	0.50	02/10/21 23:15	
Bromochloromethane	ug/L	ND	0.50	02/10/21 23:15	
Bromodichloromethane	ug/L	ND	0.50	02/10/21 23:15	
Bromoform	ug/L	ND	0.50	02/10/21 23:15	
Bromomethane	ug/L	ND	5.0	02/10/21 23:15	
Carbon tetrachloride	ug/L	ND	0.50	02/10/21 23:15	
Chlorobenzene	ug/L	ND	0.50	02/10/21 23:15	
Chloroethane	ug/L	ND	1.0	02/10/21 23:15	
Chloroform	ug/L	ND	0.50	02/10/21 23:15	
Chloromethane	ug/L	ND	1.0	02/10/21 23:15	
cis-1,2-Dichloroethene	ug/L	ND	0.50	02/10/21 23:15	
cis-1,3-Dichloropropene	ug/L	ND	0.50	02/10/21 23:15	
Dibromochloromethane	ug/L	ND	0.50	02/10/21 23:15	
Dibromomethane	ug/L	ND	0.50	02/10/21 23:15	
Dichlorodifluoromethane	ug/L	ND	0.50	02/10/21 23:15	
Diisopropyl ether	ug/L	ND	0.50	02/10/21 23:15	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

METHOD BLANK: 3157513 Matrix: Water
Associated Lab Samples: 92520901001, 92520901002, 92520901003, 92520901004, 92520901005, 92520901006, 92520901007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	02/10/21 23:15	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	02/10/21 23:15	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	02/10/21 23:15	
m&p-Xylene	ug/L	ND	1.0	02/10/21 23:15	
Methyl-tert-butyl ether	ug/L	ND	0.50	02/10/21 23:15	
Methylene Chloride	ug/L	ND	2.0	02/10/21 23:15	
n-Butylbenzene	ug/L	ND	0.50	02/10/21 23:15	
n-Propylbenzene	ug/L	ND	0.50	02/10/21 23:15	
Naphthalene	ug/L	ND	2.0	02/10/21 23:15	
o-Xylene	ug/L	ND	0.50	02/10/21 23:15	
sec-Butylbenzene	ug/L	ND	0.50	02/10/21 23:15	
Styrene	ug/L	ND	0.50	02/10/21 23:15	
tert-Butylbenzene	ug/L	ND	0.50	02/10/21 23:15	
Tetrachloroethene	ug/L	ND	0.50	02/10/21 23:15	
Toluene	ug/L	ND	0.50	02/10/21 23:15	
trans-1,2-Dichloroethene	ug/L	ND	0.50	02/10/21 23:15	
trans-1,3-Dichloropropene	ug/L	ND	0.50	02/10/21 23:15	
Trichloroethene	ug/L	ND	0.50	02/10/21 23:15	
Trichlorofluoromethane	ug/L	ND	1.0	02/10/21 23:15	
Vinyl chloride	ug/L	ND	1.0	02/10/21 23:15	
1,2-Dichloroethane-d4 (S)	%	91	70-130	02/10/21 23:15	
4-Bromofluorobenzene (S)	%	96	70-130	02/10/21 23:15	
Toluene-d8 (S)	%	99	70-130	02/10/21 23:15	

LABORATORY CONTROL SAMPLE: 3157514

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.8	102	60-140	
1,1,1-Trichloroethane	ug/L	50	45.1	90	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	48.1	96	60-140	
1,1,2-Trichloroethane	ug/L	50	48.7	97	60-140	
1,1-Dichloroethane	ug/L	50	43.3	87	60-140	
1,1-Dichloroethene	ug/L	50	43.7	87	60-140	
1,1-Dichloropropene	ug/L	50	44.0	88	60-140	
1,2,3-Trichlorobenzene	ug/L	50	49.1	98	60-140	
1,2,3-Trichloropropane	ug/L	50	48.4	97	60-140	
1,2,4-Trichlorobenzene	ug/L	50	50.9	102	60-140	
1,2,4-Trimethylbenzene	ug/L	50	45.7	91	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	57.1	114	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.7	101	60-140	
1,2-Dichlorobenzene	ug/L	50	49.1	98	60-140	
1,2-Dichloroethane	ug/L	50	41.0	82	60-140	
1,2-Dichloropropane	ug/L	50	45.4	91	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.5	91	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

LABORATORY CONTROL SAMPLE: 3157514

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	45.9	92	60-140	
1,4-Dichlorobenzene	ug/L	50	47.8	96	60-140	
2,2-Dichloropropane	ug/L	50	44.3	89	60-140	
2-Chlorotoluene	ug/L	50	47.1	94	60-140	
4-Chlorotoluene	ug/L	50	45.6	91	60-140	
Benzene	ug/L	50	44.6	89	60-140	
Bromobenzene	ug/L	50	48.3	97	60-140	
Bromochloromethane	ug/L	50	47.5	95	60-140	
Bromodichloromethane	ug/L	50	47.7	95	60-140	
Bromoform	ug/L	50	55.5	111	60-140	
Bromomethane	ug/L	50	51.2	102	60-140	
Carbon tetrachloride	ug/L	50	49.0	98	60-140	
Chlorobenzene	ug/L	50	48.2	96	60-140	
Chloroethane	ug/L	50	49.6	99	60-140	
Chloroform	ug/L	50	43.9	88	60-140	
Chloromethane	ug/L	50	40.5	81	60-140	
cis-1,2-Dichloroethene	ug/L	50	43.0	86	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.2	98	60-140	
Dibromochloromethane	ug/L	50	54.8	110	60-140	
Dibromomethane	ug/L	50	52.3	105	60-140	
Dichlorodifluoromethane	ug/L	50	49.2	98	60-140	
Diisopropyl ether	ug/L	50	40.6	81	60-140	
Ethylbenzene	ug/L	50	47.3	95	60-140	
Hexachloro-1,3-butadiene	ug/L	50	49.3	99	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.2	96	60-140	
m&p-Xylene	ug/L	100	92.6	93	60-140	
Methyl-tert-butyl ether	ug/L	50	44.7	89	60-140	
Methylene Chloride	ug/L	50	39.9	80	60-140	
n-Butylbenzene	ug/L	50	44.5	89	60-140	
n-Propylbenzene	ug/L	50	43.4	87	60-140	
Naphthalene	ug/L	50	52.8	106	60-140	
o-Xylene	ug/L	50	48.3	97	60-140	
sec-Butylbenzene	ug/L	50	45.5	91	60-140	
Styrene	ug/L	50	48.8	98	60-140	
tert-Butylbenzene	ug/L	50	39.5	79	60-140	
Tetrachloroethene	ug/L	50	48.7	97	60-140	
Toluene	ug/L	50	46.1	92	60-140	
trans-1,2-Dichloroethene	ug/L	50	43.8	88	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.8	98	60-140	
Trichloroethene	ug/L	50	49.6	99	60-140	
Trichlorofluoromethane	ug/L	50	42.1	84	60-140	
Vinyl chloride	ug/L	50	43.0	86	60-140	
1,2-Dichloroethane-d4 (S)	%			92	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			97	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3159201 3159202

Parameter	Units	92520734001 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	<21.1	1000	1000	1070	1080	107	108	60-140	1	
1,1,1-Trichloroethane	ug/L	<13.9	1000	1000	969	980	97	98	60-140	1	
1,1,2,2-Tetrachloroethane	ug/L	<9.6	1000	1000	980	1000	98	100	60-140	2	
1,1,2-Trichloroethane	ug/L	<11.6	1000	1000	1040	1030	104	103	60-140	1	
1,1-Dichloroethane	ug/L	<12.2	1000	1000	919	938	92	94	60-140	2	
1,1-Dichloroethene	ug/L	<10.9	1000	1000	934	971	93	97	60-140	4	
1,1-Dichloropropene	ug/L	<17.4	1000	1000	945	971	95	97	60-140	3	
1,2,3-Trichlorobenzene	ug/L	<39.0	1000	1000	1170	1140	117	114	60-140	3	
1,2,3-Trichloropropane	ug/L	<13.6	1000	1000	972	958	97	96	60-140	1	
1,2,4-Trichlorobenzene	ug/L	<21.8	1000	1000	1190	1140	119	114	60-140	4	
1,2,4-Trimethylbenzene	ug/L	794	1000	1000	1710	1830	91	103	60-140	7	
1,2-Dibromo-3-chloropropane	ug/L	<19.2	1000	1000	1170	1190	117	119	60-140	2	
1,2-Dibromoethane (EDB)	ug/L	115	1000	1000	1140	1190	103	108	60-140	4	
1,2-Dichlorobenzene	ug/L	<12.0	1000	1000	1030	1030	103	103	60-140	0	
1,2-Dichloroethane	ug/L	33.7	1000	1000	872	892	84	86	60-140	2	
1,2-Dichloropropane	ug/L	<9.2	1000	1000	957	961	96	96	60-140	0	
1,3,5-Trimethylbenzene	ug/L	<11.4	1000	1000	1220	1260	122	126	60-140	3	
1,3-Dichlorobenzene	ug/L	<12.5	1000	1000	1060	1050	106	105	60-140	1	
1,3-Dichloropropane	ug/L	<17.0	1000	1000	987	985	99	98	60-140	0	
1,4-Dichlorobenzene	ug/L	<12.4	1000	1000	1020	1010	102	101	60-140	0	
2,2-Dichloropropane	ug/L	<14.0	1000	1000	1000	1030	100	103	60-140	3	
2-Chlorotoluene	ug/L	<10.4	1000	1000	1020	1030	102	103	60-140	1	
4-Chlorotoluene	ug/L	<10.3	1000	1000	988	1020	99	102	60-140	3	
Benzene	ug/L	1770	1000	1000	2410	2700	64	93	60-140	11	
Bromobenzene	ug/L	<10.8	1000	1000	1040	1070	104	107	60-140	3	
Bromochloromethane	ug/L	<12.9	1000	1000	943	962	94	96	60-140	2	
Bromodichloromethane	ug/L	<9.2	1000	1000	1000	1020	100	102	60-140	1	
Bromoform	ug/L	<20.2	1000	1000	1110	1100	111	110	60-140	1	
Bromomethane	ug/L	<86.0	1000	1000	1320	1320	132	132	60-140	0	
Carbon tetrachloride	ug/L	<11.6	1000	1000	1100	1100	110	110	60-140	0	
Chlorobenzene	ug/L	<11.2	1000	1000	1010	1020	101	102	60-140	1	
Chloroethane	ug/L	<29.2	1000	1000	983	1070	98	107	60-140	9	
Chloroform	ug/L	<17.6	1000	1000	906	967	91	97	60-140	6	
Chloromethane	ug/L	<20.8	1000	1000	942	956	94	96	60-140	1	
cis-1,2-Dichloroethene	ug/L	<10.4	1000	1000	895	914	90	91	60-140	2	
cis-1,3-Dichloropropene	ug/L	<17.8	1000	1000	1040	1050	104	105	60-140	1	
Dibromochloromethane	ug/L	<20.1	1000	1000	1090	1080	109	108	60-140	1	
Dibromomethane	ug/L	<15.5	1000	1000	1110	1070	111	107	60-140	4	
Dichlorodifluoromethane	ug/L	<14.2	1000	1000	1070	1100	107	110	60-140	3	
Diisopropyl ether	ug/L	<16.7	1000	1000	817	840	82	84	60-140	3	
Ethylbenzene	ug/L	437	1000	1000	1390	1450	95	101	60-140	4	
Hexachloro-1,3-butadiene	ug/L	<60.0	1000	1000	1250	1210	125	121	60-140	3	
Isopropylbenzene (Cumene)	ug/L	40.2	1000	1000	1100	1090	106	105	60-140	0	
m&p-Xylene	ug/L	1890	2000	2000	3580	3840	84	97	60-140	7	
Methyl-tert-butyl ether	ug/L	<22.2	1000	1000	896	915	88	90	60-140	2	
Methylene Chloride	ug/L	<75.0	1000	1000	835	847	84	85	60-140	1	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3159201 3159202

Parameter	Units	92520734001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
n-Butylbenzene	ug/L	<17.6	1000	1000	1060	1080	106	108	60-140	2	
n-Propylbenzene	ug/L	<12.0	1000	1000	1060	1100	106	110	60-140	4	
Naphthalene	ug/L	266	1000	1000	1340	1330	108	106	60-140	1	
o-Xylene	ug/L	1180	1000	1000	2070	2180	89	100	60-140	5	
sec-Butylbenzene	ug/L	<12.3	1000	1000	1050	1050	105	105	60-140	1	
Styrene	ug/L	<12.8	1000	1000	1000	1010	100	101	60-140	0	
tert-Butylbenzene	ug/L	<12.5	1000	1000	871	893	87	89	60-140	3	
Tetrachloroethene	ug/L	<11.6	1000	1000	1060	1060	106	106	60-140	1	
Toluene	ug/L	7460	1000	1000	7200	8200	-25	74	60-140	13	M1
trans-1,2-Dichloroethene	ug/L	<12.8	1000	1000	924	973	92	97	60-140	5	
trans-1,3-Dichloropropene	ug/L	<19.7	1000	1000	1000	1010	100	101	60-140	0	
Trichloroethene	ug/L	<11.6	1000	1000	1080	1060	108	106	60-140	2	
Trichlorofluoromethane	ug/L	<16.8	1000	1000	1070	1070	107	107	60-140	1	
Vinyl chloride	ug/L	<20.4	1000	1000	929	972	93	97	60-140	5	
1,2-Dichloroethane-d4 (S)	%						94	92	70-130		
4-Bromofluorobenzene (S)	%						100	98	70-130		
Toluene-d8 (S)	%						99	98	70-130		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

QC Batch: 599343 | Analysis Method: SM 6200B
QC Batch Method: SM 6200B | Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92520901008, 92520901009, 92520901010, 92520901011, 92520901012, 92520901013, 92520901014, 92520901015, 92520901016

METHOD BLANK: 3159664 Matrix: Water

Associated Lab Samples: 92520901008, 92520901009, 92520901010, 92520901011, 92520901012, 92520901013, 92520901014, 92520901015, 92520901016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	02/11/21 10:47	
1,1,1-Trichloroethane	ug/L	ND	0.50	02/11/21 10:47	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	02/11/21 10:47	
1,1,2-Trichloroethane	ug/L	ND	0.50	02/11/21 10:47	
1,1-Dichloroethane	ug/L	ND	0.50	02/11/21 10:47	
1,1-Dichloroethene	ug/L	ND	0.50	02/11/21 10:47	
1,1-Dichloropropene	ug/L	ND	0.50	02/11/21 10:47	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	02/11/21 10:47	
1,2,3-Trichloropropane	ug/L	ND	0.50	02/11/21 10:47	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	02/11/21 10:47	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	02/11/21 10:47	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	02/11/21 10:47	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	02/11/21 10:47	
1,2-Dichlorobenzene	ug/L	ND	0.50	02/11/21 10:47	
1,2-Dichloroethane	ug/L	ND	0.50	02/11/21 10:47	
1,2-Dichloropropane	ug/L	ND	0.50	02/11/21 10:47	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	02/11/21 10:47	
1,3-Dichlorobenzene	ug/L	ND	0.50	02/11/21 10:47	
1,3-Dichloropropane	ug/L	ND	0.50	02/11/21 10:47	
1,4-Dichlorobenzene	ug/L	ND	0.50	02/11/21 10:47	
2,2-Dichloropropane	ug/L	ND	0.50	02/11/21 10:47	
2-Chlorotoluene	ug/L	ND	0.50	02/11/21 10:47	
4-Chlorotoluene	ug/L	ND	0.50	02/11/21 10:47	
Benzene	ug/L	ND	0.50	02/11/21 10:47	
Bromobenzene	ug/L	ND	0.50	02/11/21 10:47	
Bromochloromethane	ug/L	ND	0.50	02/11/21 10:47	
Bromodichloromethane	ug/L	ND	0.50	02/11/21 10:47	
Bromoform	ug/L	ND	0.50	02/11/21 10:47	
Bromomethane	ug/L	ND	5.0	02/11/21 10:47	
Carbon tetrachloride	ug/L	ND	0.50	02/11/21 10:47	
Chlorobenzene	ug/L	ND	0.50	02/11/21 10:47	
Chloroethane	ug/L	ND	1.0	02/11/21 10:47	
Chloroform	ug/L	ND	0.50	02/11/21 10:47	
Chloromethane	ug/L	ND	1.0	02/11/21 10:47	
cis-1,2-Dichloroethene	ug/L	ND	0.50	02/11/21 10:47	
cis-1,3-Dichloropropene	ug/L	ND	0.50	02/11/21 10:47	
Dibromochloromethane	ug/L	ND	0.50	02/11/21 10:47	
Dibromomethane	ug/L	ND	0.50	02/11/21 10:47	
Dichlorodifluoromethane	ug/L	ND	0.50	02/11/21 10:47	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

METHOD BLANK: 3159664 Matrix: Water

Associated Lab Samples: 92520901008, 92520901009, 92520901010, 92520901011, 92520901012, 92520901013, 92520901014, 92520901015, 92520901016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	0.50	02/11/21 10:47	
Ethylbenzene	ug/L	ND	0.50	02/11/21 10:47	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	02/11/21 10:47	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	02/11/21 10:47	
m&p-Xylene	ug/L	ND	1.0	02/11/21 10:47	
Methyl-tert-butyl ether	ug/L	ND	0.50	02/11/21 10:47	
Methylene Chloride	ug/L	ND	2.0	02/11/21 10:47	
n-Butylbenzene	ug/L	ND	0.50	02/11/21 10:47	
n-Propylbenzene	ug/L	ND	0.50	02/11/21 10:47	
Naphthalene	ug/L	ND	2.0	02/11/21 10:47	
o-Xylene	ug/L	ND	0.50	02/11/21 10:47	
sec-Butylbenzene	ug/L	ND	0.50	02/11/21 10:47	
Styrene	ug/L	ND	0.50	02/11/21 10:47	
tert-Butylbenzene	ug/L	ND	0.50	02/11/21 10:47	
Tetrachloroethene	ug/L	ND	0.50	02/11/21 10:47	
Toluene	ug/L	ND	0.50	02/11/21 10:47	
trans-1,2-Dichloroethene	ug/L	ND	0.50	02/11/21 10:47	
trans-1,3-Dichloropropene	ug/L	ND	0.50	02/11/21 10:47	
Trichloroethene	ug/L	ND	0.50	02/11/21 10:47	
Trichlorofluoromethane	ug/L	ND	1.0	02/11/21 10:47	
Vinyl chloride	ug/L	ND	1.0	02/11/21 10:47	
1,2-Dichloroethane-d4 (S)	%	96	70-130	02/11/21 10:47	
4-Bromofluorobenzene (S)	%	97	70-130	02/11/21 10:47	
Toluene-d8 (S)	%	99	70-130	02/11/21 10:47	

LABORATORY CONTROL SAMPLE: 3159665

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.1	100	60-140	
1,1,1-Trichloroethane	ug/L	50	44.1	88	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	46.5	93	60-140	
1,1,2-Trichloroethane	ug/L	50	49.3	99	60-140	
1,1-Dichloroethane	ug/L	50	41.1	82	60-140	
1,1-Dichloroethene	ug/L	50	41.1	82	60-140	
1,1-Dichloropropene	ug/L	50	41.8	84	60-140	
1,2,3-Trichlorobenzene	ug/L	50	51.0	102	60-140	
1,2,3-Trichloropropane	ug/L	50	46.2	92	60-140	
1,2,4-Trichlorobenzene	ug/L	50	51.6	103	60-140	
1,2,4-Trimethylbenzene	ug/L	50	46.0	92	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	55.4	111	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.0	100	60-140	
1,2-Dichlorobenzene	ug/L	50	48.1	96	60-140	
1,2-Dichloroethane	ug/L	50	39.0	78	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

LABORATORY CONTROL SAMPLE: 3159665

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloropropane	ug/L	50	43.8	88	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.0	90	60-140	
1,3-Dichlorobenzene	ug/L	50	48.4	97	60-140	
1,3-Dichloropropane	ug/L	50	45.3	91	60-140	
1,4-Dichlorobenzene	ug/L	50	46.5	93	60-140	
2,2-Dichloropropane	ug/L	50	45.2	90	60-140	
2-Chlorotoluene	ug/L	50	45.6	91	60-140	
4-Chlorotoluene	ug/L	50	45.4	91	60-140	
Benzene	ug/L	50	43.4	87	60-140	
Bromobenzene	ug/L	50	47.8	96	60-140	
Bromochloromethane	ug/L	50	45.1	90	60-140	
Bromodichloromethane	ug/L	50	47.7	95	60-140	
Bromoform	ug/L	50	53.8	108	60-140	
Bromomethane	ug/L	50	53.3	107	60-140	
Carbon tetrachloride	ug/L	50	47.2	94	60-140	
Chlorobenzene	ug/L	50	47.3	95	60-140	
Chloroethane	ug/L	50	47.2	94	60-140	
Chloroform	ug/L	50	43.5	87	60-140	
Chloromethane	ug/L	50	40.0	80	60-140	
cis-1,2-Dichloroethene	ug/L	50	40.8	82	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.6	99	60-140	
Dibromochloromethane	ug/L	50	53.8	108	60-140	
Dibromomethane	ug/L	50	51.9	104	60-140	
Dichlorodifluoromethane	ug/L	50	44.7	89	60-140	
Diisopropyl ether	ug/L	50	38.2	76	60-140	
Ethylbenzene	ug/L	50	45.5	91	60-140	
Hexachloro-1,3-butadiene	ug/L	50	51.0	102	60-140	
Isopropylbenzene (Cumene)	ug/L	50	47.3	95	60-140	
m&p-Xylene	ug/L	100	90.7	91	60-140	
Methyl-tert-butyl ether	ug/L	50	43.0	86	60-140	
Methylene Chloride	ug/L	50	37.9	76	60-140	
n-Butylbenzene	ug/L	50	45.5	91	60-140	
n-Propylbenzene	ug/L	50	42.8	86	60-140	
Naphthalene	ug/L	50	51.6	103	60-140	
o-Xylene	ug/L	50	47.2	94	60-140	
sec-Butylbenzene	ug/L	50	44.6	89	60-140	
Styrene	ug/L	50	47.6	95	60-140	
tert-Butylbenzene	ug/L	50	38.8	78	60-140	
Tetrachloroethene	ug/L	50	48.0	96	60-140	
Toluene	ug/L	50	44.6	89	60-140	
trans-1,2-Dichloroethene	ug/L	50	41.7	83	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.3	97	60-140	
Trichloroethene	ug/L	50	48.4	97	60-140	
Trichlorofluoromethane	ug/L	50	40.3	81	60-140	
Vinyl chloride	ug/L	50	40.1	80	60-140	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

LABORATORY CONTROL SAMPLE: 3159665

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3159666 3159667

Parameter	Units	92520638001 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	10000	10000	10100	11200	101	112	60-140	10	
1,1,1-Trichloroethane	ug/L	ND	10000	10000	9470	10100	95	101	60-140	6	
1,1,2,2-Tetrachloroethane	ug/L	ND	10000	10000	9130	10200	91	102	60-140	11	
1,1,2-Trichloroethane	ug/L	ND	10000	10000	9930	10400	99	104	60-140	5	
1,1-Dichloroethane	ug/L	ND	10000	10000	8770	9140	88	91	60-140	4	
1,1-Dichloroethene	ug/L	ND	10000	10000	9260	9880	93	99	60-140	7	
1,1-Dichloropropene	ug/L	ND	10000	10000	9000	9830	90	98	60-140	9	
1,2,3-Trichlorobenzene	ug/L	ND	10000	10000	9350	10800	93	108	60-140	15	
1,2,3-Trichloropropane	ug/L	ND	10000	10000	8540	10100	85	101	60-140	16	
1,2,4-Trichlorobenzene	ug/L	ND	10000	10000	9450	11300	94	113	60-140	17	
1,2,4-Trimethylbenzene	ug/L	2000	10000	10000	11600	12200	96	102	60-140	5	
1,2-Dibromo-3-chloropropane	ug/L	ND	10000	10000	9860	12300	99	123	60-140	22	
1,2-Dibromoethane (EDB)	ug/L	ND	10000	10000	9900	10800	99	108	60-140	8	
1,2-Dichlorobenzene	ug/L	ND	10000	10000	9970	10500	100	105	60-140	5	
1,2-Dichloroethane	ug/L	248J	10000	10000	8510	8840	83	86	60-140	4	
1,2-Dichloropropane	ug/L	ND	10000	10000	9030	9590	90	96	60-140	6	
1,3,5-Trimethylbenzene	ug/L	ND	10000	10000	10000	10600	100	106	60-140	5	
1,3-Dichlorobenzene	ug/L	ND	10000	10000	9890	10700	99	107	60-140	8	
1,3-Dichloropropane	ug/L	ND	10000	10000	9230	9940	92	99	60-140	7	
1,4-Dichlorobenzene	ug/L	ND	10000	10000	9630	10200	96	102	60-140	6	
2,2-Dichloropropane	ug/L	ND	10000	10000	8070	8890	81	89	60-140	10	
2-Chlorotoluene	ug/L	ND	10000	10000	9710	10100	97	101	60-140	4	
4-Chlorotoluene	ug/L	ND	10000	10000	9500	10200	95	102	60-140	7	
Benzene	ug/L	15200	10000	10000	23800	24800	86	96	60-140	4	
Bromobenzene	ug/L	ND	10000	10000	9840	10900	98	109	60-140	10	
Bromochloromethane	ug/L	ND	10000	10000	9390	9710	94	97	60-140	3	
Bromodichloromethane	ug/L	ND	10000	10000	9600	10100	96	101	60-140	5	
Bromoform	ug/L	ND	10000	10000	10300	11500	103	115	60-140	12	
Bromomethane	ug/L	ND	10000	10000	8870	11800	89	118	60-140	28	
Carbon tetrachloride	ug/L	ND	10000	10000	10500	10800	105	108	60-140	3	
Chlorobenzene	ug/L	ND	10000	10000	9900	10600	99	106	60-140	7	
Chloroethane	ug/L	ND	10000	10000	10000	10700	100	107	60-140	7	
Chloroform	ug/L	ND	10000	10000	9170	9710	92	97	60-140	6	
Chloromethane	ug/L	ND	10000	10000	8210	8520	82	85	60-140	4	
cis-1,2-Dichloroethene	ug/L	ND	10000	10000	8630	9150	86	91	60-140	6	
cis-1,3-Dichloropropene	ug/L	ND	10000	10000	9650	10100	96	101	60-140	5	
Dibromochloromethane	ug/L	ND	10000	10000	10300	11300	103	113	60-140	10	
Dibromomethane	ug/L	ND	10000	10000	10300	11400	103	114	60-140	10	
Dichlorodifluoromethane	ug/L	ND	10000	10000	9870	10300	99	103	60-140	5	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3159666 3159667

Parameter	Units	92520638001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Diisopropyl ether	ug/L	ND	10000	10000	7750	8300	77	83	60-140	7	
Ethylbenzene	ug/L	1760	10000	10000	11500	12200	97	104	60-140	6	
Hexachloro-1,3-butadiene	ug/L	ND	10000	10000	9930	11400	99	114	60-140	13	
Isopropylbenzene (Cumene)	ug/L	ND	10000	10000	10000	10800	100	108	60-140	8	
m&p-Xylene	ug/L	6120	20000	20000	25100	26700	95	103	60-140	6	
Methyl-tert-butyl ether	ug/L	68400	10000	10000	78100	79300	97	109	60-140	2	
Methylene Chloride	ug/L	ND	10000	10000	7920	8170	79	82	60-140	3	
n-Butylbenzene	ug/L	ND	10000	10000	8900	9970	89	100	60-140	11	
n-Propylbenzene	ug/L	ND	10000	10000	9260	9930	93	99	60-140	7	
Naphthalene	ug/L	975J	10000	10000	10200	12000	92	110	60-140	16	
o-Xylene	ug/L	2370	10000	10000	12200	13000	98	106	60-140	7	
sec-Butylbenzene	ug/L	ND	10000	10000	9520	10200	95	102	60-140	7	
Styrene	ug/L	ND	10000	10000	9950	10800	99	108	60-140	8	
tert-Butylbenzene	ug/L	ND	10000	10000	8400	8840	84	88	60-140	5	
Tetrachloroethene	ug/L	ND	10000	10000	10300	10800	103	108	60-140	5	
Toluene	ug/L	13200	10000	10000	22300	22800	91	96	60-140	2	
trans-1,2-Dichloroethene	ug/L	ND	10000	10000	8800	9280	88	93	60-140	5	
trans-1,3-Dichloropropene	ug/L	ND	10000	10000	9420	10100	94	101	60-140	7	
Trichloroethene	ug/L	ND	10000	10000	10300	11000	103	110	60-140	7	
Trichlorofluoromethane	ug/L	ND	10000	10000	10500	10900	105	109	60-140	4	
Vinyl chloride	ug/L	ND	10000	10000	8660	8880	87	89	60-140	2	
1,2-Dichloroethane-d4 (S)	%						92	96	70-130		
4-Bromofluorobenzene (S)	%						99	100	70-130		
Toluene-d8 (S)	%						97	97	70-130		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Colonial Pipeline (2/8/21)
Pace Project No.: 92520901

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92520901001	**MW-56**	MADEPV	1619395	MADEP VPH	1619395
92520901002	**MW-15**	MADEPV	1619395	MADEP VPH	1619395
92520901003	**MW-2**	MADEPV	1619395	MADEP VPH	1619395
92520901004	**MW-32**	MADEPV	1619395	MADEP VPH	1619395
92520901005	**MW-57**	MADEPV	1619395	MADEP VPH	1619395
92520901006	**MW-12**	MADEPV	1619395	MADEP VPH	1619395
92520901007	**MW-33**	MADEPV	1619395	MADEP VPH	1619395
92520901008	**MW-4**	MADEPV	1619395	MADEP VPH	1619395
92520901009	**MW-34**	MADEPV	1619395	MADEP VPH	1619395
92520901010	**MW-6**	MADEPV	1619395	MADEP VPH	1619395
92520901011	**MW-58**	MADEPV	1619395	MADEP VPH	1619395
92520901012	**DUP-1-20210208**	MADEPV	1619395	MADEP VPH	1619395
92520901013	**MW-35**	MADEPV	1619395	MADEP VPH	1619395
92520901014	**MW-03**	MADEPV	1619395	MADEP VPH	1619395
92520901015	**FB-1-20210208**	MADEPV	1619395	MADEP VPH	1619395
92520901001	**MW-56**	EPA 3010A	598843	EPA 6010D	598872
92520901002	**MW-15**	EPA 3010A	598843	EPA 6010D	598872
92520901003	**MW-2**	EPA 3010A	598843	EPA 6010D	598872
92520901004	**MW-32**	EPA 3010A	598843	EPA 6010D	598872
92520901005	**MW-57**	EPA 3010A	598843	EPA 6010D	598872
92520901006	**MW-12**	EPA 3010A	598843	EPA 6010D	598872
92520901007	**MW-33**	EPA 3010A	598843	EPA 6010D	598872
92520901008	**MW-4**	EPA 3010A	598843	EPA 6010D	598872
92520901009	**MW-34**	EPA 3010A	598843	EPA 6010D	598872
92520901010	**MW-6**	EPA 3010A	598843	EPA 6010D	598872
92520901011	**MW-58**	EPA 3010A	598843	EPA 6010D	598872
92520901012	**DUP-1-20210208**	EPA 3010A	598843	EPA 6010D	598872
92520901013	**MW-35**	EPA 3010A	598843	EPA 6010D	598872
92520901014	**MW-03**	EPA 3010A	598843	EPA 6010D	598872
92520901001	**MW-56**	SM 6200B	598947		
92520901002	**MW-15**	SM 6200B	598947		
92520901003	**MW-2**	SM 6200B	598947		
92520901004	**MW-32**	SM 6200B	598947		
92520901005	**MW-57**	SM 6200B	598947		
92520901006	**MW-12**	SM 6200B	598947		
92520901007	**MW-33**	SM 6200B	598947		
92520901008	**MW-4**	SM 6200B	599343		
92520901009	**MW-34**	SM 6200B	599343		
92520901010	**MW-6**	SM 6200B	599343		
92520901011	**MW-58**	SM 6200B	599343		
92520901012	**DUP-1-20210208**	SM 6200B	599343		
92520901013	**MW-35**	SM 6200B	599343		
92520901014	**MW-03**	SM 6200B	599343		
92520901015	**FB-1-20210208**	SM 6200B	599343		
92520901016	**Trip Blank**	SM 6200B	599343		

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

Sample Condition Upon Receipt

Client Name: AECOM

Project #: WO# : 92520901

92520901

Courier: ☐ Commercial ☐ Fed Ex ☐ Pace ☐ UPS ☐ USPS ☐ Other:____ ☑ Client

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

Date/Initials Person Examining Contents: BC 2-8-21

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

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

Thermometer: ☑ IR Gun ID: 92T064

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 5.2, 5.7 °C Correction Factor: Add/Subtract (°C) -0.1

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 5.1, 5.6

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

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

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

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☑ N/A	8.
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: 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# : 92520901

PM: NMG Due Date: 02/15/21

CLIENT: 92-AECOM CHA

P1

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									\	\			
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7	\				\	\	\	\			\		\	\	\	7									\	\			
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10	\				\	\	\	\			\		\	\	\	7									\	\			
11	\				\	\	\	\			\		\	\	\	7									\	\			
12	\				\	\	\	\			\		\	\	\	7									\	\			

pH Adjustment Log for Preserved Samples

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

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

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

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

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

Project # **WO# : 92520901**

PM: NMG Due Date: 02/15/21

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)	SPST-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1						1										7													
2						1										7													
3						1										7													
4																2													
5																													
6																													
7																													
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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.

Pace Analytical®
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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page : 1 Of 2

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:	Colonial Pipeline
Project #:	

Section C
Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote:	
Pace Project Manager:	nicole.gasiorowski@pacelabs.com,
Pace Profile #:	12518-3

Regulatory Agency
State / Location
NC

SAMPLE ID
One Character per box.
(A-Z, 0-9 / , -)
Sample Ids must be unique

MATRIX	CODE
Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Other	OT
Tissue	TS

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	6200	VPH	6010 Lead	Trip BLANK	Residual Chlorine (Y/N)	92520901
1	MW-56			02/08/21	1030				8			X	X						X	X	X			001
2	MW-15				1035																			002
3	MW-2				1050																			003
4	MW-32				1115																			004
5	MW-57				1155																			005
6	MW-12				1200																			006
7	MW-33				1255																			007
8	MW-4				1300																			008
9	MW-34				1320																			009
10	MW-6				1415																			010
11	MW-58				1450																			011
12	DUP-1-20210208																							012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Ben Wolcott / AECOM	2/8/21	1455	[signature] PACE HLC	2-8-21	1656	5.1	Y	N	Y
							5.6			
							TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Ben Wolcott
SIGNATURE of SAMPLER: [signature]
DATE Signed: 2/8/21

Pace Analytical®
WWW.PACELABS.COM

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page : 2 Of 2

Section A Required Client Information:		Section B Required Project Information:		Section C 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 Fax	Project Name:	Colonial Pipeline	Pace Project Manager:	nicole.gasiorowski@pacelabs.com,
Requested Due Date:		Project #:		Pace Profile #:	12518-3

Regulatory Agency:

State / Location: NC

MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	6200	VPH	6010 Lead	Trip BLANK	Residual Chlorine (Y/N)	92520901
1	MW-35	WT	G	2/9/21	1550				8			X	X						X	X	X			013
2	MW-03	|	|	2/8/21	1555				1			|	|					X	X	X			014
3	FB-1-20210208	|	|	2/8/21	1545				7				X						X	X				015
4	Trip Blank			– Lab Provided					2													X		016
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	Ben Wesolos AECOM	1455		[illegible] Pace	2/8-21	1656	5.1 / 5.6	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed:

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

February 16, 2021

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

RE: Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Dear Andrew Wreschnig:

Enclosed are the analytical results for sample(s) received by the laboratory on February 09, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Nicole Gasiorowski

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

Enclosures

cc: Jeff Morrison, Colonial Pipeline Company

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92521237001	**MW-9**	MADEP VPH	ADM	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92521237002	**MW-59**	MADEP VPH	ADM	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92521237003	**MW-43**	MADEP VPH	ADM	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92521237004	**MW-30**	MADEP VPH	ADM	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92521237005	**MW-1**	MADEP VPH	ADM	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92521237006	**MW-57D**	MADEP VPH	ADM	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92521237007	**MW-72**	MADEP VPH	ADM	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92521237008	**MW-63**	MADEP VPH	ADM	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92521237009	**MW-38**	MADEP VPH	ADM	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92521237010	**MW-25**	MADEP VPH	ADM	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92521237011	**MW-7D**	MADEP VPH	ADM	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92521237012	**MW-29**	MADEP VPH	ADM	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92521237013	**DUP-1-20210209**	MADEP VPH	ADM	6	PAN

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92521237014	**MW-27**	MADEP VPH	ADM	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92521237015	**MW-36D**	MADEP VPH	TPR	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92521237016	**MW-5**	MADEP VPH	TPR	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92521237017	**FB-1-20210209**	MADEP VPH	TPR	6	PAN
		SM 6200B	PM1	63	PASI-C
92521237018	**Trip Blank**	SM 6200B	PM1	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-9 **Lab ID: 92521237001** Collected: 02/09/21 09:50 Received: 02/09/21 17:30 Matrix: Water

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/L	100	1	02/12/21 02:29	02/12/21 02:29		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/12/21 02:29	02/12/21 02:29		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/12/21 02:29	02/12/21 02:29	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/12/21 02:29	02/12/21 02:29	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	104	%	70.0-130	1	02/12/21 02:29	02/12/21 02:29	615-59-8FID	
2,5-Dibromotoluene (PID)	92.4	%	70.0-130	1	02/12/21 02:29	02/12/21 02:29	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/11/21 01:48	02/11/21 20:43	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/12/21 14:53	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/12/21 14:53	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/12/21 14:53	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/12/21 14:53	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/12/21 14:53	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/12/21 14:53	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/12/21 14:53	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/12/21 14:53	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/12/21 14:53	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/12/21 14:53	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/12/21 14:53	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/12/21 14:53	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/12/21 14:53	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/12/21 14:53	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 14:53	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 14:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/12/21 14:53	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/12/21 14:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/12/21 14:53	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/12/21 14:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 14:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 14:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 14:53	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/12/21 14:53	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/12/21 14:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/12/21 14:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/12/21 14:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 14:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 14:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 14:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/12/21 14:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 14:53	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-9 **Lab ID: 92521237001** Collected: 02/09/21 09:50 Received: 02/09/21 17:30 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		02/12/21 14:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 14:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 14:53	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/12/21 14:53	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/12/21 14:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/12/21 14:53	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/12/21 14:53	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/12/21 14:53	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/12/21 14:53	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/12/21 14:53	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/12/21 14:53	103-65-1	
Styrene	ND	ug/L	0.50	1		02/12/21 14:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 14:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 14:53	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/12/21 14:53	127-18-4	
Toluene	ND	ug/L	0.50	1		02/12/21 14:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 14:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 14:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/12/21 14:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/12/21 14:53	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/12/21 14:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/12/21 14:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/12/21 14:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 14:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 14:53	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/12/21 14:53	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/12/21 14:53	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/12/21 14:53	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		02/12/21 14:53	17060-07-0	
4-Bromofluorobenzene (S)	109	%	70-130	1		02/12/21 14:53	460-00-4	
Toluene-d8 (S)	113	%	70-130	1		02/12/21 14:53	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-59 **Lab ID: 92521237002** Collected: 02/09/21 10:00 Received: 02/09/21 17:30 Matrix: Water

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/L	100	1	02/12/21 03:03	02/12/21 03:03		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/12/21 03:03	02/12/21 03:03		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/12/21 03:03	02/12/21 03:03	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/12/21 03:03	02/12/21 03:03	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	106	%	70.0-130	1	02/12/21 03:03	02/12/21 03:03	615-59-8FID	
2,5-Dibromotoluene (PID)	94.1	%	70.0-130	1	02/12/21 03:03	02/12/21 03:03	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/11/21 01:48	02/11/21 20:46	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/12/21 15:10	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/12/21 15:10	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/12/21 15:10	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/12/21 15:10	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/12/21 15:10	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/12/21 15:10	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/12/21 15:10	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/12/21 15:10	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/12/21 15:10	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/12/21 15:10	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/12/21 15:10	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/12/21 15:10	75-00-3	
Chloroform	**0.68**	ug/L	0.50	1		02/12/21 15:10	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/12/21 15:10	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 15:10	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 15:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/12/21 15:10	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/12/21 15:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/12/21 15:10	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/12/21 15:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 15:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 15:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 15:10	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/12/21 15:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/12/21 15:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/12/21 15:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/12/21 15:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 15:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 15:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 15:10	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/12/21 15:10	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 15:10	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-59 **Lab ID: 92521237002** Collected: 02/09/21 10:00 Received: 02/09/21 17:30 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		02/12/21 15:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 15:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 15:10	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/12/21 15:10	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/12/21 15:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/12/21 15:10	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/12/21 15:10	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/12/21 15:10	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/12/21 15:10	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/12/21 15:10	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/12/21 15:10	103-65-1	
Styrene	ND	ug/L	0.50	1		02/12/21 15:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 15:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 15:10	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/12/21 15:10	127-18-4	
Toluene	ND	ug/L	0.50	1		02/12/21 15:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 15:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 15:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/12/21 15:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/12/21 15:10	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/12/21 15:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/12/21 15:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/12/21 15:10	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 15:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 15:10	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/12/21 15:10	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/12/21 15:10	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/12/21 15:10	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		02/12/21 15:10	17060-07-0	
4-Bromofluorobenzene (S)	108	%	70-130	1		02/12/21 15:10	460-00-4	
Toluene-d8 (S)	114	%	70-130	1		02/12/21 15:10	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-43 **Lab ID: 92521237003** Collected: 02/09/21 13:50 Received: 02/09/21 17:30 Matrix: Water

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/L	100	1	02/12/21 03:37	02/12/21 03:37		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/12/21 03:37	02/12/21 03:37		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/12/21 03:37	02/12/21 03:37	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/12/21 03:37	02/12/21 03:37	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	105	%	70.0-130	1	02/12/21 03:37	02/12/21 03:37	615-59-8FID	
2,5-Dibromotoluene (PID)	94.9	%	70.0-130	1	02/12/21 03:37	02/12/21 03:37	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/11/21 01:48	02/11/21 23:44	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/12/21 15:28	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/12/21 15:28	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/12/21 15:28	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/12/21 15:28	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/12/21 15:28	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/12/21 15:28	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/12/21 15:28	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/12/21 15:28	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/12/21 15:28	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/12/21 15:28	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/12/21 15:28	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/12/21 15:28	75-00-3	
Chloroform	**0.59**	ug/L	0.50	1		02/12/21 15:28	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/12/21 15:28	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 15:28	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 15:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/12/21 15:28	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/12/21 15:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/12/21 15:28	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/12/21 15:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 15:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 15:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 15:28	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/12/21 15:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/12/21 15:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/12/21 15:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/12/21 15:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 15:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 15:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 15:28	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/12/21 15:28	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 15:28	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-43 **Lab ID: 92521237003** Collected: 02/09/21 13:50 Received: 02/09/21 17:30 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		02/12/21 15:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 15:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 15:28	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/12/21 15:28	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/12/21 15:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/12/21 15:28	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/12/21 15:28	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/12/21 15:28	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/12/21 15:28	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/12/21 15:28	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/12/21 15:28	103-65-1	
Styrene	ND	ug/L	0.50	1		02/12/21 15:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 15:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 15:28	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/12/21 15:28	127-18-4	
Toluene	ND	ug/L	0.50	1		02/12/21 15:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 15:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 15:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/12/21 15:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/12/21 15:28	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/12/21 15:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/12/21 15:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/12/21 15:28	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 15:28	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 15:28	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/12/21 15:28	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/12/21 15:28	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/12/21 15:28	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	112	%	70-130	1		02/12/21 15:28	17060-07-0	
4-Bromofluorobenzene (S)	105	%	70-130	1		02/12/21 15:28	460-00-4	
Toluene-d8 (S)	117	%	70-130	1		02/12/21 15:28	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-30 **Lab ID: 92521237004** Collected: 02/09/21 12:00 Received: 02/09/21 17:30 Matrix: Water

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/L	100	1	02/12/21 04:11	02/12/21 04:11		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/12/21 04:11	02/12/21 04:11		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/12/21 04:11	02/12/21 04:11	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/12/21 04:11	02/12/21 04:11	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	90.3	%	70.0-130	1	02/12/21 04:11	02/12/21 04:11	615-59-8FID	
2,5-Dibromotoluene (PID)	80.8	%	70.0-130	1	02/12/21 04:11	02/12/21 04:11	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/11/21 01:48	02/11/21 23:47	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/12/21 15:46	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/12/21 15:46	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/12/21 15:46	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/12/21 15:46	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/12/21 15:46	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/12/21 15:46	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/12/21 15:46	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/12/21 15:46	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/12/21 15:46	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/12/21 15:46	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/12/21 15:46	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/12/21 15:46	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/12/21 15:46	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/12/21 15:46	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 15:46	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 15:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/12/21 15:46	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/12/21 15:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/12/21 15:46	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/12/21 15:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 15:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 15:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 15:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/12/21 15:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/12/21 15:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/12/21 15:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/12/21 15:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 15:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 15:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 15:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/12/21 15:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 15:46	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-30 **Lab ID: 92521237004** Collected: 02/09/21 12:00 Received: 02/09/21 17:30 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		02/12/21 15:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 15:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 15:46	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/12/21 15:46	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/12/21 15:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/12/21 15:46	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/12/21 15:46	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/12/21 15:46	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/12/21 15:46	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/12/21 15:46	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/12/21 15:46	103-65-1	
Styrene	ND	ug/L	0.50	1		02/12/21 15:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 15:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 15:46	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/12/21 15:46	127-18-4	
Toluene	ND	ug/L	0.50	1		02/12/21 15:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 15:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 15:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/12/21 15:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/12/21 15:46	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/12/21 15:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/12/21 15:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/12/21 15:46	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 15:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 15:46	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/12/21 15:46	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/12/21 15:46	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/12/21 15:46	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		02/12/21 15:46	17060-07-0	
4-Bromofluorobenzene (S)	112	%	70-130	1		02/12/21 15:46	460-00-4	
Toluene-d8 (S)	110	%	70-130	1		02/12/21 15:46	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-1 **Lab ID: 92521237005** Collected: 02/09/21 12:20 Received: 02/09/21 17:30 Matrix: Water

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/L	100	1	02/12/21 04:45	02/12/21 04:45		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/12/21 04:45	02/12/21 04:45		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/12/21 04:45	02/12/21 04:45	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/12/21 04:45	02/12/21 04:45	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	109	%	70.0-130	1	02/12/21 04:45	02/12/21 04:45	615-59-8FID	
2,5-Dibromotoluene (PID)	97.5	%	70.0-130	1	02/12/21 04:45	02/12/21 04:45	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/11/21 01:48	02/11/21 23:57	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/12/21 13:06	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/12/21 13:06	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/12/21 13:06	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/12/21 13:06	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/12/21 13:06	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/12/21 13:06	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/12/21 13:06	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/12/21 13:06	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/12/21 13:06	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/12/21 13:06	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/12/21 13:06	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/12/21 13:06	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/12/21 13:06	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/12/21 13:06	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 13:06	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 13:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/12/21 13:06	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/12/21 13:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/12/21 13:06	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/12/21 13:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 13:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 13:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 13:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/12/21 13:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/12/21 13:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/12/21 13:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/12/21 13:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 13:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 13:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 13:06	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/12/21 13:06	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 13:06	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-1 **Lab ID: 92521237005** Collected: 02/09/21 12:20 Received: 02/09/21 17:30 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		02/12/21 13:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 13:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 13:06	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/12/21 13:06	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/12/21 13:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/12/21 13:06	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/12/21 13:06	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/12/21 13:06	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/12/21 13:06	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/12/21 13:06	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/12/21 13:06	103-65-1	
Styrene	ND	ug/L	0.50	1		02/12/21 13:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 13:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 13:06	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/12/21 13:06	127-18-4	
Toluene	ND	ug/L	0.50	1		02/12/21 13:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 13:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 13:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/12/21 13:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/12/21 13:06	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/12/21 13:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/12/21 13:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/12/21 13:06	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 13:06	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 13:06	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/12/21 13:06	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/12/21 13:06	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/12/21 13:06	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		02/12/21 13:06	17060-07-0	
4-Bromofluorobenzene (S)	114	%	70-130	1		02/12/21 13:06	460-00-4	
Toluene-d8 (S)	113	%	70-130	1		02/12/21 13:06	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-57D **Lab ID: 92521237006** Collected: 02/09/21 10:20 Received: 02/09/21 17:30 Matrix: Water

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/L	100	1	02/12/21 05:20	02/12/21 05:20		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/12/21 05:20	02/12/21 05:20		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/12/21 05:20	02/12/21 05:20	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/12/21 05:20	02/12/21 05:20	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	112	%	70.0-130	1	02/12/21 05:20	02/12/21 05:20	615-59-8FID	
2,5-Dibromotoluene (PID)	99.8	%	70.0-130	1	02/12/21 05:20	02/12/21 05:20	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	**22.8**	ug/L	5.0	1	02/11/21 01:48	02/12/21 00:00	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/12/21 17:15	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/12/21 17:15	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/12/21 17:15	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/12/21 17:15	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/12/21 17:15	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/12/21 17:15	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/12/21 17:15	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/12/21 17:15	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/12/21 17:15	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/12/21 17:15	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/12/21 17:15	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/12/21 17:15	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/12/21 17:15	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/12/21 17:15	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 17:15	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 17:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/12/21 17:15	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/12/21 17:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/12/21 17:15	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/12/21 17:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 17:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 17:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 17:15	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/12/21 17:15	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/12/21 17:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/12/21 17:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/12/21 17:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 17:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 17:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 17:15	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/12/21 17:15	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 17:15	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-57D **Lab ID: 92521237006** Collected: 02/09/21 10:20 Received: 02/09/21 17:30 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		02/12/21 17:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 17:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 17:15	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/12/21 17:15	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/12/21 17:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/12/21 17:15	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/12/21 17:15	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/12/21 17:15	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/12/21 17:15	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/12/21 17:15	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/12/21 17:15	103-65-1	
Styrene	ND	ug/L	0.50	1		02/12/21 17:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 17:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 17:15	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/12/21 17:15	127-18-4	
Toluene	ND	ug/L	0.50	1		02/12/21 17:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 17:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 17:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/12/21 17:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/12/21 17:15	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/12/21 17:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/12/21 17:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/12/21 17:15	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 17:15	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 17:15	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/12/21 17:15	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/12/21 17:15	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/12/21 17:15	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		02/12/21 17:15	17060-07-0	
4-Bromofluorobenzene (S)	110	%	70-130	1		02/12/21 17:15	460-00-4	
Toluene-d8 (S)	96	%	70-130	1		02/12/21 17:15	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-72 **Lab ID: 92521237007** Collected: 02/09/21 12:15 Received: 02/09/21 17:30 Matrix: Water

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/L	100	1	02/12/21 05:54	02/12/21 05:54		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/12/21 05:54	02/12/21 05:54		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/12/21 05:54	02/12/21 05:54	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/12/21 05:54	02/12/21 05:54	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	111	%	70.0-130	1	02/12/21 05:54	02/12/21 05:54	615-59-8FID	
2,5-Dibromotoluene (PID)	99.7	%	70.0-130	1	02/12/21 05:54	02/12/21 05:54	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	**8.4**	ug/L	5.0	1	02/11/21 01:48	02/12/21 00:03	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/12/21 16:57	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/12/21 16:57	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/12/21 16:57	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/12/21 16:57	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/12/21 16:57	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/12/21 16:57	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/12/21 16:57	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/12/21 16:57	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/12/21 16:57	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/12/21 16:57	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/12/21 16:57	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/12/21 16:57	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/12/21 16:57	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/12/21 16:57	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 16:57	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 16:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/12/21 16:57	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/12/21 16:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/12/21 16:57	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/12/21 16:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 16:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 16:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 16:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/12/21 16:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/12/21 16:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/12/21 16:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/12/21 16:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 16:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 16:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 16:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/12/21 16:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 16:57	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-72 **Lab ID: 92521237007** Collected: 02/09/21 12:15 Received: 02/09/21 17:30 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		02/12/21 16:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 16:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 16:57	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/12/21 16:57	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/12/21 16:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/12/21 16:57	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/12/21 16:57	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/12/21 16:57	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/12/21 16:57	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/12/21 16:57	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/12/21 16:57	103-65-1	
Styrene	ND	ug/L	0.50	1		02/12/21 16:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 16:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 16:57	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/12/21 16:57	127-18-4	
Toluene	ND	ug/L	0.50	1		02/12/21 16:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 16:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 16:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/12/21 16:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/12/21 16:57	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/12/21 16:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/12/21 16:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/12/21 16:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 16:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 16:57	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/12/21 16:57	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/12/21 16:57	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/12/21 16:57	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		02/12/21 16:57	17060-07-0	
4-Bromofluorobenzene (S)	110	%	70-130	1		02/12/21 16:57	460-00-4	
Toluene-d8 (S)	102	%	70-130	1		02/12/21 16:57	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-63 **Lab ID: 92521237008** Collected: 02/09/21 11:25 Received: 02/09/21 17:30 Matrix: Water

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/L	100	1	02/12/21 06:28	02/12/21 06:28		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/12/21 06:28	02/12/21 06:28		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/12/21 06:28	02/12/21 06:28	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/12/21 06:28	02/12/21 06:28	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	112	%	70.0-130	1	02/12/21 06:28	02/12/21 06:28	615-59-8FID	
2,5-Dibromotoluene (PID)	101	%	70.0-130	1	02/12/21 06:28	02/12/21 06:28	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/11/21 01:48	02/12/21 00:06	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/12/21 16:04	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/12/21 16:04	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/12/21 16:04	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/12/21 16:04	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/12/21 16:04	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/12/21 16:04	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/12/21 16:04	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/12/21 16:04	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/12/21 16:04	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/12/21 16:04	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/12/21 16:04	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/12/21 16:04	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/12/21 16:04	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/12/21 16:04	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 16:04	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 16:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/12/21 16:04	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/12/21 16:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/12/21 16:04	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/12/21 16:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 16:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 16:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 16:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/12/21 16:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/12/21 16:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/12/21 16:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/12/21 16:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 16:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 16:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 16:04	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/12/21 16:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 16:04	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-63 **Lab ID: 92521237008** Collected: 02/09/21 11:25 Received: 02/09/21 17:30 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		02/12/21 16:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 16:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 16:04	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/12/21 16:04	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/12/21 16:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/12/21 16:04	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/12/21 16:04	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/12/21 16:04	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/12/21 16:04	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/12/21 16:04	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/12/21 16:04	103-65-1	
Styrene	ND	ug/L	0.50	1		02/12/21 16:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 16:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 16:04	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/12/21 16:04	127-18-4	
Toluene	ND	ug/L	0.50	1		02/12/21 16:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 16:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 16:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/12/21 16:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/12/21 16:04	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/12/21 16:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/12/21 16:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/12/21 16:04	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 16:04	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 16:04	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/12/21 16:04	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/12/21 16:04	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/12/21 16:04	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	111	%	70-130	1		02/12/21 16:04	17060-07-0	
4-Bromofluorobenzene (S)	110	%	70-130	1		02/12/21 16:04	460-00-4	
Toluene-d8 (S)	118	%	70-130	1		02/12/21 16:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-38 **Lab ID: 92521237009** Collected: 02/09/21 14:30 Received: 02/09/21 17:30 Matrix: Water

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)	**443**	ug/L	100	1	02/12/21 07:02	02/12/21 07:02		
Aliphatic (C09-C12)	**135**	ug/L	100	1	02/12/21 07:02	02/12/21 07:02		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/12/21 07:02	02/12/21 07:02	TPHC9C10A	
Total VPH	**622**	ug/L	100	1	02/12/21 07:02	02/12/21 07:02	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	114	%	70.0-130	1	02/12/21 07:02	02/12/21 07:02	615-59-8FID	
2,5-Dibromotoluene (PID)	103	%	70.0-130	1	02/12/21 07:02	02/12/21 07:02	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/11/21 01:48	02/12/21 00:09	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	**121**	ug/L	0.50	1		02/12/21 16:39	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/12/21 16:39	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/12/21 16:39	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/12/21 16:39	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/12/21 16:39	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/12/21 16:39	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/12/21 16:39	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/12/21 16:39	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/12/21 16:39	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/12/21 16:39	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/12/21 16:39	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/12/21 16:39	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/12/21 16:39	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/12/21 16:39	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 16:39	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 16:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/12/21 16:39	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/12/21 16:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/12/21 16:39	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/12/21 16:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 16:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 16:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 16:39	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/12/21 16:39	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/12/21 16:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/12/21 16:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/12/21 16:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 16:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 16:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 16:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/12/21 16:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 16:39	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-38 **Lab ID: 92521237009** Collected: 02/09/21 14:30 Received: 02/09/21 17:30 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		02/12/21 16:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 16:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 16:39	10061-02-6	
Diisopropyl ether	**59.7**	ug/L	0.50	1		02/12/21 16:39	108-20-3	
Ethylbenzene	**4.9**	ug/L	0.50	1		02/12/21 16:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/12/21 16:39	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/12/21 16:39	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/12/21 16:39	75-09-2	
Methyl-tert-butyl ether	**22.2**	ug/L	0.50	1		02/12/21 16:39	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/12/21 16:39	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/12/21 16:39	103-65-1	
Styrene	ND	ug/L	0.50	1		02/12/21 16:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 16:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 16:39	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/12/21 16:39	127-18-4	
Toluene	**39.1**	ug/L	0.50	1		02/12/21 16:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 16:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 16:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/12/21 16:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/12/21 16:39	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/12/21 16:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/12/21 16:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/12/21 16:39	96-18-4	
1,2,4-Trimethylbenzene	**5.1**	ug/L	0.50	1		02/12/21 16:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 16:39	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/12/21 16:39	75-01-4	
m&p-Xylene	**47.8**	ug/L	1.0	1		02/12/21 16:39	179601-23-1	
o-Xylene	**32.0**	ug/L	0.50	1		02/12/21 16:39	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		02/12/21 16:39	17060-07-0	
4-Bromofluorobenzene (S)	108	%	70-130	1		02/12/21 16:39	460-00-4	
Toluene-d8 (S)	99	%	70-130	1		02/12/21 16:39	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-25 **Lab ID: 92521237010** Collected: 02/09/21 14:45 Received: 02/09/21 17:30 Matrix: Water

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/L	100	1	02/12/21 07:36	02/12/21 07:36		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/12/21 07:36	02/12/21 07:36		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/12/21 07:36	02/12/21 07:36	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/12/21 07:36	02/12/21 07:36	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	112	%	70.0-130	1	02/12/21 07:36	02/12/21 07:36	615-59-8FID	
2,5-Dibromotoluene (PID)	100	%	70.0-130	1	02/12/21 07:36	02/12/21 07:36	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/11/21 01:48	02/12/21 00:13	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/12/21 16:21	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/12/21 16:21	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/12/21 16:21	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/12/21 16:21	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/12/21 16:21	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/12/21 16:21	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/12/21 16:21	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/12/21 16:21	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/12/21 16:21	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/12/21 16:21	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/12/21 16:21	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/12/21 16:21	75-00-3	
Chloroform	**0.99**	ug/L	0.50	1		02/12/21 16:21	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/12/21 16:21	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 16:21	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 16:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/12/21 16:21	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/12/21 16:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/12/21 16:21	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/12/21 16:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 16:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 16:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 16:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/12/21 16:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/12/21 16:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/12/21 16:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/12/21 16:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 16:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 16:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 16:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/12/21 16:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 16:21	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-25 **Lab ID: 92521237010** Collected: 02/09/21 14:45 Received: 02/09/21 17:30 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		02/12/21 16:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 16:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 16:21	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/12/21 16:21	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/12/21 16:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/12/21 16:21	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/12/21 16:21	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/12/21 16:21	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/12/21 16:21	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/12/21 16:21	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/12/21 16:21	103-65-1	
Styrene	ND	ug/L	0.50	1		02/12/21 16:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 16:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 16:21	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/12/21 16:21	127-18-4	
Toluene	ND	ug/L	0.50	1		02/12/21 16:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 16:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 16:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/12/21 16:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/12/21 16:21	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/12/21 16:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/12/21 16:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/12/21 16:21	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 16:21	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 16:21	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/12/21 16:21	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/12/21 16:21	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/12/21 16:21	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	106	%	70-130	1		02/12/21 16:21	17060-07-0	
4-Bromofluorobenzene (S)	108	%	70-130	1		02/12/21 16:21	460-00-4	
Toluene-d8 (S)	109	%	70-130	1		02/12/21 16:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-7D **Lab ID: 92521237011** Collected: 02/09/21 14:20 Received: 02/09/21 17:30 Matrix: Water

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)	**360**	ug/L	100	1	02/12/21 08:10	02/12/21 08:10		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/12/21 08:10	02/12/21 08:10		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/12/21 08:10	02/12/21 08:10	TPHC9C10A	
Total VPH	**360**	ug/L	100	1	02/12/21 08:10	02/12/21 08:10	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	114	%	70.0-130	1	02/12/21 08:10	02/12/21 08:10	615-59-8FID	
2,5-Dibromotoluene (PID)	102	%	70.0-130	1	02/12/21 08:10	02/12/21 08:10	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/11/21 01:48	02/12/21 00:16	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	2		02/15/21 15:34	71-43-2	
Bromobenzene	ND	ug/L	1.0	2		02/15/21 15:34	108-86-1	
Bromochloromethane	ND	ug/L	1.0	2		02/15/21 15:34	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	2		02/15/21 15:34	75-27-4	
Bromoform	ND	ug/L	1.0	2		02/15/21 15:34	75-25-2	
Bromomethane	ND	ug/L	10.0	2		02/15/21 15:34	74-83-9	
n-Butylbenzene	ND	ug/L	1.0	2		02/15/21 15:34	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	2		02/15/21 15:34	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	2		02/15/21 15:34	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	2		02/15/21 15:34	56-23-5	
Chlorobenzene	ND	ug/L	1.0	2		02/15/21 15:34	108-90-7	
Chloroethane	ND	ug/L	2.0	2		02/15/21 15:34	75-00-3	
Chloroform	ND	ug/L	1.0	2		02/15/21 15:34	67-66-3	
Chloromethane	ND	ug/L	2.0	2		02/15/21 15:34	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	2		02/15/21 15:34	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	2		02/15/21 15:34	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2		02/15/21 15:34	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	2		02/15/21 15:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	2		02/15/21 15:34	106-93-4	
Dibromomethane	ND	ug/L	1.0	2		02/15/21 15:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	2		02/15/21 15:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	2		02/15/21 15:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	2		02/15/21 15:34	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	2		02/15/21 15:34	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	2		02/15/21 15:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	2		02/15/21 15:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	2		02/15/21 15:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	2		02/15/21 15:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	2		02/15/21 15:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	2		02/15/21 15:34	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	2		02/15/21 15:34	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	2		02/15/21 15:34	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-7D **Lab ID: 92521237011** Collected: 02/09/21 14:20 Received: 02/09/21 17:30 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	1.0	2		02/15/21 15:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	2		02/15/21 15:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	2		02/15/21 15:34	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	2		02/15/21 15:34	108-20-3	
Ethylbenzene	ND	ug/L	1.0	2		02/15/21 15:34	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	2		02/15/21 15:34	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	2		02/15/21 15:34	98-82-8	
Methylene Chloride	ND	ug/L	4.0	2		02/15/21 15:34	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	1.0	2		02/15/21 15:34	1634-04-4	
Naphthalene	ND	ug/L	4.0	2		02/15/21 15:34	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	2		02/15/21 15:34	103-65-1	
Styrene	ND	ug/L	1.0	2		02/15/21 15:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	2		02/15/21 15:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	2		02/15/21 15:34	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	2		02/15/21 15:34	127-18-4	
Toluene	**184**	ug/L	1.0	2		02/15/21 15:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	4.0	2		02/15/21 15:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	4.0	2		02/15/21 15:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	2		02/15/21 15:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	2		02/15/21 15:34	79-00-5	
Trichloroethene	ND	ug/L	1.0	2		02/15/21 15:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	2.0	2		02/15/21 15:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	2		02/15/21 15:34	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	2		02/15/21 15:34	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	2		02/15/21 15:34	108-67-8	
Vinyl chloride	ND	ug/L	2.0	2		02/15/21 15:34	75-01-4	
m&p-Xylene	ND	ug/L	2.0	2		02/15/21 15:34	179601-23-1	
o-Xylene	ND	ug/L	1.0	2		02/15/21 15:34	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	95	%	70-130	2		02/15/21 15:34	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130	2		02/15/21 15:34	460-00-4	
Toluene-d8 (S)	96	%	70-130	2		02/15/21 15:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-29 **Lab ID: 92521237012** Collected: 02/09/21 15:10 Received: 02/09/21 17:30 Matrix: Water

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/L	100	1	02/12/21 08:45	02/12/21 08:45		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/12/21 08:45	02/12/21 08:45		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/12/21 08:45	02/12/21 08:45	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/12/21 08:45	02/12/21 08:45	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	112	%	70.0-130	1	02/12/21 08:45	02/12/21 08:45	615-59-8FID	
2,5-Dibromotoluene (PID)	98.5	%	70.0-130	1	02/12/21 08:45	02/12/21 08:45	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/11/21 01:48	02/12/21 00:19	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/12/21 12:48	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/12/21 12:48	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/12/21 12:48	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/12/21 12:48	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/12/21 12:48	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/12/21 12:48	74-83-9	M1
n-Butylbenzene	ND	ug/L	0.50	1		02/12/21 12:48	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/12/21 12:48	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/12/21 12:48	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/12/21 12:48	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/12/21 12:48	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/12/21 12:48	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/12/21 12:48	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/12/21 12:48	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 12:48	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 12:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/12/21 12:48	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/12/21 12:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/12/21 12:48	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/12/21 12:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 12:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 12:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 12:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/12/21 12:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/12/21 12:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/12/21 12:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/12/21 12:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 12:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 12:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 12:48	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/12/21 12:48	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 12:48	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-29 **Lab ID: 92521237012** Collected: 02/09/21 15:10 Received: 02/09/21 17:30 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		02/12/21 12:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 12:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 12:48	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/12/21 12:48	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/12/21 12:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/12/21 12:48	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/12/21 12:48	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/12/21 12:48	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/12/21 12:48	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/12/21 12:48	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/12/21 12:48	103-65-1	
Styrene	ND	ug/L	0.50	1		02/12/21 12:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 12:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 12:48	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/12/21 12:48	127-18-4	
Toluene	**1.0**	ug/L	0.50	1		02/12/21 12:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 12:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 12:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/12/21 12:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/12/21 12:48	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/12/21 12:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/12/21 12:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/12/21 12:48	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 12:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 12:48	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/12/21 12:48	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/12/21 12:48	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/12/21 12:48	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	111	%	70-130	1		02/12/21 12:48	17060-07-0	
4-Bromofluorobenzene (S)	105	%	70-130	1		02/12/21 12:48	460-00-4	
Toluene-d8 (S)	112	%	70-130	1		02/12/21 12:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: DUP-1-20210209 **Lab ID: 92521237013** Collected: 02/09/21 00:00 Received: 02/09/21 17:30 Matrix: Water

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/L	100	1	02/12/21 09:19	02/12/21 09:19		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/12/21 09:19	02/12/21 09:19		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/12/21 09:19	02/12/21 09:19	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/12/21 09:19	02/12/21 09:19	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	112	%	70.0-130	1	02/12/21 09:19	02/12/21 09:19	615-59-8FID	
2,5-Dibromotoluene (PID)	102	%	70.0-130	1	02/12/21 09:19	02/12/21 09:19	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/11/21 01:48	02/12/21 00:22	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/12/21 17:51	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/12/21 17:51	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/12/21 17:51	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/12/21 17:51	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/12/21 17:51	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/12/21 17:51	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/12/21 17:51	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/12/21 17:51	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/12/21 17:51	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/12/21 17:51	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/12/21 17:51	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/12/21 17:51	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/12/21 17:51	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/12/21 17:51	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 17:51	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 17:51	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/12/21 17:51	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/12/21 17:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/12/21 17:51	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/12/21 17:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 17:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 17:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 17:51	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/12/21 17:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/12/21 17:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/12/21 17:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/12/21 17:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 17:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 17:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 17:51	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/12/21 17:51	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 17:51	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: DUP-1-20210209 **Lab ID: 92521237013** Collected: 02/09/21 00:00 Received: 02/09/21 17:30 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		02/12/21 17:51	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 17:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 17:51	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/12/21 17:51	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/12/21 17:51	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/12/21 17:51	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/12/21 17:51	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/12/21 17:51	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/12/21 17:51	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/12/21 17:51	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/12/21 17:51	103-65-1	
Styrene	ND	ug/L	0.50	1		02/12/21 17:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 17:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 17:51	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/12/21 17:51	127-18-4	
Toluene	ND	ug/L	0.50	1		02/12/21 17:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 17:51	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 17:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/12/21 17:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/12/21 17:51	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/12/21 17:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/12/21 17:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/12/21 17:51	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 17:51	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 17:51	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/12/21 17:51	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/12/21 17:51	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/12/21 17:51	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	109	%	70-130	1		02/12/21 17:51	17060-07-0	
4-Bromofluorobenzene (S)	111	%	70-130	1		02/12/21 17:51	460-00-4	
Toluene-d8 (S)	120	%	70-130	1		02/12/21 17:51	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-27 **Lab ID: 92521237014** Collected: 02/09/21 16:25 Received: 02/09/21 17:30 Matrix: Water

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/L	100	1	02/12/21 09:53	02/12/21 09:53		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/12/21 09:53	02/12/21 09:53		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/12/21 09:53	02/12/21 09:53	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/12/21 09:53	02/12/21 09:53	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	111	%	70.0-130	1	02/12/21 09:53	02/12/21 09:53	615-59-8FID	
2,5-Dibromotoluene (PID)	99.2	%	70.0-130	1	02/12/21 09:53	02/12/21 09:53	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/11/21 01:48	02/12/21 00:25	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/12/21 14:17	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/12/21 14:17	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/12/21 14:17	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/12/21 14:17	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/12/21 14:17	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/12/21 14:17	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/12/21 14:17	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/12/21 14:17	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/12/21 14:17	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/12/21 14:17	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/12/21 14:17	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/12/21 14:17	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/12/21 14:17	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/12/21 14:17	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 14:17	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 14:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/12/21 14:17	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/12/21 14:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/12/21 14:17	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/12/21 14:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 14:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 14:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 14:17	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/12/21 14:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/12/21 14:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/12/21 14:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/12/21 14:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 14:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 14:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 14:17	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/12/21 14:17	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 14:17	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-27 **Lab ID: 92521237014** Collected: 02/09/21 16:25 Received: 02/09/21 17:30 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		02/12/21 14:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 14:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 14:17	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/12/21 14:17	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/12/21 14:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/12/21 14:17	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/12/21 14:17	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/12/21 14:17	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/12/21 14:17	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/12/21 14:17	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/12/21 14:17	103-65-1	
Styrene	ND	ug/L	0.50	1		02/12/21 14:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 14:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 14:17	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/12/21 14:17	127-18-4	
Toluene	ND	ug/L	0.50	1		02/12/21 14:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 14:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 14:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/12/21 14:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/12/21 14:17	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/12/21 14:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/12/21 14:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/12/21 14:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 14:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 14:17	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/12/21 14:17	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/12/21 14:17	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/12/21 14:17	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	109	%	70-130	1		02/12/21 14:17	17060-07-0	
4-Bromofluorobenzene (S)	106	%	70-130	1		02/12/21 14:17	460-00-4	
Toluene-d8 (S)	110	%	70-130	1		02/12/21 14:17	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-36D **Lab ID: 92521237015** Collected: 02/09/21 16:10 Received: 02/09/21 17:30 Matrix: Water

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/L	100	1	02/12/21 17:02	02/12/21 17:02		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/12/21 17:02	02/12/21 17:02		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/12/21 17:02	02/12/21 17:02	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/12/21 17:02	02/12/21 17:02	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	109	%	70.0-130	1	02/12/21 17:02	02/12/21 17:02	615-59-8FID	
2,5-Dibromotoluene (PID)	98.1	%	70.0-130	1	02/12/21 17:02	02/12/21 17:02	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	**72.1**	ug/L	5.0	1	02/11/21 01:48	02/12/21 00:42	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/12/21 18:08	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/12/21 18:08	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/12/21 18:08	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/12/21 18:08	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/12/21 18:08	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/12/21 18:08	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/12/21 18:08	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/12/21 18:08	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/12/21 18:08	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/12/21 18:08	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/12/21 18:08	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/12/21 18:08	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/12/21 18:08	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/12/21 18:08	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 18:08	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 18:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/12/21 18:08	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/12/21 18:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/12/21 18:08	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/12/21 18:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 18:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 18:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 18:08	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/12/21 18:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/12/21 18:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/12/21 18:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/12/21 18:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 18:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 18:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 18:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/12/21 18:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 18:08	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-36D **Lab ID: 92521237015** Collected: 02/09/21 16:10 Received: 02/09/21 17:30 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		02/12/21 18:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 18:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 18:08	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/12/21 18:08	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/12/21 18:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/12/21 18:08	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/12/21 18:08	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/12/21 18:08	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/12/21 18:08	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/12/21 18:08	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/12/21 18:08	103-65-1	
Styrene	ND	ug/L	0.50	1		02/12/21 18:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 18:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 18:08	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/12/21 18:08	127-18-4	
Toluene	**1.1**	ug/L	0.50	1		02/12/21 18:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 18:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 18:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/12/21 18:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/12/21 18:08	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/12/21 18:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/12/21 18:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/12/21 18:08	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 18:08	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 18:08	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/12/21 18:08	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/12/21 18:08	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/12/21 18:08	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		02/12/21 18:08	17060-07-0	
4-Bromofluorobenzene (S)	100	%	70-130	1		02/12/21 18:08	460-00-4	
Toluene-d8 (S)	122	%	70-130	1		02/12/21 18:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-5 **Lab ID: 92521237016** Collected: 02/09/21 15:05 Received: 02/09/21 17:30 Matrix: Water

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/L	100	1	02/12/21 17:36	02/12/21 17:36		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/12/21 17:36	02/12/21 17:36		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/12/21 17:36	02/12/21 17:36	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/12/21 17:36	02/12/21 17:36	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	103	%	70.0-130	1	02/12/21 17:36	02/12/21 17:36	615-59-8FID	
2,5-Dibromotoluene (PID)	92.6	%	70.0-130	1	02/12/21 17:36	02/12/21 17:36	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/11/21 01:48	02/12/21 00:45	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/12/21 14:35	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/12/21 14:35	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/12/21 14:35	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/12/21 14:35	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/12/21 14:35	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/12/21 14:35	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/12/21 14:35	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/12/21 14:35	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/12/21 14:35	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/12/21 14:35	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/12/21 14:35	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/12/21 14:35	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/12/21 14:35	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/12/21 14:35	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 14:35	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 14:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/12/21 14:35	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/12/21 14:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/12/21 14:35	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/12/21 14:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 14:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 14:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 14:35	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/12/21 14:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/12/21 14:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/12/21 14:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/12/21 14:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 14:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 14:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 14:35	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/12/21 14:35	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 14:35	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: MW-5 **Lab ID: 92521237016** Collected: 02/09/21 15:05 Received: 02/09/21 17:30 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		02/12/21 14:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 14:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 14:35	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/12/21 14:35	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/12/21 14:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/12/21 14:35	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/12/21 14:35	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/12/21 14:35	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/12/21 14:35	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/12/21 14:35	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/12/21 14:35	103-65-1	
Styrene	ND	ug/L	0.50	1		02/12/21 14:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 14:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 14:35	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/12/21 14:35	127-18-4	
Toluene	ND	ug/L	0.50	1		02/12/21 14:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 14:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 14:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/12/21 14:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/12/21 14:35	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/12/21 14:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/12/21 14:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/12/21 14:35	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 14:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 14:35	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/12/21 14:35	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/12/21 14:35	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/12/21 14:35	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	114	%	70-130	1		02/12/21 14:35	17060-07-0	
4-Bromofluorobenzene (S)	112	%	70-130	1		02/12/21 14:35	460-00-4	
Toluene-d8 (S)	117	%	70-130	1		02/12/21 14:35	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: FB-1-20210209 **Lab ID: 92521237017** Collected: 02/09/21 10:45 Received: 02/09/21 17:30 Matrix: Water

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/L	100	1	02/12/21 15:54	02/12/21 15:54		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/12/21 15:54	02/12/21 15:54		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/12/21 15:54	02/12/21 15:54	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/12/21 15:54	02/12/21 15:54	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	93.7	%	70.0-130	1	02/12/21 15:54	02/12/21 15:54	615-59-8FID	
2,5-Dibromotoluene (PID)	83.1	%	70.0-130	1	02/12/21 15:54	02/12/21 15:54	615-59-8PID	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/12/21 11:55	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/12/21 11:55	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/12/21 11:55	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/12/21 11:55	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/12/21 11:55	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/12/21 11:55	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/12/21 11:55	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/12/21 11:55	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/12/21 11:55	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/12/21 11:55	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/12/21 11:55	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/12/21 11:55	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/12/21 11:55	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/12/21 11:55	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 11:55	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 11:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/12/21 11:55	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/12/21 11:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/12/21 11:55	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/12/21 11:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 11:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 11:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 11:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/12/21 11:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/12/21 11:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/12/21 11:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/12/21 11:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 11:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 11:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 11:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/12/21 11:55	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 11:55	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		02/12/21 11:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 11:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 11:55	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/12/21 11:55	108-20-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: FB-1-20210209 **Lab ID: 92521237017** Collected: 02/09/21 10:45 Received: 02/09/21 17:30 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		02/12/21 11:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/12/21 11:55	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/12/21 11:55	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/12/21 11:55	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/12/21 11:55	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/12/21 11:55	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/12/21 11:55	103-65-1	
Styrene	ND	ug/L	0.50	1		02/12/21 11:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 11:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 11:55	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/12/21 11:55	127-18-4	
Toluene	ND	ug/L	0.50	1		02/12/21 11:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 11:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 11:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/12/21 11:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/12/21 11:55	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/12/21 11:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/12/21 11:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/12/21 11:55	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 11:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 11:55	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/12/21 11:55	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/12/21 11:55	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/12/21 11:55	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	109	%	70-130	1		02/12/21 11:55	17060-07-0	
4-Bromofluorobenzene (S)	111	%	70-130	1		02/12/21 11:55	460-00-4	
Toluene-d8 (S)	116	%	70-130	1		02/12/21 11:55	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: Trip Blank **Lab ID: 92521237018** Collected: 02/09/21 00:00 Received: 02/09/21 17:30 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		02/12/21 12:12	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/12/21 12:12	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/12/21 12:12	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/12/21 12:12	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/12/21 12:12	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/12/21 12:12	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/12/21 12:12	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/12/21 12:12	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/12/21 12:12	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/12/21 12:12	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/12/21 12:12	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/12/21 12:12	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/12/21 12:12	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/12/21 12:12	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 12:12	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 12:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/12/21 12:12	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/12/21 12:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/12/21 12:12	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/12/21 12:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 12:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 12:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 12:12	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/12/21 12:12	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/12/21 12:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/12/21 12:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/12/21 12:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 12:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 12:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 12:12	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/12/21 12:12	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 12:12	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		02/12/21 12:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 12:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 12:12	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/12/21 12:12	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/12/21 12:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/12/21 12:12	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/12/21 12:12	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/12/21 12:12	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/12/21 12:12	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/12/21 12:12	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/12/21 12:12	103-65-1	
Styrene	ND	ug/L	0.50	1		02/12/21 12:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 12:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 12:12	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Sample: Trip Blank **Lab ID: 92521237018** Collected: 02/09/21 00:00 Received: 02/09/21 17:30 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		02/12/21 12:12	127-18-4	
Toluene	ND	ug/L	0.50	1		02/12/21 12:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 12:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 12:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/12/21 12:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/12/21 12:12	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/12/21 12:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/12/21 12:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/12/21 12:12	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 12:12	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 12:12	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/12/21 12:12	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/12/21 12:12	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/12/21 12:12	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		02/12/21 12:12	17060-07-0	
4-Bromofluorobenzene (S)	109	%	70-130	1		02/12/21 12:12	460-00-4	
Toluene-d8 (S)	118	%	70-130	1		02/12/21 12:12	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

QC Batch: 1620336 | Analysis Method: MADEP VPH
QC Batch Method: MADEPV | Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92521237001, 92521237002, 92521237003, 92521237004, 92521237005, 92521237006, 92521237007, 92521237008, 92521237009, 92521237010, 92521237011, 92521237012, 92521237013, 92521237014

METHOD BLANK: R3622099-3 Matrix: Water

Associated Lab Samples: 92521237001, 92521237002, 92521237003, 92521237004, 92521237005, 92521237006, 92521237007, 92521237008, 92521237009, 92521237010, 92521237011, 92521237012, 92521237013, 92521237014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	02/11/21 22:31	
Aliphatic (C09-C12)	ug/L	ND	100	02/11/21 22:31	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	02/11/21 22:31	
Total VPH	ug/L	ND	100	02/11/21 22:31	
2,5-Dibromotoluene (FID)	%	105	70.0-130	02/11/21 22:31	
2,5-Dibromotoluene (PID)	%	93.3	70.0-130	02/11/21 22:31	

LABORATORY CONTROL SAMPLE & LCSD: R3622099-1 R3622099-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1170	1120	97.5	93.3	70.0-130	4.37	25	
Aliphatic (C09-C12)	ug/L	1400	1570	1440	112	103	70.0-130	8.64	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	230	206	115	103	70.0-130	11.0	25	
Total VPH	ug/L	2800	2970	2770	106	98.9	70.0-130	6.97	25	
2,5-Dibromotoluene (FID)	%				109	116	70.0-130			
2,5-Dibromotoluene (PID)	%				95.6	103	70.0-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

QC Batch: 1620658 | Analysis Method: MADEP VPH
QC Batch Method: MADEPV | Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92521237015, 92521237016, 92521237017

METHOD BLANK: R3622295-3 Matrix: Water
Associated Lab Samples: 92521237015, 92521237016, 92521237017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	02/12/21 15:06	
Aliphatic (C09-C12)	ug/L	ND	100	02/12/21 15:06	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	02/12/21 15:06	
Total VPH	ug/L	ND	100	02/12/21 15:06	
2,5-Dibromotoluene (FID)	%	97.4	70.0-130	02/12/21 15:06	
2,5-Dibromotoluene (PID)	%	85.2	70.0-130	02/12/21 15:06	

LABORATORY CONTROL SAMPLE & LCSD: R3622295-1 R3622295-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1150	1160	95.8	96.7	70.0-130	0.866	25	
Aliphatic (C09-C12)	ug/L	1400	1620	1660	116	119	70.0-130	2.44	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	240	229	120	115	70.0-130	4.69	25	
Total VPH	ug/L	2800	3010	3050	108	109	70.0-130	1.32	25	
2,5-Dibromotoluene (FID)	%				119	108	70.0-130			
2,5-Dibromotoluene (PID)	%				105	95.9	70.0-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

QC Batch: 599201
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92521237001, 92521237002

METHOD BLANK: 3159099 Matrix: Water
Associated Lab Samples: 92521237001, 92521237002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	02/11/21 19:12	

LABORATORY CONTROL SAMPLE: 3159100

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	481	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3159101 3159102

Parameter	Units	92521204002 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	491	483	98	97	75-125	2	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

QC Batch: 599203 | Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A | Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92521237003, 92521237004, 92521237005, 92521237006, 92521237007, 92521237008, 92521237009, 92521237010, 92521237011, 92521237012, 92521237013, 92521237014, 92521237015, 92521237016

METHOD BLANK: 3159107 | Matrix: Water
Associated Lab Samples: 92521237003, 92521237004, 92521237005, 92521237006, 92521237007, 92521237008, 92521237009, 92521237010, 92521237011, 92521237012, 92521237013, 92521237014, 92521237015, 92521237016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	02/11/21 23:18	

LABORATORY CONTROL SAMPLE: 3159108

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3159109 3159110

Parameter	Units	92520249001 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	482	477	96	95	75-125	1	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

QC Batch: 599707 | Analysis Method: SM 6200B
QC Batch Method: SM 6200B | Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92521237001, 92521237002, 92521237003, 92521237004, 92521237005, 92521237006, 92521237007, 92521237008, 92521237009, 92521237010, 92521237012, 92521237013, 92521237014, 92521237015, 92521237016, 92521237017, 92521237018

METHOD BLANK: 3161490 Matrix: Water

Associated Lab Samples: 92521237001, 92521237002, 92521237003, 92521237004, 92521237005, 92521237006, 92521237007, 92521237008, 92521237009, 92521237010, 92521237012, 92521237013, 92521237014, 92521237015, 92521237016, 92521237017, 92521237018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	02/12/21 11:37	
1,1,1-Trichloroethane	ug/L	ND	0.50	02/12/21 11:37	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	02/12/21 11:37	
1,1,2-Trichloroethane	ug/L	ND	0.50	02/12/21 11:37	
1,1-Dichloroethane	ug/L	ND	0.50	02/12/21 11:37	
1,1-Dichloroethene	ug/L	ND	0.50	02/12/21 11:37	
1,1-Dichloropropene	ug/L	ND	0.50	02/12/21 11:37	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	02/12/21 11:37	
1,2,3-Trichloropropane	ug/L	ND	0.50	02/12/21 11:37	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	02/12/21 11:37	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	02/12/21 11:37	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	02/12/21 11:37	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	02/12/21 11:37	
1,2-Dichlorobenzene	ug/L	ND	0.50	02/12/21 11:37	
1,2-Dichloroethane	ug/L	ND	0.50	02/12/21 11:37	
1,2-Dichloropropane	ug/L	ND	0.50	02/12/21 11:37	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	02/12/21 11:37	
1,3-Dichlorobenzene	ug/L	ND	0.50	02/12/21 11:37	
1,3-Dichloropropane	ug/L	ND	0.50	02/12/21 11:37	
1,4-Dichlorobenzene	ug/L	ND	0.50	02/12/21 11:37	
2,2-Dichloropropane	ug/L	ND	0.50	02/12/21 11:37	
2-Chlorotoluene	ug/L	ND	0.50	02/12/21 11:37	
4-Chlorotoluene	ug/L	ND	0.50	02/12/21 11:37	
Benzene	ug/L	ND	0.50	02/12/21 11:37	
Bromobenzene	ug/L	ND	0.50	02/12/21 11:37	
Bromochloromethane	ug/L	ND	0.50	02/12/21 11:37	
Bromodichloromethane	ug/L	ND	0.50	02/12/21 11:37	
Bromoform	ug/L	ND	0.50	02/12/21 11:37	
Bromomethane	ug/L	ND	5.0	02/12/21 11:37	
Carbon tetrachloride	ug/L	ND	0.50	02/12/21 11:37	
Chlorobenzene	ug/L	ND	0.50	02/12/21 11:37	
Chloroethane	ug/L	ND	1.0	02/12/21 11:37	
Chloroform	ug/L	ND	0.50	02/12/21 11:37	
Chloromethane	ug/L	ND	1.0	02/12/21 11:37	
cis-1,2-Dichloroethene	ug/L	ND	0.50	02/12/21 11:37	
cis-1,3-Dichloropropene	ug/L	ND	0.50	02/12/21 11:37	
Dibromochloromethane	ug/L	ND	0.50	02/12/21 11:37	

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

METHOD BLANK: 3161490 Matrix: Water

Associated Lab Samples: 92521237001, 92521237002, 92521237003, 92521237004, 92521237005, 92521237006, 92521237007, 92521237008, 92521237009, 92521237010, 92521237012, 92521237013, 92521237014, 92521237015, 92521237016, 92521237017, 92521237018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	0.50	02/12/21 11:37	
Dichlorodifluoromethane	ug/L	ND	0.50	02/12/21 11:37	
Diisopropyl ether	ug/L	ND	0.50	02/12/21 11:37	
Ethylbenzene	ug/L	ND	0.50	02/12/21 11:37	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	02/12/21 11:37	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	02/12/21 11:37	
m&p-Xylene	ug/L	ND	1.0	02/12/21 11:37	
Methyl-tert-butyl ether	ug/L	ND	0.50	02/12/21 11:37	
Methylene Chloride	ug/L	ND	2.0	02/12/21 11:37	
n-Butylbenzene	ug/L	ND	0.50	02/12/21 11:37	
n-Propylbenzene	ug/L	ND	0.50	02/12/21 11:37	
Naphthalene	ug/L	ND	2.0	02/12/21 11:37	
o-Xylene	ug/L	ND	0.50	02/12/21 11:37	
sec-Butylbenzene	ug/L	ND	0.50	02/12/21 11:37	
Styrene	ug/L	ND	0.50	02/12/21 11:37	
tert-Butylbenzene	ug/L	ND	0.50	02/12/21 11:37	
Tetrachloroethene	ug/L	ND	0.50	02/12/21 11:37	
Toluene	ug/L	ND	0.50	02/12/21 11:37	
trans-1,2-Dichloroethene	ug/L	ND	0.50	02/12/21 11:37	
trans-1,3-Dichloropropene	ug/L	ND	0.50	02/12/21 11:37	
Trichloroethene	ug/L	ND	0.50	02/12/21 11:37	
Trichlorofluoromethane	ug/L	ND	1.0	02/12/21 11:37	
Vinyl chloride	ug/L	ND	1.0	02/12/21 11:37	
1,2-Dichloroethane-d4 (S)	%	107	70-130	02/12/21 11:37	
4-Bromofluorobenzene (S)	%	107	70-130	02/12/21 11:37	
Toluene-d8 (S)	%	114	70-130	02/12/21 11:37	

LABORATORY CONTROL SAMPLE: 3161491

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.1	106	60-140	
1,1,1-Trichloroethane	ug/L	50	43.4	87	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	44.8	90	60-140	
1,1,2-Trichloroethane	ug/L	50	50.0	100	60-140	
1,1-Dichloroethane	ug/L	50	45.3	91	60-140	
1,1-Dichloroethene	ug/L	50	55.8	112	60-140	
1,1-Dichloropropene	ug/L	50	47.0	94	60-140	
1,2,3-Trichlorobenzene	ug/L	50	51.9	104	60-140	
1,2,3-Trichloropropane	ug/L	50	43.9	88	60-140	
1,2,4-Trichlorobenzene	ug/L	50	53.5	107	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.4	97	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	50.2	100	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

LABORATORY CONTROL SAMPLE: 3161491

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	51.0	102	60-140	
1,2-Dichlorobenzene	ug/L	50	46.7	93	60-140	
1,2-Dichloroethane	ug/L	50	45.4	91	60-140	
1,2-Dichloropropane	ug/L	50	45.8	92	60-140	
1,3,5-Trimethylbenzene	ug/L	50	44.3	89	60-140	
1,3-Dichlorobenzene	ug/L	50	52.1	104	60-140	
1,3-Dichloropropane	ug/L	50	52.4	105	60-140	
1,4-Dichlorobenzene	ug/L	50	47.8	96	60-140	
2,2-Dichloropropane	ug/L	50	53.0	106	60-140	
2-Chlorotoluene	ug/L	50	47.8	96	60-140	
4-Chlorotoluene	ug/L	50	47.4	95	60-140	
Benzene	ug/L	50	55.6	111	60-140	
Bromobenzene	ug/L	50	46.5	93	60-140	
Bromochloromethane	ug/L	50	48.6	97	60-140	
Bromodichloromethane	ug/L	50	45.7	91	60-140	
Bromoform	ug/L	50	54.1	108	60-140	
Bromomethane	ug/L	50	67.6	135	60-140	
Carbon tetrachloride	ug/L	50	57.2	114	60-140	
Chlorobenzene	ug/L	50	49.1	98	60-140	
Chloroethane	ug/L	50	58.1	116	60-140	
Chloroform	ug/L	50	44.0	88	60-140	
Chloromethane	ug/L	50	48.6	97	60-140	
cis-1,2-Dichloroethene	ug/L	50	46.0	92	60-140	
cis-1,3-Dichloropropene	ug/L	50	51.3	103	60-140	
Dibromochloromethane	ug/L	50	58.1	116	60-140	
Dibromomethane	ug/L	50	49.0	98	60-140	
Dichlorodifluoromethane	ug/L	50	50.1	100	60-140	
Diisopropyl ether	ug/L	50	42.0	84	60-140	
Ethylbenzene	ug/L	50	49.2	98	60-140	
Hexachloro-1,3-butadiene	ug/L	50	60.0	120	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.6	101	60-140	
m&p-Xylene	ug/L	100	98.2	98	60-140	
Methyl-tert-butyl ether	ug/L	50	47.1	94	60-140	
Methylene Chloride	ug/L	50	48.6	97	60-140	
n-Butylbenzene	ug/L	50	57.4	115	60-140	
n-Propylbenzene	ug/L	50	44.9	90	60-140	
Naphthalene	ug/L	50	51.9	104	60-140	
o-Xylene	ug/L	50	49.2	98	60-140	
sec-Butylbenzene	ug/L	50	48.9	98	60-140	
Styrene	ug/L	50	49.8	100	60-140	
tert-Butylbenzene	ug/L	50	39.6	79	60-140	
Tetrachloroethene	ug/L	50	43.9	88	60-140	
Toluene	ug/L	50	43.2	86	60-140	
trans-1,2-Dichloroethene	ug/L	50	47.9	96	60-140	
trans-1,3-Dichloropropene	ug/L	50	50.9	102	60-140	
Trichloroethene	ug/L	50	48.6	97	60-140	
Trichlorofluoromethane	ug/L	50	51.4	103	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

LABORATORY CONTROL SAMPLE: 3161491

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Vinyl chloride	ug/L	50	45.1	90	60-140	
1,2-Dichloroethane-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			88	70-130	
Toluene-d8 (S)	%			93	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3161492 3161493

Parameter	Units	92521237012 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	23.1	22.6	115	113	60-140	2	
1,1,1-Trichloroethane	ug/L	ND	20	20	22.4	21.3	112	107	60-140	5	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	23.5	19.8	118	99	60-140	17	
1,1,2-Trichloroethane	ug/L	ND	20	20	26.7	24.7	133	124	60-140	8	
1,1-Dichloroethane	ug/L	ND	20	20	26.2	23.2	131	116	60-140	12	
1,1-Dichloroethene	ug/L	ND	20	20	27.3	25.3	136	127	60-140	7	
1,1-Dichloropropene	ug/L	ND	20	20	23.9	22.0	120	110	60-140	8	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	19.5	20.5	97	103	60-140	5	
1,2,3-Trichloropropane	ug/L	ND	20	20	24.1	21.0	120	105	60-140	14	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20.8	20.8	104	104	60-140	0	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	21.0	20.5	105	103	60-140	2	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20.5	19.9	103	100	60-140	3	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	24.4	21.1	122	105	60-140	15	
1,2-Dichlorobenzene	ug/L	ND	20	20	21.4	21.2	107	106	60-140	1	
1,2-Dichloroethane	ug/L	ND	20	20	22.4	20.8	112	104	60-140	7	
1,2-Dichloropropane	ug/L	ND	20	20	23.7	21.6	119	108	60-140	10	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.7	20.7	104	104	60-140	0	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.5	20.7	107	103	60-140	4	
1,3-Dichloropropane	ug/L	ND	20	20	26.1	23.4	131	117	60-140	11	
1,4-Dichlorobenzene	ug/L	ND	20	20	21.0	20.3	105	102	60-140	3	
2,2-Dichloropropane	ug/L	ND	20	20	27.6	25.5	138	128	60-140	8	
2-Chlorotoluene	ug/L	ND	20	20	21.7	21.1	108	106	60-140	3	
4-Chlorotoluene	ug/L	ND	20	20	21.1	20.3	105	102	60-140	4	
Benzene	ug/L	ND	20	20	25.6	24.1	128	121	60-140	6	
Bromobenzene	ug/L	ND	20	20	19.2	20.1	96	100	60-140	4	
Bromochloromethane	ug/L	ND	20	20	25.8	24.8	129	124	60-140	4	
Bromodichloromethane	ug/L	ND	20	20	22.3	20.7	111	103	60-140	7	
Bromoform	ug/L	ND	20	20	25.4	22.0	127	110	60-140	14	
Bromomethane	ug/L	ND	20	20	32.8	31.0	164	155	60-140	6	M1
Carbon tetrachloride	ug/L	ND	20	20	27.6	26.9	138	134	60-140	3	
Chlorobenzene	ug/L	ND	20	20	22.8	21.9	114	109	60-140	4	
Chloroethane	ug/L	ND	20	20	27.2	26.0	136	130	60-140	5	
Chloroform	ug/L	ND	20	20	23.9	22.5	119	113	60-140	6	
Chloromethane	ug/L	ND	20	20	19.7	18.2	99	91	60-140	8	
cis-1,2-Dichloroethene	ug/L	ND	20	20	24.2	22.5	121	113	60-140	7	
cis-1,3-Dichloropropene	ug/L	ND	20	20	27.5	22.7	138	114	60-140	19	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3161492 3161493

Parameter	Units	92521237012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Dibromochloromethane	ug/L	ND	20	20	27.0	23.0	135	115	60-140	16	
Dibromomethane	ug/L	ND	20	20	25.3	20.7	126	103	60-140	20	
Dichlorodifluoromethane	ug/L	ND	20	20	24.7	21.8	123	109	60-140	12	
Diisopropyl ether	ug/L	ND	20	20	23.1	21.0	114	104	60-140	10	
Ethylbenzene	ug/L	ND	20	20	22.9	21.3	115	106	60-140	8	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	24.9	23.2	124	116	60-140	7	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	25.9	23.8	129	119	60-140	8	
m&p-Xylene	ug/L	ND	40	40	44.5	41.8	111	104	60-140	6	
Methyl-tert-butyl ether	ug/L	ND	20	20	24.0	21.9	120	109	60-140	9	
Methylene Chloride	ug/L	ND	20	20	24.5	21.4	123	107	60-140	14	
n-Butylbenzene	ug/L	ND	20	20	24.5	25.0	123	125	60-140	2	
n-Propylbenzene	ug/L	ND	20	20	21.3	21.2	107	106	60-140	1	
Naphthalene	ug/L	ND	20	20	19.6	19.4	94	92	60-140	1	
o-Xylene	ug/L	ND	20	20	25.7	20.9	129	104	60-140	21	
sec-Butylbenzene	ug/L	ND	20	20	21.7	21.6	109	108	60-140	1	
Styrene	ug/L	ND	20	20	25.4	21.7	127	108	60-140	16	
tert-Butylbenzene	ug/L	ND	20	20	16.9	17.0	84	85	60-140	0	
Tetrachloroethene	ug/L	ND	20	20	25.8	22.9	129	114	60-140	12	
Toluene	ug/L	1.0	20	20	26.1	21.8	125	104	60-140	18	
trans-1,2-Dichloroethene	ug/L	ND	20	20	24.8	22.4	124	112	60-140	10	
trans-1,3-Dichloropropene	ug/L	ND	20	20	26.6	24.7	133	123	60-140	7	
Trichloroethene	ug/L	ND	20	20	22.0	21.6	110	108	60-140	2	
Trichlorofluoromethane	ug/L	ND	20	20	28.2	26.4	140	131	60-140	6	
Vinyl chloride	ug/L	ND	20	20	21.2	19.5	106	97	60-140	8	
1,2-Dichloroethane-d4 (S)	%						107	103	70-130		
4-Bromofluorobenzene (S)	%						105	99	70-130		
Toluene-d8 (S)	%						116	99	70-130		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

QC Batch: 599972
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92521237011

METHOD BLANK: 3162796 Matrix: Water
Associated Lab Samples: 92521237011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	02/15/21 12:16	
1,1,1-Trichloroethane	ug/L	ND	0.50	02/15/21 12:16	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	02/15/21 12:16	
1,1,2-Trichloroethane	ug/L	ND	0.50	02/15/21 12:16	
1,1-Dichloroethane	ug/L	ND	0.50	02/15/21 12:16	
1,1-Dichloroethene	ug/L	ND	0.50	02/15/21 12:16	
1,1-Dichloropropene	ug/L	ND	0.50	02/15/21 12:16	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	02/15/21 12:16	
1,2,3-Trichloropropane	ug/L	ND	0.50	02/15/21 12:16	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	02/15/21 12:16	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	02/15/21 12:16	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	02/15/21 12:16	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	02/15/21 12:16	
1,2-Dichlorobenzene	ug/L	ND	0.50	02/15/21 12:16	
1,2-Dichloroethane	ug/L	ND	0.50	02/15/21 12:16	
1,2-Dichloropropane	ug/L	ND	0.50	02/15/21 12:16	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	02/15/21 12:16	
1,3-Dichlorobenzene	ug/L	ND	0.50	02/15/21 12:16	
1,3-Dichloropropane	ug/L	ND	0.50	02/15/21 12:16	
1,4-Dichlorobenzene	ug/L	ND	0.50	02/15/21 12:16	
2,2-Dichloropropane	ug/L	ND	0.50	02/15/21 12:16	
2-Chlorotoluene	ug/L	ND	0.50	02/15/21 12:16	
4-Chlorotoluene	ug/L	ND	0.50	02/15/21 12:16	
Benzene	ug/L	ND	0.50	02/15/21 12:16	
Bromobenzene	ug/L	ND	0.50	02/15/21 12:16	
Bromochloromethane	ug/L	ND	0.50	02/15/21 12:16	
Bromodichloromethane	ug/L	ND	0.50	02/15/21 12:16	
Bromoform	ug/L	ND	0.50	02/15/21 12:16	
Bromomethane	ug/L	ND	5.0	02/15/21 12:16	
Carbon tetrachloride	ug/L	ND	0.50	02/15/21 12:16	
Chlorobenzene	ug/L	ND	0.50	02/15/21 12:16	
Chloroethane	ug/L	ND	1.0	02/15/21 12:16	
Chloroform	ug/L	ND	0.50	02/15/21 12:16	
Chloromethane	ug/L	ND	1.0	02/15/21 12:16	
cis-1,2-Dichloroethene	ug/L	ND	0.50	02/15/21 12:16	
cis-1,3-Dichloropropene	ug/L	ND	0.50	02/15/21 12:16	
Dibromochloromethane	ug/L	ND	0.50	02/15/21 12:16	
Dibromomethane	ug/L	ND	0.50	02/15/21 12:16	
Dichlorodifluoromethane	ug/L	ND	0.50	02/15/21 12:16	
Diisopropyl ether	ug/L	ND	0.50	02/15/21 12:16	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

METHOD BLANK: 3162796 Matrix: Water
Associated Lab Samples: 92521237011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	02/15/21 12:16	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	02/15/21 12:16	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	02/15/21 12:16	
m&p-Xylene	ug/L	ND	1.0	02/15/21 12:16	
Methyl-tert-butyl ether	ug/L	ND	0.50	02/15/21 12:16	
Methylene Chloride	ug/L	ND	2.0	02/15/21 12:16	
n-Butylbenzene	ug/L	ND	0.50	02/15/21 12:16	
n-Propylbenzene	ug/L	ND	0.50	02/15/21 12:16	
Naphthalene	ug/L	ND	2.0	02/15/21 12:16	
o-Xylene	ug/L	ND	0.50	02/15/21 12:16	
sec-Butylbenzene	ug/L	ND	0.50	02/15/21 12:16	
Styrene	ug/L	ND	0.50	02/15/21 12:16	
tert-Butylbenzene	ug/L	ND	0.50	02/15/21 12:16	
Tetrachloroethene	ug/L	ND	0.50	02/15/21 12:16	
Toluene	ug/L	ND	0.50	02/15/21 12:16	
trans-1,2-Dichloroethene	ug/L	ND	0.50	02/15/21 12:16	
trans-1,3-Dichloropropene	ug/L	ND	0.50	02/15/21 12:16	
Trichloroethene	ug/L	ND	0.50	02/15/21 12:16	
Trichlorofluoromethane	ug/L	ND	1.0	02/15/21 12:16	
Vinyl chloride	ug/L	ND	1.0	02/15/21 12:16	
1,2-Dichloroethane-d4 (S)	%	99	70-130	02/15/21 12:16	
4-Bromofluorobenzene (S)	%	94	70-130	02/15/21 12:16	
Toluene-d8 (S)	%	98	70-130	02/15/21 12:16	

LABORATORY CONTROL SAMPLE: 3162797

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.8	104	60-140	
1,1,1-Trichloroethane	ug/L	50	46.2	92	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	44.2	88	60-140	
1,1,2-Trichloroethane	ug/L	50	45.0	90	60-140	
1,1-Dichloroethane	ug/L	50	39.5	79	60-140	
1,1-Dichloroethene	ug/L	50	41.3	83	60-140	
1,1-Dichloropropene	ug/L	50	41.2	82	60-140	
1,2,3-Trichlorobenzene	ug/L	50	50.7	101	60-140	
1,2,3-Trichloropropane	ug/L	50	45.0	90	60-140	
1,2,4-Trichlorobenzene	ug/L	50	53.0	106	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.9	98	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	56.8	114	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.5	101	60-140	
1,2-Dichlorobenzene	ug/L	50	50.3	101	60-140	
1,2-Dichloroethane	ug/L	50	38.5	77	60-140	
1,2-Dichloropropane	ug/L	50	41.0	82	60-140	
1,3,5-Trimethylbenzene	ug/L	50	47.4	95	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

LABORATORY CONTROL SAMPLE: 3162797

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	51.5	103	60-140	
1,3-Dichloropropane	ug/L	50	45.2	90	60-140	
1,4-Dichlorobenzene	ug/L	50	49.3	99	60-140	
2,2-Dichloropropane	ug/L	50	45.0	90	60-140	
2-Chlorotoluene	ug/L	50	48.1	96	60-140	
4-Chlorotoluene	ug/L	50	48.6	97	60-140	
Benzene	ug/L	50	41.1	82	60-140	
Bromobenzene	ug/L	50	50.7	101	60-140	
Bromochloromethane	ug/L	50	44.2	88	60-140	
Bromodichloromethane	ug/L	50	46.7	93	60-140	
Bromoform	ug/L	50	56.8	114	60-140	
Bromomethane	ug/L	50	54.9	110	60-140	
Carbon tetrachloride	ug/L	50	48.5	97	60-140	
Chlorobenzene	ug/L	50	48.2	96	60-140	
Chloroethane	ug/L	50	52.1	104	60-140	
Chloroform	ug/L	50	43.7	87	60-140	
Chloromethane	ug/L	50	38.1	76	60-140	
cis-1,2-Dichloroethene	ug/L	50	39.2	78	60-140	
cis-1,3-Dichloropropene	ug/L	50	46.8	94	60-140	
Dibromochloromethane	ug/L	50	54.1	108	60-140	
Dibromomethane	ug/L	50	48.6	97	60-140	
Dichlorodifluoromethane	ug/L	50	46.9	94	60-140	
Diisopropyl ether	ug/L	50	35.5	71	60-140	
Ethylbenzene	ug/L	50	47.4	95	60-140	
Hexachloro-1,3-butadiene	ug/L	50	52.9	106	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.7	97	60-140	
m&p-Xylene	ug/L	100	93.4	93	60-140	
Methyl-tert-butyl ether	ug/L	50	40.7	81	60-140	
Methylene Chloride	ug/L	50	35.0	70	60-140	
n-Butylbenzene	ug/L	50	46.9	94	60-140	
n-Propylbenzene	ug/L	50	45.8	92	60-140	
Naphthalene	ug/L	50	51.0	102	60-140	
o-Xylene	ug/L	50	47.8	96	60-140	
sec-Butylbenzene	ug/L	50	47.2	94	60-140	
Styrene	ug/L	50	48.1	96	60-140	
tert-Butylbenzene	ug/L	50	41.5	83	60-140	
Tetrachloroethene	ug/L	50	49.7	99	60-140	
Toluene	ug/L	50	44.0	88	60-140	
trans-1,2-Dichloroethene	ug/L	50	41.2	82	60-140	
trans-1,3-Dichloropropene	ug/L	50	46.3	93	60-140	
Trichloroethene	ug/L	50	48.1	96	60-140	
Trichlorofluoromethane	ug/L	50	44.4	89	60-140	
Vinyl chloride	ug/L	50	37.9	76	60-140	
1,2-Dichloroethane-d4 (S)	%			91	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			94	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3162798 3162799

Parameter	Units	92521494001 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	<84.4	4000	4000	4380	4380	110	109	60-140	0	
1,1,1-Trichloroethane	ug/L	<55.6	4000	4000	3800	3900	95	98	60-140	3	
1,1,2,2-Tetrachloroethane	ug/L	<38.6	4000	4000	3790	3800	95	95	60-140	0	
1,1,2-Trichloroethane	ug/L	<46.4	4000	4000	3950	3840	99	96	60-140	3	
1,1-Dichloroethane	ug/L	<48.8	4000	4000	3340	3340	83	83	60-140	0	
1,1-Dichloroethene	ug/L	<43.6	4000	4000	3690	3750	92	94	60-140	2	
1,1-Dichloropropene	ug/L	<69.6	4000	4000	3630	3580	91	89	60-140	1	
1,2,3-Trichlorobenzene	ug/L	<156	4000	4000	4000	4260	100	106	60-140	6	
1,2,3-Trichloropropane	ug/L	<54.2	4000	4000	3690	3690	92	92	60-140	0	
1,2,4-Trichlorobenzene	ug/L	<87.2	4000	4000	4140	4420	103	110	60-140	7	
1,2,4-Trimethylbenzene	ug/L	813	4000	4000	4870	4870	102	101	60-140	0	
1,2-Dibromo-3-chloropropane	ug/L	<77.0	4000	4000	4550	4810	114	120	60-140	5	
1,2-Dibromoethane (EDB)	ug/L	<46.2	4000	4000	4140	4160	103	104	60-140	1	
1,2-Dichlorobenzene	ug/L	<48.0	4000	4000	4280	4270	107	107	60-140	0	
1,2-Dichloroethane	ug/L	<52.6	4000	4000	3330	3260	83	81	60-140	2	
1,2-Dichloropropane	ug/L	<36.6	4000	4000	3510	3420	88	86	60-140	2	
1,3,5-Trimethylbenzene	ug/L	<45.4	4000	4000	4330	4260	108	107	60-140	2	
1,3-Dichlorobenzene	ug/L	<50.0	4000	4000	4360	4300	109	108	60-140	1	
1,3-Dichloropropane	ug/L	<68.2	4000	4000	3840	3770	96	94	60-140	2	
1,4-Dichlorobenzene	ug/L	<49.8	4000	4000	4200	4110	105	103	60-140	2	
2,2-Dichloropropane	ug/L	<56.2	4000	4000	3460	3510	86	88	60-140	2	
2-Chlorotoluene	ug/L	<41.4	4000	4000	4170	4240	104	106	60-140	1	
4-Chlorotoluene	ug/L	<41.2	4000	4000	4100	4050	103	101	60-140	1	
Benzene	ug/L	3400	4000	4000	6970	7070	89	92	60-140	1	
Bromobenzene	ug/L	<43.0	4000	4000	4540	4290	113	107	60-140	6	
Bromochloromethane	ug/L	<51.6	4000	4000	3730	3750	93	94	60-140	0	
Bromodichloromethane	ug/L	<37.0	4000	4000	3980	3900	99	97	60-140	2	
Bromoform	ug/L	<81.0	4000	4000	4440	4530	111	113	60-140	2	
Bromomethane	ug/L	<344	4000	4000	4300	4670	107	117	60-140	8	
Carbon tetrachloride	ug/L	<46.4	4000	4000	4380	4610	109	115	60-140	5	
Chlorobenzene	ug/L	<45.0	4000	4000	4120	4040	103	101	60-140	2	
Chloroethane	ug/L	<117	4000	4000	4040	4140	101	103	60-140	2	
Chloroform	ug/L	<70.6	4000	4000	3550	3650	89	91	60-140	3	
Chloromethane	ug/L	<83.0	4000	4000	3040	3170	76	79	60-140	4	
cis-1,2-Dichloroethene	ug/L	<41.4	4000	4000	3360	3330	84	83	60-140	1	
cis-1,3-Dichloropropene	ug/L	<71.4	4000	4000	3790	3760	95	94	60-140	1	
Dibromochloromethane	ug/L	<80.4	4000	4000	4420	4380	110	109	60-140	1	
Dibromomethane	ug/L	<62.0	4000	4000	4270	4010	107	100	60-140	6	
Dichlorodifluoromethane	ug/L	<56.8	4000	4000	3870	3890	97	97	60-140	1	
Diisopropyl ether	ug/L	1480	4000	4000	4410	4510	73	76	60-140	2	
Ethylbenzene	ug/L	1120	4000	4000	5160	5030	101	98	60-140	2	
Hexachloro-1,3-butadiene	ug/L	<240	4000	4000	4380	4310	109	108	60-140	1	
Isopropylbenzene (Cumene)	ug/L	<47.6	4000	4000	4280	4250	107	106	60-140	1	
m&p-Xylene	ug/L	3040	8000	8000	10900	11000	99	100	60-140	1	
Methyl-tert-butyl ether	ug/L	24700	4000	4000	27400	28400	67	92	60-140	4	
Methylene Chloride	ug/L	<300	4000	4000	3050	3080	76	77	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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3162798 3162799

Parameter	Units	92521494001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
n-Butylbenzene	ug/L	<70.6	4000	4000	3890	3940	97	99	60-140	1	
n-Propylbenzene	ug/L	<48.2	4000	4000	4040	3940	101	99	60-140	2	
Naphthalene	ug/L	419	4000	4000	4370	4710	99	107	60-140	8	
o-Xylene	ug/L	1850	4000	4000	6070	5890	106	101	60-140	3	
sec-Butylbenzene	ug/L	<49.2	4000	4000	4090	4060	102	101	60-140	1	
Styrene	ug/L	<51.2	4000	4000	4090	4050	102	101	60-140	1	
tert-Butylbenzene	ug/L	<50.0	4000	4000	3610	3580	90	89	60-140	1	
Tetrachloroethene	ug/L	<46.4	4000	4000	4360	4280	109	107	60-140	2	
Toluene	ug/L	7260	4000	4000	10900	11200	90	98	60-140	3	
trans-1,2-Dichloroethene	ug/L	<51.4	4000	4000	3470	3540	87	88	60-140	2	
trans-1,3-Dichloropropene	ug/L	<78.8	4000	4000	3880	3750	97	94	60-140	3	
Trichloroethene	ug/L	<46.4	4000	4000	4050	4120	101	103	60-140	2	
Trichlorofluoromethane	ug/L	<67.2	4000	4000	4260	4260	106	107	60-140	0	
Vinyl chloride	ug/L	<81.4	4000	4000	3300	3240	82	81	60-140	2	
1,2-Dichloroethane-d4 (S)	%						94	98	70-130		
4-Bromofluorobenzene (S)	%						100	100	70-130		
Toluene-d8 (S)	%						95	97	70-130		

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92521237001	**MW-9**	MADEPV	1620336	MADEP VPH	1620336
92521237002	**MW-59**	MADEPV	1620336	MADEP VPH	1620336
92521237003	**MW-43**	MADEPV	1620336	MADEP VPH	1620336
92521237004	**MW-30**	MADEPV	1620336	MADEP VPH	1620336
92521237005	**MW-1**	MADEPV	1620336	MADEP VPH	1620336
92521237006	**MW-57D**	MADEPV	1620336	MADEP VPH	1620336
92521237007	**MW-72**	MADEPV	1620336	MADEP VPH	1620336
92521237008	**MW-63**	MADEPV	1620336	MADEP VPH	1620336
92521237009	**MW-38**	MADEPV	1620336	MADEP VPH	1620336
92521237010	**MW-25**	MADEPV	1620336	MADEP VPH	1620336
92521237011	**MW-7D**	MADEPV	1620336	MADEP VPH	1620336
92521237012	**MW-29**	MADEPV	1620336	MADEP VPH	1620336
92521237013	**DUP-1-20210209**	MADEPV	1620336	MADEP VPH	1620336
92521237014	**MW-27**	MADEPV	1620336	MADEP VPH	1620336
92521237015	**MW-36D**	MADEPV	1620658	MADEP VPH	1620658
92521237016	**MW-5**	MADEPV	1620658	MADEP VPH	1620658
92521237017	**FB-1-20210209**	MADEPV	1620658	MADEP VPH	1620658
92521237001	**MW-9**	EPA 3010A	599201	EPA 6010D	599224
92521237002	**MW-59**	EPA 3010A	599201	EPA 6010D	599224
92521237003	**MW-43**	EPA 3010A	599203	EPA 6010D	599223
92521237004	**MW-30**	EPA 3010A	599203	EPA 6010D	599223
92521237005	**MW-1**	EPA 3010A	599203	EPA 6010D	599223
92521237006	**MW-57D**	EPA 3010A	599203	EPA 6010D	599223
92521237007	**MW-72**	EPA 3010A	599203	EPA 6010D	599223
92521237008	**MW-63**	EPA 3010A	599203	EPA 6010D	599223
92521237009	**MW-38**	EPA 3010A	599203	EPA 6010D	599223
92521237010	**MW-25**	EPA 3010A	599203	EPA 6010D	599223
92521237011	**MW-7D**	EPA 3010A	599203	EPA 6010D	599223
92521237012	**MW-29**	EPA 3010A	599203	EPA 6010D	599223
92521237013	**DUP-1-20210209**	EPA 3010A	599203	EPA 6010D	599223
92521237014	**MW-27**	EPA 3010A	599203	EPA 6010D	599223
92521237015	**MW-36D**	EPA 3010A	599203	EPA 6010D	599223
92521237016	**MW-5**	EPA 3010A	599203	EPA 6010D	599223
92521237001	**MW-9**	SM 6200B	599707		
92521237002	**MW-59**	SM 6200B	599707		
92521237003	**MW-43**	SM 6200B	599707		
92521237004	**MW-30**	SM 6200B	599707		
92521237005	**MW-1**	SM 6200B	599707		
92521237006	**MW-57D**	SM 6200B	599707		
92521237007	**MW-72**	SM 6200B	599707		
92521237008	**MW-63**	SM 6200B	599707		
92521237009	**MW-38**	SM 6200B	599707		
92521237010	**MW-25**	SM 6200B	599707		
92521237011	**MW-7D**	SM 6200B	599972		
92521237012	**MW-29**	SM 6200B	599707		
92521237013	**DUP-1-20210209**	SM 6200B	599707		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Colonial Pipeline (2/9/21)
Pace Project No.: 92521237

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92521237014	**MW-27**	SM 6200B	599707		
92521237015	**MW-36D**	SM 6200B	599707		
92521237016	**MW-5**	SM 6200B	599707		
92521237017	**FB-1-20210209**	SM 6200B	599707		
92521237018	**Trip Blank**	SM 6200B	599707		

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

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

Sample Condition Upon Receipt

Client Name: AECOM

Project #: WO# : 92521237

92521237

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace ☐ Other:____

Custody Seal Present? ☐ Yes ☑ No **Seals Intact?** ☐ Yes ☑ No

Date/Initials Person Examining Contents: 2-10-21 AMP

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

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

Thermometer: ☑ IR Gun ID: 92T064

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 4.6/1.6 **Correction Factor:** Add/Subtract (°C) -0.1

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 4.5/1.5

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

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

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

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☑ N/A	8.
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: WT				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☑ No	☐ N/A	10.
Trip Blank Present?	☑ Yes	☐ No	☐ N/A	11.
Trip Blank Custody Seals Present?	☑ Yes	☐ No	☐ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

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# : 92521237**

pg 1

PM: NMG Due Date: 02/16/21

CLIENT: 92-AECOM CHA

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

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

Pace Analytical
WWW.PACELABS.COM

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page : 1 Of 1

Section A
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: Colonial Pipeline
Project #:

Section C
Invoice Information:
Attention:
Company Name:
Address:
Pace Quote:
Pace Project Manager: nicole.gasiorowski@pacelabs.com,
Pace Profile #: 12518-3

Regulatory Agency:
State / Location: NC

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	6200	VPH	6010 Lead	Trip BLANK	Residual Chlorine (Y/N)	
	MATRIX CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Other OT, Tissue TS																							
1	MW-9	WT	G	2/9/21	0950				8			X	X						X	X	X			9252 1237
2	MW-59			2/9/21	1000																			001
3	MW-43			2/9/21	1355																			002
4	MW-30			2/9/21	1200																			003
5	MW-1			2/9/21	1220																			004
6	MW-57D			2/9/21	1020																			005
7	MW-72			2/9/21	1215																			006
8	MW-63			2/9/21	1125																			007
9	MW-38			2/9/21	1430																			008
10	MW-25			2/9/21	1445																			009
11	MW-71D			2/9/21	1420																			010
12	MW-29			2/9/21	1510																			011
																								012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Ben Weisels Aecom	2/9/21	1735	AMAR PACE HVL	2-9-21	17:30

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Ben Weisels
SIGNATURE of SAMPLER:
DATE Signed: 2/9/21

SAMPLE CONDITIONS

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
4.5	Y	N	Y
1.5			

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page : 2 Of 2

Pace Analytical
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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: Colonial Pipeline
Project #:

Section C
Invoice Information:
Attention:
Company Name:
Address:
Pace Quote:
Pace Project Manager: nicole.gasiorowski@pacelabs.com,
Pace Profile #: 12518-3

Regulatory Agency:
State / Location: NC

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N: 6200	VPH	6010 Lead	Trip BLANK	Residual Chlorine (Y/N)	
1	DUP-1-20210209	WT	G	2/9/21					8			X	X					X	X	X			0013
2	MW-27	WT	G	2/9/21	1625				1			X	X					X	X	X			014
3	MW-360	WT	G	2/9/21	1610				1			X	X					X	X	X			015
4	FB-1-20210209	WT	G	2/9/21	1045				7				X					X	X				Accidently included 017 Lead bottle. Disregard
5	Trip Blank	WT	G	2/9/21	—				2												X		
6	MW-5	WT	G	2/9/21	1505				8				XX					XXX					016
7																							
8																							
9																							
10																							
11																							
12																							

MATRIX CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Ben Weisebs Aecom	2/9/21	1730	AMP PACE HVL	2-9-21	17:30

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Ben Weisebs
SIGNATURE of SAMPLER:
DATE Signed: 2/9/21

SAMPLE CONDITIONS

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
4.5	Y	N	Y
1.5			

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

January 12, 2021

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

RE: Project: 2020-LI-2448
Pace Project No.: 92514963

Dear Andrew Street:

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

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

- Pace National - Mt. Juliet
- Pace Analytical Services - Charlotte

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

Sincerely,

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

Enclosures

cc: J Culbreath, Colonial Pipeline Company
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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-LI-2448
Pace Project No.: 92514963

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
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: VT2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-LI-2448
Pace Project No.: 92514963

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92514963001	**MW-71 (50-52)**	MADEP VPH	JHH	6	PAN
		EPA 8260D	SAS	70	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
		SM 2540G	CMK	1	PAN

PAN = Pace National - Mt. Juliet
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 2020-LI-2448
Pace Project No.: 92514963

Sample: MW-71 (50-52) **Lab ID: 92514963001** Collected: 01/05/21 16:00 Received: 01/06/21 08:15 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	mg/kg	5.81	1	01/05/21 16:00	01/10/21 16:24		
Aliphatic (C09-C12)	**22.2**	mg/kg	5.81	1	01/05/21 16:00	01/10/21 16:24		
Aromatic (C09-C10),Unadjusted	ND	mg/kg	5.81	1	01/05/21 16:00	01/10/21 16:24	TPHC9C10A	
Total VPH	**30.2**	mg/kg	5.81	1	01/05/21 16:00	01/10/21 16:24	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	99.6	%	70.0-130	1	01/05/21 16:00	01/10/21 16:24	615-59-8FID	
2,5-Dibromotoluene (PID)	86.5	%	70.0-130	1	01/05/21 16:00	01/10/21 16:24	615-59-8PID	
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte							
Acetone	ND	ug/kg	142	1	01/06/21 10:54	01/06/21 14:14	67-64-1	
Benzene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	71-43-2	
Bromobenzene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	108-86-1	
Bromochloromethane	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	74-97-5	
Bromodichloromethane	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	75-27-4	IK
Bromoform	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	75-25-2	
Bromomethane	ND	ug/kg	14.2	1	01/06/21 10:54	01/06/21 14:14	74-83-9	L1,v1
2-Butanone (MEK)	ND	ug/kg	142	1	01/06/21 10:54	01/06/21 14:14	78-93-3	
n-Butylbenzene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	98-06-6	L2,v2
Carbon tetrachloride	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	56-23-5	v2
Chlorobenzene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	108-90-7	
Chloroethane	ND	ug/kg	14.2	1	01/06/21 10:54	01/06/21 14:14	75-00-3	
Chloroform	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	67-66-3	
Chloromethane	ND	ug/kg	14.2	1	01/06/21 10:54	01/06/21 14:14	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	106-43-4	v2
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	96-12-8	
Dibromochloromethane	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	106-93-4	
Dibromomethane	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.2	1	01/06/21 10:54	01/06/21 14:14	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	563-58-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: 2020-LI-2448
Pace Project No.: 92514963

Sample: MW-71 (50-52) **Lab ID: 92514963001** Collected: 01/05/21 16:00 Received: 01/06/21 08:15 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte							
cis-1,3-Dichloropropene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	108-20-3	
Ethylbenzene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	14.2	1	01/06/21 10:54	01/06/21 14:14	87-68-3	
2-Hexanone	ND	ug/kg	70.8	1	01/06/21 10:54	01/06/21 14:14	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	99-87-6	
Methylene Chloride	ND	ug/kg	28.3	1	01/06/21 10:54	01/06/21 14:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	70.8	1	01/06/21 10:54	01/06/21 14:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	1634-04-4	
Naphthalene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	91-20-3	
n-Propylbenzene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	103-65-1	
Styrene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	79-34-5	
Tetrachloroethene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	127-18-4	
Toluene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	79-00-5	
Trichloroethene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	108-67-8	
Vinyl acetate	ND	ug/kg	70.8	1	01/06/21 10:54	01/06/21 14:14	108-05-4	
Vinyl chloride	ND	ug/kg	14.2	1	01/06/21 10:54	01/06/21 14:14	75-01-4	
Xylene (Total)	ND	ug/kg	14.2	1	01/06/21 10:54	01/06/21 14:14	1330-20-7	
m&p-Xylene	ND	ug/kg	14.2	1	01/06/21 10:54	01/06/21 14:14	179601-23-1	
o-Xylene	ND	ug/kg	7.1	1	01/06/21 10:54	01/06/21 14:14	95-47-6	
Surrogates								
Toluene-d8 (S)	100	%	70-130	1	01/06/21 10:54	01/06/21 14:14	2037-26-5	
4-Bromofluorobenzene (S)	99	%	69-134	1	01/06/21 10:54	01/06/21 14:14	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1	01/06/21 10:54	01/06/21 14:14	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Charlotte							
Percent Moisture	**7.3**	%	0.10	1		01/06/21 16:38		
Total Solids 2540 G-2011	Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet							
Total Solids	**92.6**	%		1	01/10/21 10:00	01/10/21 10:12		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92514963

QC Batch: 1603292
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92514963001

METHOD BLANK: R3611369-3 Matrix: Solid
Associated Lab Samples: 92514963001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	5.00	01/10/21 14:11	
Aliphatic (C09-C12)	mg/kg	ND	5.00	01/10/21 14:11	
Aromatic (C09-C10),Unadjusted	mg/kg	ND	5.00	01/10/21 14:11	
Total VPH	mg/kg	ND	5.00	01/10/21 14:11	
2,5-Dibromotoluene (FID)	%	88.7	70.0-130	01/10/21 14:11	
2,5-Dibromotoluene (PID)	%	75.5	70.0-130	01/10/21 14:11	

LABORATORY CONTROL SAMPLE & LCSD: R3611369-1 R3611369-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	60.0	71.9	73.1	120	122	70.0-130	1.66	25	
Aliphatic (C09-C12)	mg/kg	70.0	81.7	80.7	117	115	70.0-130	1.23	25	
Aromatic (C09-C10),Unadjusted	mg/kg	10.0	9.36	9.26	93.6	92.6	70.0-130	1.07	25	
Total VPH	mg/kg	140	163	163	116	116	70.0-130	0.00	25	
2,5-Dibromotoluene (FID)	%				90.3	93.0	70.0-130			
2,5-Dibromotoluene (PID)	%				78.4	81.3	70.0-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3611369-4 R3611369-5

Parameter	Units	L1304308-01 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Aliphatic (C05-C08)	mg/kg	ND	60.0	60.0	32.5	54.2	54.2	90.3	70.0-130	50.1	ML,R1
Aliphatic (C09-C12)	mg/kg	8.24	70.0	70.0	49.3	86.8	58.7	112	70.0-130	55.1	ML,R1
Aromatic (C09-C10),Unadjusted	mg/kg	5.36	10.0	10.0	7.52	11.4	21.6	60.4	70.0-130	41.0	ML,R1
Total VPH	mg/kg	13.6	140	140	89.3	152	54.1	98.9	70.0-130	52.0	ML,R1
2,5-Dibromotoluene (FID)	%						93.6	99.3	70.0-130		
2,5-Dibromotoluene (PID)	%						80.6	85.4	70.0-130		

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-LI-2448
Pace Project No.: 92514963

QC Batch: 590934
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92514963001

METHOD BLANK: 3119725 Matrix: Solid
Associated Lab Samples: 92514963001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	01/06/21 11:36	
1,1,1-Trichloroethane	ug/kg	ND	5.0	01/06/21 11:36	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	01/06/21 11:36	
1,1,2-Trichloroethane	ug/kg	ND	5.0	01/06/21 11:36	
1,1-Dichloroethane	ug/kg	ND	5.0	01/06/21 11:36	
1,1-Dichloroethene	ug/kg	ND	5.0	01/06/21 11:36	
1,1-Dichloropropene	ug/kg	ND	5.0	01/06/21 11:36	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	01/06/21 11:36	
1,2,3-Trichloropropane	ug/kg	ND	5.0	01/06/21 11:36	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	01/06/21 11:36	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	01/06/21 11:36	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	01/06/21 11:36	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	01/06/21 11:36	
1,2-Dichlorobenzene	ug/kg	ND	5.0	01/06/21 11:36	
1,2-Dichloroethane	ug/kg	ND	5.0	01/06/21 11:36	
1,2-Dichloropropane	ug/kg	ND	5.0	01/06/21 11:36	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	01/06/21 11:36	
1,3-Dichlorobenzene	ug/kg	ND	5.0	01/06/21 11:36	
1,3-Dichloropropane	ug/kg	ND	5.0	01/06/21 11:36	
1,4-Dichlorobenzene	ug/kg	ND	5.0	01/06/21 11:36	
2,2-Dichloropropane	ug/kg	ND	5.0	01/06/21 11:36	
2-Butanone (MEK)	ug/kg	ND	100	01/06/21 11:36	
2-Chlorotoluene	ug/kg	ND	5.0	01/06/21 11:36	
2-Hexanone	ug/kg	ND	50.0	01/06/21 11:36	
4-Chlorotoluene	ug/kg	ND	5.0	01/06/21 11:36	v2
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	01/06/21 11:36	
Acetone	ug/kg	ND	100	01/06/21 11:36	
Benzene	ug/kg	ND	5.0	01/06/21 11:36	
Bromobenzene	ug/kg	ND	5.0	01/06/21 11:36	
Bromochloromethane	ug/kg	ND	5.0	01/06/21 11:36	
Bromodichloromethane	ug/kg	ND	5.0	01/06/21 11:36	IK
Bromoform	ug/kg	ND	5.0	01/06/21 11:36	
Bromomethane	ug/kg	ND	10.0	01/06/21 11:36	v1
Carbon tetrachloride	ug/kg	ND	5.0	01/06/21 11:36	v2
Chlorobenzene	ug/kg	ND	5.0	01/06/21 11:36	
Chloroethane	ug/kg	ND	10.0	01/06/21 11:36	
Chloroform	ug/kg	ND	5.0	01/06/21 11:36	
Chloromethane	ug/kg	ND	10.0	01/06/21 11:36	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	01/06/21 11:36	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	01/06/21 11:36	

Results presented on this page are in 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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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92514963

METHOD BLANK: 3119725 Matrix: Solid
Associated Lab Samples: 92514963001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	01/06/21 11:36	
Dibromomethane	ug/kg	ND	5.0	01/06/21 11:36	
Dichlorodifluoromethane	ug/kg	ND	10.0	01/06/21 11:36	
Diisopropyl ether	ug/kg	ND	5.0	01/06/21 11:36	
Ethylbenzene	ug/kg	ND	5.0	01/06/21 11:36	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	01/06/21 11:36	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	01/06/21 11:36	
m&p-Xylene	ug/kg	ND	10.0	01/06/21 11:36	
Methyl-tert-butyl ether	ug/kg	ND	5.0	01/06/21 11:36	
Methylene Chloride	ug/kg	ND	20.0	01/06/21 11:36	
n-Butylbenzene	ug/kg	ND	5.0	01/06/21 11:36	
n-Propylbenzene	ug/kg	ND	5.0	01/06/21 11:36	
Naphthalene	ug/kg	ND	5.0	01/06/21 11:36	
o-Xylene	ug/kg	ND	5.0	01/06/21 11:36	
p-Isopropyltoluene	ug/kg	ND	5.0	01/06/21 11:36	
sec-Butylbenzene	ug/kg	ND	5.0	01/06/21 11:36	
Styrene	ug/kg	ND	5.0	01/06/21 11:36	
tert-Butylbenzene	ug/kg	ND	5.0	01/06/21 11:36	v2
Tetrachloroethene	ug/kg	ND	5.0	01/06/21 11:36	
Toluene	ug/kg	ND	5.0	01/06/21 11:36	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	01/06/21 11:36	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	01/06/21 11:36	
Trichloroethene	ug/kg	ND	5.0	01/06/21 11:36	
Trichlorofluoromethane	ug/kg	ND	5.0	01/06/21 11:36	
Vinyl acetate	ug/kg	ND	50.0	01/06/21 11:36	
Vinyl chloride	ug/kg	ND	10.0	01/06/21 11:36	
Xylene (Total)	ug/kg	ND	10.0	01/06/21 11:36	
1,2-Dichloroethane-d4 (S)	%	102	70-130	01/06/21 11:36	
4-Bromofluorobenzene (S)	%	97	69-134	01/06/21 11:36	
Toluene-d8 (S)	%	99	70-130	01/06/21 11:36	

LABORATORY CONTROL SAMPLE: 3119726

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1080	86	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1200	96	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1100	88	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1240	99	70-130	
1,1-Dichloroethane	ug/kg	1250	1140	91	70-130	
1,1-Dichloroethene	ug/kg	1250	1170	93	70-130	
1,1-Dichloropropene	ug/kg	1250	1110	89	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1170	94	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1130	90	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1170	93	68-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92514963

LABORATORY CONTROL SAMPLE: 3119726

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1090	87	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1110	89	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1120	90	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1110	89	70-130	
1,2-Dichloroethane	ug/kg	1250	1260	101	63-130	
1,2-Dichloropropane	ug/kg	1250	1090	87	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1190	95	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1140	91	70-130	
1,3-Dichloropropane	ug/kg	1250	1150	92	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1130	90	70-130	
2,2-Dichloropropane	ug/kg	1250	1220	98	66-130	
2-Butanone (MEK)	ug/kg	2500	2540	102	70-130	
2-Chlorotoluene	ug/kg	1250	1060	85	70-130	
2-Hexanone	ug/kg	2500	2460	98	70-130	
4-Chlorotoluene	ug/kg	1250	1030	82	70-130	v3
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2370	95	70-130	
Acetone	ug/kg	2500	2780	111	69-130	
Benzene	ug/kg	1250	1050	84	70-130	
Bromobenzene	ug/kg	1250	1120	89	70-130	
Bromochloromethane	ug/kg	1250	1300	104	70-130	
Bromodichloromethane	ug/kg	1250	1140	91	69-130	IK
Bromoform	ug/kg	1250	1130	91	70-130	
Bromomethane	ug/kg	1250	1750	140	52-130	L1,v1
Carbon tetrachloride	ug/kg	1250	991	79	70-130	v3
Chlorobenzene	ug/kg	1250	1100	88	70-130	
Chloroethane	ug/kg	1250	1220	98	65-130	
Chloroform	ug/kg	1250	1120	90	70-130	
Chloromethane	ug/kg	1250	1090	87	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1110	89	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1100	88	70-130	
Dibromochloromethane	ug/kg	1250	1130	90	70-130	
Dibromomethane	ug/kg	1250	1200	96	70-130	
Dichlorodifluoromethane	ug/kg	1250	1250	100	45-156	
Diisopropyl ether	ug/kg	1250	1080	87	70-130	
Ethylbenzene	ug/kg	1250	1220	98	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1050	84	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1110	89	70-130	
m&p-Xylene	ug/kg	2500	2100	84	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1140	92	70-130	
Methylene Chloride	ug/kg	1250	1250	100	65-130	
n-Butylbenzene	ug/kg	1250	1060	85	67-130	
n-Propylbenzene	ug/kg	1250	1060	85	70-130	
Naphthalene	ug/kg	1250	1230	98	70-130	
o-Xylene	ug/kg	1250	1060	85	70-130	
p-Isopropyltoluene	ug/kg	1250	1070	85	67-130	
sec-Butylbenzene	ug/kg	1250	1070	86	69-130	
Styrene	ug/kg	1250	1070	86	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92514963

LABORATORY CONTROL SAMPLE: 3119726

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	766	61	67-130	L2,v3
Tetrachloroethene	ug/kg	1250	1090	87	70-130	
Toluene	ug/kg	1250	1030	83	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1140	91	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1060	85	68-130	
Trichloroethene	ug/kg	1250	1080	87	70-130	
Trichlorofluoromethane	ug/kg	1250	1130	91	70-130	
Vinyl acetate	ug/kg	2500	2350	94	70-130	
Vinyl chloride	ug/kg	1250	1130	90	61-130	
Xylene (Total)	ug/kg	3750	3170	84	70-130	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			100	69-134	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 3119728

Parameter	Units	92514905002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	958	790	82	70-131	
1,1,1-Trichloroethane	ug/kg	ND	958	921	96	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	958	791	83	66-130	
1,1,2-Trichloroethane	ug/kg	ND	958	941	98	66-133	
1,1-Dichloroethane	ug/kg	ND	958	839	88	65-130	
1,1-Dichloroethene	ug/kg	ND	958	812	85	10-158	
1,1-Dichloropropene	ug/kg	ND	958	879	92	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	958	846	88	27-138	
1,2,3-Trichloropropane	ug/kg	ND	958	779	81	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	958	866	90	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	958	828	86	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	958	713	74	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	958	812	85	70-130	
1,2-Dichlorobenzene	ug/kg	ND	958	850	89	69-130	
1,2-Dichloroethane	ug/kg	ND	958	936	98	59-130	
1,2-Dichloropropane	ug/kg	ND	958	843	88	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	958	909	95	65-137	
1,3-Dichlorobenzene	ug/kg	ND	958	880	92	70-130	
1,3-Dichloropropane	ug/kg	ND	958	845	88	70-130	
1,4-Dichlorobenzene	ug/kg	ND	958	847	88	68-130	
2,2-Dichloropropane	ug/kg	ND	958	819	86	32-130	
2-Butanone (MEK)	ug/kg	ND	1920	1590	83	10-136	
2-Chlorotoluene	ug/kg	ND	958	822	86	69-141	
2-Hexanone	ug/kg	ND	1920	1610	84	10-144	
4-Chlorotoluene	ug/kg	ND	958	792	83	70-132	v3
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1920	1640	86	25-143	
Acetone	ug/kg	ND	1920	1410	74	10-130	
Benzene	ug/kg	ND	958	833	87	67-130	

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92514963

MATRIX SPIKE SAMPLE: 3119728

Parameter	Units	92514905002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromobenzene	ug/kg	ND	958	834	87	70-130	
Bromochloromethane	ug/kg	ND	958	973	102	69-134	
Bromodichloromethane	ug/kg	ND	958	808	84	64-130	IK
Bromoform	ug/kg	ND	958	708	74	62-130	
Bromomethane	ug/kg	ND	958	1070	112	20-176	v1
Carbon tetrachloride	ug/kg	ND	958	742	78	65-140	v3
Chlorobenzene	ug/kg	ND	958	842	88	70-130	
Chloroethane	ug/kg	ND	958	96.4	10	10-130	
Chloroform	ug/kg	ND	958	844	88	63-130	
Chloromethane	ug/kg	ND	958	927	97	58-130	
cis-1,2-Dichloroethene	ug/kg	ND	958	860	90	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	958	809	85	67-130	
Dibromochloromethane	ug/kg	ND	958	749	78	67-130	
Dibromomethane	ug/kg	ND	958	876	92	63-131	
Dichlorodifluoromethane	ug/kg	ND	958	992	104	44-180	
Diisopropyl ether	ug/kg	ND	958	799	83	63-130	
Ethylbenzene	ug/kg	ND	958	945	99	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	958	818	85	64-150	
Isopropylbenzene (Cumene)	ug/kg	ND	958	857	89	69-135	
m&p-Xylene	ug/kg	ND	1920	1630	85	60-133	
Methyl-tert-butyl ether	ug/kg	ND	958	819	86	65-130	
Methylene Chloride	ug/kg	ND	958	959	100	61-130	
n-Butylbenzene	ug/kg	ND	958	817	85	65-140	
n-Propylbenzene	ug/kg	ND	958	813	85	67-140	
Naphthalene	ug/kg	ND	958	876	92	15-145	
o-Xylene	ug/kg	ND	958	826	86	66-133	
p-Isopropyltoluene	ug/kg	ND	958	824	86	56-147	
sec-Butylbenzene	ug/kg	ND	958	827	86	65-139	
Styrene	ug/kg	ND	958	825	86	70-132	
tert-Butylbenzene	ug/kg	ND	958	596	62	62-135	v3
Tetrachloroethene	ug/kg	ND	958	850	89	70-135	
Toluene	ug/kg	ND	958	816	85	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	958	866	90	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	958	775	81	62-130	
Trichloroethene	ug/kg	ND	958	857	89	70-135	
Trichlorofluoromethane	ug/kg	ND	958	273	29	10-130	
Vinyl acetate	ug/kg	ND	1920	1550	81	53-130	
Vinyl chloride	ug/kg	ND	958	935	98	61-148	
Xylene (Total)	ug/kg	ND	2870	2460	86	63-132	
1,2-Dichloroethane-d4 (S)	%				118	70-130	
4-Bromofluorobenzene (S)	%				98	69-134	
Toluene-d8 (S)	%				100	70-130	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92514963

SAMPLE DUPLICATE: 3119727

Parameter	Units	92514905001 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		
1,1,1-Trichloroethane	ug/kg	ND	ND		
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		
1,1,2-Trichloroethane	ug/kg	ND	ND		
1,1-Dichloroethane	ug/kg	ND	ND		
1,1-Dichloroethene	ug/kg	ND	ND		
1,1-Dichloropropene	ug/kg	ND	ND		
1,2,3-Trichlorobenzene	ug/kg	ND	ND		
1,2,3-Trichloropropane	ug/kg	ND	ND		
1,2,4-Trichlorobenzene	ug/kg	ND	ND		
1,2,4-Trimethylbenzene	ug/kg	ND	ND		
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		
1,2-Dichlorobenzene	ug/kg	ND	ND		
1,2-Dichloroethane	ug/kg	ND	ND		
1,2-Dichloropropane	ug/kg	ND	ND		
1,3,5-Trimethylbenzene	ug/kg	ND	ND		
1,3-Dichlorobenzene	ug/kg	ND	ND		
1,3-Dichloropropane	ug/kg	ND	ND		
1,4-Dichlorobenzene	ug/kg	ND	ND		
2,2-Dichloropropane	ug/kg	ND	ND		
2-Butanone (MEK)	ug/kg	ND	ND		
2-Chlorotoluene	ug/kg	ND	ND		
2-Hexanone	ug/kg	ND	ND		
4-Chlorotoluene	ug/kg	ND	ND		v3
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		
Acetone	ug/kg	ND	ND		
Benzene	ug/kg	ND	ND		
Bromobenzene	ug/kg	ND	ND		
Bromochloromethane	ug/kg	ND	ND		
Bromodichloromethane	ug/kg	ND	ND		IK
Bromoform	ug/kg	ND	ND		
Bromomethane	ug/kg	ND	ND		v1
Carbon tetrachloride	ug/kg	ND	ND		v3
Chlorobenzene	ug/kg	ND	ND		
Chloroethane	ug/kg	ND	ND		
Chloroform	ug/kg	ND	ND		
Chloromethane	ug/kg	ND	ND		
cis-1,2-Dichloroethene	ug/kg	ND	ND		
cis-1,3-Dichloropropene	ug/kg	ND	ND		
Dibromochloromethane	ug/kg	ND	ND		
Dibromomethane	ug/kg	ND	ND		
Dichlorodifluoromethane	ug/kg	ND	ND		
Diisopropyl ether	ug/kg	ND	ND		
Ethylbenzene	ug/kg	ND	ND		
Hexachloro-1,3-butadiene	ug/kg	ND	ND		
Isopropylbenzene (Cumene)	ug/kg	ND	ND		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92514963

SAMPLE DUPLICATE: 3119727

Parameter	Units	92514905001 Result	Dup Result	RPD	Qualifiers
m&p-Xylene	ug/kg	ND	ND		
Methyl-tert-butyl ether	ug/kg	ND	ND		
Methylene Chloride	ug/kg	ND	ND		
n-Butylbenzene	ug/kg	ND	ND		
n-Propylbenzene	ug/kg	ND	ND		
Naphthalene	ug/kg	ND	ND		
o-Xylene	ug/kg	ND	ND		
p-Isopropyltoluene	ug/kg	ND	ND		
sec-Butylbenzene	ug/kg	ND	ND		
Styrene	ug/kg	ND	ND		
tert-Butylbenzene	ug/kg	ND	ND		v3
Tetrachloroethene	ug/kg	ND	ND		
Toluene	ug/kg	ND	ND		
trans-1,2-Dichloroethene	ug/kg	ND	ND		
trans-1,3-Dichloropropene	ug/kg	ND	ND		
Trichloroethene	ug/kg	ND	ND		
Trichlorofluoromethane	ug/kg	ND	ND		
Vinyl acetate	ug/kg	ND	ND		
Vinyl chloride	ug/kg	ND	ND		
Xylene (Total)	ug/kg	ND	ND		
1,2-Dichloroethane-d4 (S)	%	103	105		
4-Bromofluorobenzene (S)	%	98	100		
Toluene-d8 (S)	%	101	101		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92514963

QC Batch: 591055
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92514963001

SAMPLE DUPLICATE: 3120480

Parameter	Units	92515022001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%		21.3	2	

SAMPLE DUPLICATE: 3120502

Parameter	Units	92515001002 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	27.1	26.0	4	

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92514963

QC Batch: 1603045
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: 92514963001

METHOD BLANK: R3611485-1 Matrix: Solid
Associated Lab Samples: 92514963001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Solids	%	0.00100		01/10/21 10:12	

LABORATORY CONTROL SAMPLE: R3611485-2

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

SAMPLE DUPLICATE: R3611485-3

Parameter	Units	L1304085-02 Result	Dup Result	RPD	Qualifiers
Total Solids	%	81.7	82.1	0.432	

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QUALIFIERS

Project: 2020-LI-2448
Pace Project No.: 92514963

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

IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
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.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
v2	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-LI-2448
Pace Project No.: 92514963

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92514963001	**MW-71 (50-52)**	MADEPV	1603292	MADEP VPH	1603292
92514963001	**MW-71 (50-52)**	EPA 5035A/5030B	590934	EPA 8260D	590943
92514963001	**MW-71 (50-52)**	ASTM D2974-87	591055		
92514963001	**MW-71 (50-52)**	SM 2540 G	1603045	SM 2540G	1603045

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

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

LAB USE ONLY — List Pace Workorder Number or

WO# : 92514963

92514963

Company: APEX Companies LLC	Billing Information:
Address: 5900 Northwoods business parkway Charlotte NC	
Report To: Andrew Street	Email To: Andrew.street@apexcos.com
Copy To:	Site Collection Info/Address: CPC Huntersville Release
Customer Project Name/Number: 2020-L1-2448	State: NC / County/City: Huntersville / Time Zone Collected: [ ] PT [ ] MT [ ] CT [✓] ET
Phone: / Email:	Site/Facility ID #:
Collected By (print): Kyle Prock	Purchase Order #: / Quote #:
Collected By (signature):	Turnaround Date Required: Standard
Sample Disposal: [✓] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: / DW Location Code:

Immediately Packed on Ice: [✓] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

** 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 _____

* 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	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOC, 8260	Analyses: MADEP VPH	Lab Sample # / Comments
								Containe: 6	6		
MW-71 (50-52)	SL	Grab			01/05/21	1600		6	X	X	001

Lab Profile/Line:

Lab Sample Receipt Checklist:

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

LAB USE ONLY:

Lab Sample # / Comments:

92514963

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)

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

Lab Tracking #: 2560420

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info: IR 1/6/21

Temp Blank Received: (Y) N NA

Therm ID#: 92T064

Cooler 1 Temp Upon Receipt: 2.3 oC

Cooler 1 Therm Corr. Factor: -0.1 oC

Cooler 1 Corrected Temp: 2.2 oC

Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Kyle Prock / APEX	01/05/21 5:43pm	Naomi Fretz / Apex	1-5-21 15:18
Naomi Fretz / Apex	1-6-21 0815	AMM PACE HVL	1-6-21 8:15

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip 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#: 92514963

PM: AMB Due Date: 01/13/21

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			\	\			
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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

February 01, 2021

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

RE: Project: 2020-LI-2448 Incident
Pace Project No.: 92518156

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on January 22, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace National - Mt. Juliet

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
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CERTIFICATIONS

Project: 2020-LI-2448 Incident
Pace Project No.: 92518156

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-LI-2448 Incident
Pace Project No.: 92518156

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92518156001	**RW-51(45-47)**	MADEP VPH	BMB	6	PAN
		EPA 8260D	ADM, DWR	68	PAN
		SM 2540G	KDW	1	PAN
92518156002	**RW-52(30-32)**	MADEP VPH	BMB	6	PAN
		EPA 8260D	ADM, DWR	68	PAN
		SM 2540G	KDW	1	PAN

PAN = Pace National - Mt. Juliet

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 2020-LI-2448 Incident
Pace Project No.: 92518156

Sample: RW-51(45-47) **Lab ID: 92518156001** Collected: 01/18/21 14:20 Received: 01/22/21 17:10 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEPV	Analytical Method: MADEP VPH Preparation Method: MADEPV Pace National - Mt. Juliet							
Aliphatic (C05-C08)	**1290**	mg/kg	136	20	01/18/21 14:20	01/30/21 06:56		
Aliphatic (C09-C12)	**1280**	mg/kg	136	20	01/18/21 14:20	01/30/21 06:56		
Aromatic (C09-C10),Unadjusted	**589**	mg/kg	136	20	01/18/21 14:20	01/30/21 06:56	TPHC9C10A	
Total VPH	**3160**	mg/kg	136	20	01/18/21 14:20	01/30/21 06:56	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	106	%	70.0-130	20	01/18/21 14:20	01/30/21 06:56	615-59-8FID	
2,5-Dibromotoluene (PID)	83.6	%	70.0-130	20	01/18/21 14:20	01/30/21 06:56	615-59-8PID	
VOA (GC/MS) 8260D	Analytical Method: EPA 8260D Preparation Method: 5035A Pace National - Mt. Juliet							
Acetone	ND	mg/kg	5.37	80	01/18/21 14:20	01/27/21 22:45	67-64-1	
Acrylonitrile	ND	mg/kg	1.34	80	01/18/21 14:20	01/27/21 22:45	107-13-1	
Benzene	**7.26**	mg/kg	0.107	80	01/18/21 14:20	01/27/21 22:45	71-43-2	
Bromobenzene	ND	mg/kg	1.34	80	01/18/21 14:20	01/27/21 22:45	108-86-1	
Bromodichloromethane	ND	mg/kg	0.269	80	01/18/21 14:20	01/27/21 22:45	75-27-4	
Bromoform	ND	mg/kg	2.69	80	01/18/21 14:20	01/27/21 22:45	75-25-2	
Bromomethane	ND	mg/kg	1.34	80	01/18/21 14:20	01/27/21 22:45	74-83-9	
n-Butylbenzene	**6.67**	mg/kg	1.34	80	01/18/21 14:20	01/27/21 22:45	104-51-8	
sec-Butylbenzene	**2.51**	mg/kg	1.34	80	01/18/21 14:20	01/27/21 22:45	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.537	80	01/18/21 14:20	01/27/21 22:45	98-06-6	
Carbon tetrachloride	ND	mg/kg	0.537	80	01/18/21 14:20	01/27/21 22:45	56-23-5	
Chlorobenzene	ND	mg/kg	0.269	80	01/18/21 14:20	01/27/21 22:45	108-90-7	
Dibromochloromethane	ND	mg/kg	0.269	80	01/18/21 14:20	01/27/21 22:45	124-48-1	
Chloroethane	ND	mg/kg	0.537	80	01/18/21 14:20	01/27/21 22:45	75-00-3	
Chloroform	ND	mg/kg	0.269	80	01/18/21 14:20	01/27/21 22:45	67-66-3	
Chloromethane	ND	mg/kg	1.34	80	01/18/21 14:20	01/27/21 22:45	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.269	80	01/18/21 14:20	01/27/21 22:45	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.537	80	01/18/21 14:20	01/27/21 22:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	mg/kg	2.69	80	01/18/21 14:20	01/27/21 22:45	96-12-8	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.269	80	01/18/21 14:20	01/27/21 22:45	106-93-4	
Dibromomethane	ND	mg/kg	0.537	80	01/18/21 14:20	01/27/21 22:45	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.537	80	01/18/21 14:20	01/27/21 22:45	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.537	80	01/18/21 14:20	01/27/21 22:45	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.537	80	01/18/21 14:20	01/27/21 22:45	106-46-7	
Dichlorodifluoromethane	ND	mg/kg	0.269	80	01/18/21 14:20	01/27/21 22:45	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.269	80	01/18/21 14:20	01/27/21 22:45	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.269	80	01/18/21 14:20	01/27/21 22:45	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.269	80	01/18/21 14:20	01/27/21 22:45	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.269	80	01/18/21 14:20	01/27/21 22:45	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.537	80	01/18/21 14:20	01/27/21 22:45	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.537	80	01/18/21 14:20	01/27/21 22:45	78-87-5	
1,1-Dichloropropene	ND	mg/kg	0.269	80	01/18/21 14:20	01/27/21 22:45	563-58-6	
1,3-Dichloropropane	ND	mg/kg	0.537	80	01/18/21 14:20	01/27/21 22:45	142-28-9	
cis-1,3-Dichloropropene	ND	mg/kg	0.269	80	01/18/21 14:20	01/27/21 22:45	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.537	80	01/18/21 14:20	01/27/21 22:45	10061-02-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: 2020-LI-2448 Incident
Pace Project No.: 92518156

Sample: RW-51(45-47) **Lab ID: 92518156001** Collected: 01/18/21 14:20 Received: 01/22/21 17:10 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D	Analytical Method: EPA 8260D Preparation Method: 5035A Pace National - Mt. Juliet							
2,2-Dichloropropane	ND	mg/kg	0.269	80	01/18/21 14:20	01/27/21 22:45	594-20-7	
Diisopropyl ether	**0.513**	mg/kg	0.107	80	01/18/21 14:20	01/27/21 22:45	108-20-3	
Ethylbenzene	**57.7**	mg/kg	0.269	80	01/18/21 14:20	01/27/21 22:45	100-41-4	P6
Hexachloro-1,3-butadiene	ND	mg/kg	2.69	80	01/18/21 14:20	01/27/21 22:45	87-68-3	
Isopropylbenzene (Cumene)	**6.65**	mg/kg	0.269	80	01/18/21 14:20	01/27/21 22:45	98-82-8	
p-Isopropyltoluene	**1.44**	mg/kg	0.537	80	01/18/21 14:20	01/27/21 22:45	99-87-6	
2-Butanone (MEK)	ND	mg/kg	10.7	80	01/18/21 14:20	01/27/21 22:45	78-93-3	
Methylene Chloride	ND	mg/kg	2.69	80	01/18/21 14:20	01/27/21 22:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	2.69	80	01/18/21 14:20	01/27/21 22:45	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.107	80	01/18/21 14:20	01/27/21 22:45	1634-04-4	
Naphthalene	**18.5**	mg/kg	1.34	80	01/18/21 14:20	01/27/21 22:45	91-20-3	
n-Propylbenzene	**25.4**	mg/kg	0.537	80	01/18/21 14:20	01/27/21 22:45	103-65-1	ML
Styrene	ND	mg/kg	1.34	80	01/18/21 14:20	01/27/21 22:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.269	80	01/18/21 14:20	01/27/21 22:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.269	80	01/18/21 14:20	01/27/21 22:45	79-34-5	
1,1,2-Trichlorotrifluoroethane	ND	mg/kg	0.269	80	01/18/21 14:20	01/27/21 22:45	76-13-1	
Tetrachloroethene	ND	mg/kg	0.269	80	01/18/21 14:20	01/27/21 22:45	127-18-4	
Toluene	**136**	mg/kg	1.34	200	01/18/21 14:20	01/29/21 02:25	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	1.34	80	01/18/21 14:20	01/27/21 22:45	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	1.34	80	01/18/21 14:20	01/27/21 22:45	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.269	80	01/18/21 14:20	01/27/21 22:45	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.269	80	01/18/21 14:20	01/27/21 22:45	79-00-5	
Trichloroethene	ND	mg/kg	0.107	80	01/18/21 14:20	01/27/21 22:45	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.269	80	01/18/21 14:20	01/27/21 22:45	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	1.34	80	01/18/21 14:20	01/27/21 22:45	96-18-4	
1,2,4-Trimethylbenzene	**133**	mg/kg	0.537	80	01/18/21 14:20	01/27/21 22:45	95-63-6	P6
1,2,3-Trimethylbenzene	**36.3**	mg/kg	0.537	80	01/18/21 14:20	01/27/21 22:45	526-73-8	P6
1,3,5-Trimethylbenzene	**43.0**	mg/kg	0.537	80	01/18/21 14:20	01/27/21 22:45	108-67-8	P6
Vinyl chloride	ND	mg/kg	0.269	80	01/18/21 14:20	01/27/21 22:45	75-01-4	
Xylene (Total)	**310**	mg/kg	0.698	80	01/18/21 14:20	01/27/21 22:45	1330-20-7	P6
Surrogates								
Toluene-d8 (S)	99.6	%	75.0-131	80	01/18/21 14:20	01/27/21 22:45	2037-26-5	
Toluene-d8 (S)	99.2	%	75.0-131	200	01/18/21 14:20	01/29/21 02:25	2037-26-5	
4-Bromofluorobenzene (S)	105	%	67.0-138	80	01/18/21 14:20	01/27/21 22:45	460-00-4	
4-Bromofluorobenzene (S)	100	%	67.0-138	200	01/18/21 14:20	01/29/21 02:25	460-00-4	
1,2-Dichloroethane-d4 (S)	99.8	%	70.0-130	80	01/18/21 14:20	01/27/21 22:45	17060-07-0	
1,2-Dichloroethane-d4 (S)	98.8	%	70.0-130	200	01/18/21 14:20	01/29/21 02:25	17060-07-0	
Total Solids 2540 G-2011	Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet							
Total Solids	**89.5**	%		1	01/29/21 08:42	01/29/21 08:51		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-LI-2448 Incident
Pace Project No.: 92518156

Sample: RW-52(30-32) **Lab ID: 92518156002** Collected: 01/18/21 16:05 Received: 01/22/21 17:10 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEPV	Analytical Method: MADEP VPH Preparation Method: MADEPV Pace National - Mt. Juliet							
Aliphatic (C05-C08)	**2640**	mg/kg	386	50	01/18/21 16:05	01/30/21 07:29		
Aliphatic (C09-C12)	**2360**	mg/kg	386	50	01/18/21 16:05	01/30/21 07:29		
Aromatic (C09-C10),Unadjusted	**709**	mg/kg	386	50	01/18/21 16:05	01/30/21 07:29	TPHC9C10A	
Total VPH	**5720**	mg/kg	386	50	01/18/21 16:05	01/30/21 07:29	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	99.5	%	70.0-130	50	01/18/21 16:05	01/30/21 07:29	615-59-8FID	
2,5-Dibromotoluene (PID)	80.2	%	70.0-130	50	01/18/21 16:05	01/30/21 07:29	615-59-8PID	
VOA (GC/MS) 8260D	Analytical Method: EPA 8260D Preparation Method: 5035A Pace National - Mt. Juliet							
Acetone	ND	mg/kg	15.7	200	01/18/21 16:05	01/27/21 23:04	67-64-1	
Acrylonitrile	ND	mg/kg	3.93	200	01/18/21 16:05	01/27/21 23:04	107-13-1	
Benzene	**60.1**	mg/kg	0.315	200	01/18/21 16:05	01/27/21 23:04	71-43-2	
Bromobenzene	ND	mg/kg	3.93	200	01/18/21 16:05	01/27/21 23:04	108-86-1	
Bromodichloromethane	ND	mg/kg	0.787	200	01/18/21 16:05	01/27/21 23:04	75-27-4	
Bromoform	ND	mg/kg	7.87	200	01/18/21 16:05	01/27/21 23:04	75-25-2	
Bromomethane	ND	mg/kg	3.93	200	01/18/21 16:05	01/27/21 23:04	74-83-9	
n-Butylbenzene	**4.58**	mg/kg	3.93	200	01/18/21 16:05	01/27/21 23:04	104-51-8	
sec-Butylbenzene	ND	mg/kg	3.93	200	01/18/21 16:05	01/27/21 23:04	135-98-8	
tert-Butylbenzene	ND	mg/kg	1.57	200	01/18/21 16:05	01/27/21 23:04	98-06-6	
Carbon tetrachloride	ND	mg/kg	1.57	200	01/18/21 16:05	01/27/21 23:04	56-23-5	
Chlorobenzene	ND	mg/kg	0.787	200	01/18/21 16:05	01/27/21 23:04	108-90-7	
Dibromochloromethane	ND	mg/kg	0.787	200	01/18/21 16:05	01/27/21 23:04	124-48-1	
Chloroethane	ND	mg/kg	1.57	200	01/18/21 16:05	01/27/21 23:04	75-00-3	
Chloroform	ND	mg/kg	0.787	200	01/18/21 16:05	01/27/21 23:04	67-66-3	
Chloromethane	ND	mg/kg	3.93	200	01/18/21 16:05	01/27/21 23:04	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.787	200	01/18/21 16:05	01/27/21 23:04	95-49-8	
4-Chlorotoluene	ND	mg/kg	1.57	200	01/18/21 16:05	01/27/21 23:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	mg/kg	7.87	200	01/18/21 16:05	01/27/21 23:04	96-12-8	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.787	200	01/18/21 16:05	01/27/21 23:04	106-93-4	
Dibromomethane	ND	mg/kg	1.57	200	01/18/21 16:05	01/27/21 23:04	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	1.57	200	01/18/21 16:05	01/27/21 23:04	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	1.57	200	01/18/21 16:05	01/27/21 23:04	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	1.57	200	01/18/21 16:05	01/27/21 23:04	106-46-7	
Dichlorodifluoromethane	ND	mg/kg	0.787	200	01/18/21 16:05	01/27/21 23:04	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.787	200	01/18/21 16:05	01/27/21 23:04	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.787	200	01/18/21 16:05	01/27/21 23:04	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.787	200	01/18/21 16:05	01/27/21 23:04	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.787	200	01/18/21 16:05	01/27/21 23:04	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	1.57	200	01/18/21 16:05	01/27/21 23:04	156-60-5	
1,2-Dichloropropane	ND	mg/kg	1.57	200	01/18/21 16:05	01/27/21 23:04	78-87-5	
1,1-Dichloropropene	ND	mg/kg	0.787	200	01/18/21 16:05	01/27/21 23:04	563-58-6	
1,3-Dichloropropane	ND	mg/kg	1.57	200	01/18/21 16:05	01/27/21 23:04	142-28-9	
cis-1,3-Dichloropropene	ND	mg/kg	0.787	200	01/18/21 16:05	01/27/21 23:04	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	1.57	200	01/18/21 16:05	01/27/21 23:04	10061-02-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

ANALYTICAL RESULTS

Project: 2020-LI-2448 Incident
Pace Project No.: 92518156

Sample: RW-52(30-32) **Lab ID: 92518156002** Collected: 01/18/21 16:05 Received: 01/22/21 17:10 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D	Analytical Method: EPA 8260D Preparation Method: 5035A Pace National - Mt. Juliet							
2,2-Dichloropropane	ND	mg/kg	0.787	200	01/18/21 16:05	01/27/21 23:04	594-20-7	
Diisopropyl ether	**1.70**	mg/kg	0.315	200	01/18/21 16:05	01/27/21 23:04	108-20-3	
Ethylbenzene	**140**	mg/kg	0.787	200	01/18/21 16:05	01/27/21 23:04	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/kg	7.87	200	01/18/21 16:05	01/27/21 23:04	87-68-3	
Isopropylbenzene (Cumene)	**10.0**	mg/kg	0.787	200	01/18/21 16:05	01/27/21 23:04	98-82-8	
p-Isopropyltoluene	ND	mg/kg	1.57	200	01/18/21 16:05	01/27/21 23:04	99-87-6	
2-Butanone (MEK)	ND	mg/kg	31.5	200	01/18/21 16:05	01/27/21 23:04	78-93-3	
Methylene Chloride	ND	mg/kg	7.87	200	01/18/21 16:05	01/27/21 23:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	7.87	200	01/18/21 16:05	01/27/21 23:04	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.315	200	01/18/21 16:05	01/27/21 23:04	1634-04-4	
Naphthalene	**38.2**	mg/kg	3.93	200	01/18/21 16:05	01/27/21 23:04	91-20-3	
n-Propylbenzene	**35.7**	mg/kg	1.57	200	01/18/21 16:05	01/27/21 23:04	103-65-1	
Styrene	ND	mg/kg	3.93	200	01/18/21 16:05	01/27/21 23:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.787	200	01/18/21 16:05	01/27/21 23:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.787	200	01/18/21 16:05	01/27/21 23:04	79-34-5	
1,1,2-Trichlorotrifluoroethane	ND	mg/kg	0.787	200	01/18/21 16:05	01/27/21 23:04	76-13-1	
Tetrachloroethene	ND	mg/kg	0.787	200	01/18/21 16:05	01/27/21 23:04	127-18-4	
Toluene	**681**	mg/kg	3.15	400	01/18/21 16:05	01/29/21 02:44	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	3.93	200	01/18/21 16:05	01/27/21 23:04	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	3.93	200	01/18/21 16:05	01/27/21 23:04	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.787	200	01/18/21 16:05	01/27/21 23:04	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.787	200	01/18/21 16:05	01/27/21 23:04	79-00-5	
Trichloroethene	ND	mg/kg	0.315	200	01/18/21 16:05	01/27/21 23:04	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.787	200	01/18/21 16:05	01/27/21 23:04	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	3.93	200	01/18/21 16:05	01/27/21 23:04	96-18-4	
1,2,4-Trimethylbenzene	**186**	mg/kg	1.57	200	01/18/21 16:05	01/27/21 23:04	95-63-6	
1,2,3-Trimethylbenzene	**49.6**	mg/kg	1.57	200	01/18/21 16:05	01/27/21 23:04	526-73-8	
1,3,5-Trimethylbenzene	**50.2**	mg/kg	1.57	200	01/18/21 16:05	01/27/21 23:04	108-67-8	
Vinyl chloride	ND	mg/kg	0.787	200	01/18/21 16:05	01/27/21 23:04	75-01-4	
Xylene (Total)	**703**	mg/kg	2.05	200	01/18/21 16:05	01/27/21 23:04	1330-20-7	
Surrogates								
Toluene-d8 (S)	99.6	%	75.0-131	200	01/18/21 16:05	01/27/21 23:04	2037-26-5	
Toluene-d8 (S)	97.8	%	75.0-131	400	01/18/21 16:05	01/29/21 02:44	2037-26-5	
4-Bromofluorobenzene (S)	100	%	67.0-138	200	01/18/21 16:05	01/27/21 23:04	460-00-4	
4-Bromofluorobenzene (S)	100	%	67.0-138	400	01/18/21 16:05	01/29/21 02:44	460-00-4	
1,2-Dichloroethane-d4 (S)	99.0	%	70.0-130	200	01/18/21 16:05	01/27/21 23:04	17060-07-0	
1,2-Dichloroethane-d4 (S)	101	%	70.0-130	400	01/18/21 16:05	01/29/21 02:44	17060-07-0	
Total Solids 2540 G-2011	Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet							
Total Solids	**84.8**	%		1	01/29/21 08:42	01/29/21 08:51		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448 Incident
Pace Project No.: 92518156

QC Batch: 1613672
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92518156001, 92518156002

METHOD BLANK: R3617830-3 Matrix: Solid
Associated Lab Samples: 92518156001, 92518156002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	5.00	01/29/21 22:02	
Aliphatic (C09-C12)	mg/kg	ND	5.00	01/29/21 22:02	
Aromatic (C09-C10),Unadjusted	mg/kg	ND	5.00	01/29/21 22:02	
Total VPH	mg/kg	ND	5.00	01/29/21 22:02	
2,5-Dibromotoluene (FID)	%	96.2	70.0-130	01/29/21 22:02	
2,5-Dibromotoluene (PID)	%	79	70.0-130	01/29/21 22:02	

LABORATORY CONTROL SAMPLE & LCSD: R3617830-1 R3617830-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	60.0	65.0	61.5	108	103	70.0-130	5.53	25	
Aliphatic (C09-C12)	mg/kg	70.0	88.0	84.2	126	120	70.0-130	4.41	25	
Aromatic (C09-C10),Unadjusted	mg/kg	10.0	10.7	10.1	107	101	70.0-130	5.77	25	
Total VPH	mg/kg	140	164	156	117	111	70.0-130	5.00	25	
2,5-Dibromotoluene (FID)	%				101	100	70.0-130			
2,5-Dibromotoluene (PID)	%				82.4	82.1	70.0-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3617830-4 R3617830-5

Parameter	Units	L1310411-01 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Aliphatic (C05-C08)	mg/kg	ND	49.8	49.8	8.76	39.6	17.6	79.5	70.0-130	128	ML,R1
Aliphatic (C09-C12)	mg/kg	ND	58.1	58.1	11.7	68.3	20.1	118	70.0-130	142	ML,R1
Aromatic (C09-C10),Unadjusted	mg/kg	2.42	8.30	8.30	2.32	8.18	0.00	69.4	70.0-130	112	ML,R1
Total VPH	mg/kg	ND	116	116	22.8	116	19.7	100	70.0-130	134	ML,R1
2,5-Dibromotoluene (FID)	%						97.7	99.3	70.0-130		
2,5-Dibromotoluene (PID)	%						78.6	80.1	70.0-130		

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448 Incident
Pace Project No.: 92518156

QC Batch: 1612275
QC Batch Method: 5035A
Analysis Method: EPA 8260D
Analysis Description: VOA (GC/MS) 8260D
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92518156001, 92518156002

METHOD BLANK: R3616930-3 Matrix: Solid

Associated Lab Samples: 92518156001, 92518156002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acetone	mg/kg	ND	0.0500	01/27/21 14:16	
Acrylonitrile	mg/kg	ND	0.0125	01/27/21 14:16	
Benzene	mg/kg	ND	0.00100	01/27/21 14:16	
Bromobenzene	mg/kg	ND	0.0125	01/27/21 14:16	
Bromodichloromethane	mg/kg	ND	0.00250	01/27/21 14:16	
Bromoform	mg/kg	ND	0.0250	01/27/21 14:16	
Bromomethane	mg/kg	ND	0.0125	01/27/21 14:16	
n-Butylbenzene	mg/kg	ND	0.0125	01/27/21 14:16	
sec-Butylbenzene	mg/kg	ND	0.0125	01/27/21 14:16	
tert-Butylbenzene	mg/kg	ND	0.00500	01/27/21 14:16	
Carbon tetrachloride	mg/kg	ND	0.00500	01/27/21 14:16	
Chlorobenzene	mg/kg	ND	0.00250	01/27/21 14:16	
Dibromochloromethane	mg/kg	ND	0.00250	01/27/21 14:16	
Chloroethane	mg/kg	ND	0.00500	01/27/21 14:16	
Chloroform	mg/kg	ND	0.00250	01/27/21 14:16	
Chloromethane	mg/kg	ND	0.0125	01/27/21 14:16	
2-Chlorotoluene	mg/kg	ND	0.00250	01/27/21 14:16	
4-Chlorotoluene	mg/kg	ND	0.00500	01/27/21 14:16	
1,2-Dibromo-3-chloropropane	mg/kg	ND	0.0250	01/27/21 14:16	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.00250	01/27/21 14:16	
Dibromomethane	mg/kg	ND	0.00500	01/27/21 14:16	
1,2-Dichlorobenzene	mg/kg	ND	0.00500	01/27/21 14:16	
1,3-Dichlorobenzene	mg/kg	ND	0.00500	01/27/21 14:16	
1,4-Dichlorobenzene	mg/kg	ND	0.00500	01/27/21 14:16	
Dichlorodifluoromethane	mg/kg	ND	0.00250	01/27/21 14:16	
1,1-Dichloroethane	mg/kg	ND	0.00250	01/27/21 14:16	
1,2-Dichloroethane	mg/kg	ND	0.00250	01/27/21 14:16	
1,1-Dichloroethene	mg/kg	ND	0.00250	01/27/21 14:16	
cis-1,2-Dichloroethene	mg/kg	ND	0.00250	01/27/21 14:16	
trans-1,2-Dichloroethene	mg/kg	ND	0.00500	01/27/21 14:16	
1,2-Dichloropropane	mg/kg	ND	0.00500	01/27/21 14:16	
1,1-Dichloropropene	mg/kg	ND	0.00250	01/27/21 14:16	
1,3-Dichloropropane	mg/kg	ND	0.00500	01/27/21 14:16	
cis-1,3-Dichloropropene	mg/kg	ND	0.00250	01/27/21 14:16	
trans-1,3-Dichloropropene	mg/kg	ND	0.00500	01/27/21 14:16	
2,2-Dichloropropane	mg/kg	ND	0.00250	01/27/21 14:16	
Diisopropyl ether	mg/kg	ND	0.00100	01/27/21 14:16	
Ethylbenzene	mg/kg	ND	0.00250	01/27/21 14:16	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0250	01/27/21 14:16	
Isopropylbenzene (Cumene)	mg/kg	ND	0.00250	01/27/21 14:16	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448 Incident
Pace Project No.: 92518156

METHOD BLANK: R3616930-3 Matrix: Solid
Associated Lab Samples: 92518156001, 92518156002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
p-Isopropyltoluene	mg/kg	ND	0.00500	01/27/21 14:16	
2-Butanone (MEK)	mg/kg	ND	0.100	01/27/21 14:16	
Methylene Chloride	mg/kg	ND	0.0250	01/27/21 14:16	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.0250	01/27/21 14:16	
Methyl-tert-butyl ether	mg/kg	ND	0.00100	01/27/21 14:16	
Naphthalene	mg/kg	ND	0.0125	01/27/21 14:16	
n-Propylbenzene	mg/kg	ND	0.00500	01/27/21 14:16	
Styrene	mg/kg	ND	0.0125	01/27/21 14:16	
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.00250	01/27/21 14:16	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.00250	01/27/21 14:16	
Tetrachloroethene	mg/kg	ND	0.00250	01/27/21 14:16	
1,1,2-Trichlorotrifluoroethane	mg/kg	ND	0.00250	01/27/21 14:16	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0125	01/27/21 14:16	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0125	01/27/21 14:16	
1,1,1-Trichloroethane	mg/kg	ND	0.00250	01/27/21 14:16	
1,1,2-Trichloroethane	mg/kg	ND	0.00250	01/27/21 14:16	
Trichloroethene	mg/kg	ND	0.00100	01/27/21 14:16	
Trichlorofluoromethane	mg/kg	ND	0.00250	01/27/21 14:16	
1,2,3-Trichloropropane	mg/kg	ND	0.0125	01/27/21 14:16	
1,2,3-Trimethylbenzene	mg/kg	ND	0.00500	01/27/21 14:16	
1,2,4-Trimethylbenzene	mg/kg	ND	0.00500	01/27/21 14:16	
1,3,5-Trimethylbenzene	mg/kg	ND	0.00500	01/27/21 14:16	
Vinyl chloride	mg/kg	ND	0.00250	01/27/21 14:16	
Xylene (Total)	mg/kg	ND	0.00650	01/27/21 14:16	
Toluene-d8 (S)	%	99.4	75.0-131	01/27/21 14:16	
4-Bromofluorobenzene (S)	%	95.9	67.0-138	01/27/21 14:16	
1,2-Dichloroethane-d4 (S)	%	86.7	70.0-130	01/27/21 14:16	

LABORATORY CONTROL SAMPLE & LCSD: R3616930-1 R3616930-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Acetone	mg/kg	0.625	0.716	0.830	115	133	10.0-160	14.7	31	
Acrylonitrile	mg/kg	0.625	0.622	0.622	99.5	99.5	45.0-153	0.00	22	
Benzene	mg/kg	0.125	0.119	0.113	95.2	90.4	70.0-123	5.17	20	
Bromobenzene	mg/kg	0.125	0.123	0.114	98.4	91.2	73.0-121	7.59	20	
Bromodichloromethane	mg/kg	0.125	0.114	0.107	91.2	85.6	73.0-121	6.33	20	
Bromoform	mg/kg	0.125	0.125	0.126	100	101	64.0-132	0.797	20	
Bromomethane	mg/kg	0.125	0.119	0.112	95.2	89.6	56.0-147	6.06	20	
n-Butylbenzene	mg/kg	0.125	0.111	0.107	88.8	85.6	68.0-135	3.67	20	
sec-Butylbenzene	mg/kg	0.125	0.113	0.109	90.4	87.2	74.0-130	3.60	20	
tert-Butylbenzene	mg/kg	0.125	0.120	0.110	96.0	88.0	75.0-127	8.70	20	
Carbon tetrachloride	mg/kg	0.125	0.124	0.124	99.2	99.2	66.0-128	0.00	20	
Chlorobenzene	mg/kg	0.125	0.117	0.115	93.6	92.0	76.0-128	1.72	20	
Dibromochloromethane	mg/kg	0.125	0.120	0.114	96.0	91.2	74.0-127	5.13	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448 Incident
Pace Project No.: 92518156

LABORATORY CONTROL SAMPLE & LCSD: R3616930-1 R3616930-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chloroethane	mg/kg	0.125	0.123	0.121	98.4	96.8	61.0-134	1.64	20	
Chloroform	mg/kg	0.125	0.118	0.115	94.4	92.0	72.0-123	2.58	20	
Chloromethane	mg/kg	0.125	0.111	0.114	88.8	91.2	51.0-138	2.67	20	
2-Chlorotoluene	mg/kg	0.125	0.113	0.107	90.4	85.6	75.0-124	5.45	20	
4-Chlorotoluene	mg/kg	0.125	0.119	0.113	95.2	90.4	75.0-124	5.17	20	
1,2-Dibromo-3-chloropropane	mg/kg	0.125	0.117	0.119	93.6	95.2	59.0-130	1.69	20	
1,2-Dibromoethane (EDB)	mg/kg	0.125	0.113	0.110	90.4	88.0	74.0-128	2.69	20	
Dibromomethane	mg/kg	0.125	0.122	0.110	97.6	88.0	75.0-122	10.3	20	
1,2-Dichlorobenzene	mg/kg	0.125	0.113	0.107	90.4	85.6	76.0-124	5.45	20	
1,3-Dichlorobenzene	mg/kg	0.125	0.115	0.109	92.0	87.2	76.0-125	5.36	20	
1,4-Dichlorobenzene	mg/kg	0.125	0.111	0.106	88.8	84.8	77.0-121	4.61	20	
Dichlorodifluoromethane	mg/kg	0.125	0.120	0.120	96.0	96.0	43.0-156	0.00	20	
1,1-Dichloroethane	mg/kg	0.125	0.119	0.113	95.2	90.4	70.0-127	5.17	20	
1,2-Dichloroethane	mg/kg	0.125	0.115	0.110	92.0	88.0	65.0-131	4.44	20	
1,1-Dichloroethene	mg/kg	0.125	0.122	0.117	97.6	93.6	65.0-131	4.18	20	
cis-1,2-Dichloroethene	mg/kg	0.125	0.114	0.108	91.2	86.4	73.0-125	5.41	20	
trans-1,2-Dichloroethene	mg/kg	0.125	0.117	0.109	93.6	87.2	71.0-125	7.08	20	
1,2-Dichloropropane	mg/kg	0.125	0.118	0.112	94.4	89.6	74.0-125	5.22	20	
1,1-Dichloropropene	mg/kg	0.125	0.118	0.112	94.4	89.6	73.0-125	5.22	20	
1,3-Dichloropropane	mg/kg	0.125	0.111	0.111	88.8	88.8	80.0-125	0.00	20	
cis-1,3-Dichloropropene	mg/kg	0.125	0.118	0.117	94.4	93.6	76.0-127	0.851	20	
trans-1,3-Dichloropropene	mg/kg	0.125	0.121	0.117	96.8	93.6	73.0-127	3.36	20	
2,2-Dichloropropane	mg/kg	0.125	0.122	0.110	97.6	88.0	59.0-135	10.3	20	
Diisopropyl ether	mg/kg	0.125	0.117	0.109	93.6	87.2	60.0-136	7.08	20	
Ethylbenzene	mg/kg	0.125	0.115	0.113	92.0	90.4	74.0-126	1.75	20	
Hexachloro-1,3-butadiene	mg/kg	0.125	0.108	0.111	86.4	88.8	57.0-150	2.74	20	
Isopropylbenzene (Cumene)	mg/kg	0.125	0.118	0.118	94.4	94.4	72.0-127	0.00	20	
p-Isopropyltoluene	mg/kg	0.125	0.117	0.113	93.6	90.4	72.0-133	3.48	20	
2-Butanone (MEK)	mg/kg	0.625	0.590	0.602	94.4	96.3	30.0-160	2.01	24	
Methylene Chloride	mg/kg	0.125	0.123	0.117	98.4	93.6	68.0-123	5.00	20	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.625	0.591	0.572	94.6	91.5	56.0-143	3.27	20	
Methyl-tert-butyl ether	mg/kg	0.125	0.123	0.117	98.4	93.6	66.0-132	5.00	20	
Naphthalene	mg/kg	0.125	0.109	0.113	87.2	90.4	59.0-130	3.60	20	
n-Propylbenzene	mg/kg	0.125	0.116	0.109	92.8	87.2	74.0-126	6.22	20	
Styrene	mg/kg	0.125	0.116	0.112	92.8	89.6	72.0-127	3.51	20	
1,1,1,2-Tetrachloroethane	mg/kg	0.125	0.119	0.116	95.2	92.8	74.0-129	2.55	20	
1,1,2,2-Tetrachloroethane	mg/kg	0.125	0.110	0.101	88.0	80.8	68.0-128	8.53	20	
Tetrachloroethene	mg/kg	0.125	0.116	0.114	92.8	91.2	70.0-136	1.74	20	
1,1,2-Trichlorotrifluoroethane	mg/kg	0.125	0.127	0.123	102	98.4	61.0-139	3.20	20	
1,2,3-Trichlorobenzene	mg/kg	0.125	0.105	0.113	84.0	90.4	59.0-139	7.34	20	
1,2,4-Trichlorobenzene	mg/kg	0.125	0.108	0.112	86.4	89.6	62.0-137	3.64	20	
1,1,1-Trichloroethane	mg/kg	0.125	0.122	0.114	97.6	91.2	69.0-126	6.78	20	
1,1,2-Trichloroethane	mg/kg	0.125	0.115	0.113	92.0	90.4	78.0-123	1.75	20	
Trichloroethene	mg/kg	0.125	0.124	0.124	99.2	99.2	76.0-126	0.00	20	
Trichlorofluoromethane	mg/kg	0.125	0.124	0.120	99.2	96.0	61.0-142	3.28	20	
1,2,3-Trichloropropane	mg/kg	0.125	0.115	0.106	92.0	84.8	67.0-129	8.14	20	
1,2,3-Trimethylbenzene	mg/kg	0.125	0.118	0.111	94.4	88.8	74.0-124	6.11	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448 Incident
Pace Project No.: 92518156

LABORATORY CONTROL SAMPLE & LCSD: R3616930-1 R3616930-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	mg/kg	0.125	0.113	0.108	90.4	86.4	70.0-126	4.52	20	
1,3,5-Trimethylbenzene	mg/kg	0.125	0.118	0.110	94.4	88.0	73.0-127	7.02	20	
Vinyl chloride	mg/kg	0.125	0.113	0.121	90.4	96.8	63.0-134	6.84	20	
Xylene (Total)	mg/kg	0.375	0.351	0.348	93.6	92.8	72.0-127	0.858	20	
Toluene-d8 (S)	%				100	100	75.0-131			
4-Bromofluorobenzene (S)	%				101	103	67.0-138			
1,2-Dichloroethane-d4 (S)	%				99.7	100	70.0-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3616930-4 R3616930-5

Parameter	Units	92518156001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Acetone	mg/kg	ND	34.9	34.9	31.4	37.1	90.0	106	10.0-160	16.5	
Acrylonitrile	mg/kg	ND	34.9	34.9	27.0	36.1	77.3	103	10.0-160	28.9	
Benzene	mg/kg	7.26	6.98	6.98	10.9	10.8	52.7	51.0	10.0-149	1.11	
Bromobenzene	mg/kg	ND	6.98	6.98	5.20	5.76	74.4	82.5	10.0-156	10.3	
Bromodichloromethane	mg/kg	ND	6.98	6.98	5.37	5.75	76.9	82.3	10.0-143	6.76	
Bromoform	mg/kg	ND	6.98	6.98	5.79	6.71	82.9	96.2	10.0-146	14.8	
Bromomethane	mg/kg	ND	6.98	6.98	4.46	4.22	63.8	60.4	10.0-149	5.57	
n-Butylbenzene	mg/kg	6.67	6.98	6.98	10.1	11.2	48.8	64.6	10.0-160	10.4	
sec-Butylbenzene	mg/kg	2.51	6.98	6.98	7.28	7.34	68.3	69.2	10.0-159	0.918	
tert-Butylbenzene	mg/kg	ND	6.98	6.98	5.37	5.34	76.9	76.5	10.0-156	0.501	
Carbon tetrachloride	mg/kg	ND	6.98	6.98	5.76	4.91	82.5	70.4	10.0-145	15.8	
Chlorobenzene	mg/kg	0.148	6.98	6.98	5.16	5.32	71.7	74.0	10.0-152	3.08	
Dibromochloromethane	mg/kg	ND	6.98	6.98	5.37	6.27	76.9	89.8	10.0-146	15.5	
Chloroethane	mg/kg	ND	6.98	6.98	4.63	4.11	66.3	58.8	10.0-146	12.0	
Chloroform	mg/kg	ND	6.98	6.98	5.67	5.56	81.2	79.6	10.0-146	1.91	
Chloromethane	mg/kg	ND	6.98	6.98	4.31	3.91	61.7	56.0	10.0-159	9.80	
2-Chlorotoluene	mg/kg	ND	6.98	6.98	4.98	5.13	71.3	73.5	10.0-159	2.92	
4-Chlorotoluene	mg/kg	ND	6.98	6.98	5.10	5.41	73.1	77.5	10.0-155	5.87	
1,2-Dibromo-3-chloropropane	mg/kg	ND	6.98	6.98	5.25	7.02	75.2	101	10.0-151	28.9	
1,2-Dibromoethane (EDB)	mg/kg	ND	6.98	6.98	4.94	6.12	70.8	87.7	10.0-148	21.4	
Dibromomethane	mg/kg	ND	6.98	6.98	4.66	5.87	66.7	84.0	10.0-147	23.0	
1,2-Dichlorobenzene	mg/kg	ND	6.98	6.98	5.03	5.64	72.1	80.8	10.0-155	11.3	
1,3-Dichlorobenzene	mg/kg	ND	6.98	6.98	5.08	5.33	72.7	76.3	10.0-153	4.90	
1,4-Dichlorobenzene	mg/kg	ND	6.98	6.98	4.85	5.37	69.4	76.9	10.0-151	10.2	
Dichlorodifluoromethane	mg/kg	ND	6.98	6.98	5.06	4.20	72.5	60.2	10.0-160	18.6	
1,1-Dichloroethane	mg/kg	ND	6.98	6.98	5.26	5.16	75.4	73.8	10.0-147	2.06	
1,2-Dichloroethane	mg/kg	ND	6.98	6.98	4.98	5.80	71.3	83.1	10.0-148	15.2	
1,1-Dichloroethene	mg/kg	ND	6.98	6.98	5.45	4.86	78.1	69.6	10.0-155	11.5	
cis-1,2-Dichloroethene	mg/kg	ND	6.98	6.98	4.99	5.05	71.5	72.3	10.0-149	1.07	
Diisopropyl ether	mg/kg	0.513	6.98	6.98	5.54	6.28	72.1	82.7	10.0-147	12.5	
trans-1,2-Dichloroethene	mg/kg	ND	6.98	6.98	4.75	4.44	68.1	63.7	10.0-150	6.72	
1,2-Dichloropropane	mg/kg	ND	6.98	6.98	5.42	5.75	77.7	82.3	10.0-148	5.77	
1,1-Dichloropropene	mg/kg	ND	6.98	6.98	5.17	4.38	74.0	62.7	10.0-153	16.6	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448 Incident
Pace Project No.: 92518156

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3616930-4 R3616930-5

Parameter	Units	92518156001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,3-Dichloropropane	mg/kg	ND	6.98	6.98	5.01	5.89	71.7	84.4	10.0-154	16.3	
cis-1,3-Dichloropropene	mg/kg	ND	6.98	6.98	5.24	5.97	75.0	85.6	10.0-151	13.2	
trans-1,3-Dichloropropene	mg/kg	ND	6.98	6.98	5.32	6.11	76.2	87.5	10.0-148	13.9	
2,2-Dichloropropane	mg/kg	ND	6.98	6.98	5.26	4.52	75.4	64.8	10.0-138	15.1	
Ethylbenzene	mg/kg	57.7	6.98	6.98	50.2	47.4	0.00	0.00	10.0-160	5.78	P6
Hexachloro-1,3-butadiene	mg/kg	ND	6.98	6.98	5.46	6.03	78.3	86.3	10.0-160	9.81	
Isopropylbenzene (Cumene)	mg/kg	6.65	6.98	6.98	10.6	10.0	56.5	48.5	10.0-155	5.47	
p-Isopropyltoluene	mg/kg	1.44	6.98	6.98	7.09	6.87	81.0	77.9	10.0-160	3.08	
2-Butanone (MEK)	mg/kg	ND	34.9	34.9	32.5	38.5	93.1	110	10.0-160	17.0	
Methylene Chloride	mg/kg	ND	6.98	6.98	5.09	4.70	72.9	67.3	10.0-141	7.96	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	34.9	34.9	27.3	35.6	78.1	102	10.0-160	26.5	
Methyl-tert-butyl ether	mg/kg	ND	6.98	6.98	5.29	6.43	75.8	92.1	11.0-147	19.5	
Naphthalene	mg/kg	18.5	6.98	6.98	23.0	24.4	63.5	84.6	10.0-160	6.23	
n-Propylbenzene	mg/kg	25.4	6.98	6.98	25.2	25.0	0.00	0.00	10.0-158	1.07	ML
Styrene	mg/kg	ND	6.98	6.98	5.40	5.64	77.3	80.8	10.0-160	4.38	
1,1,1,2-Tetrachloroethane	mg/kg	ND	6.98	6.98	5.30	5.60	76.0	80.2	10.0-149	5.42	
1,1,2,2-Tetrachloroethane	mg/kg	ND	6.98	6.98	4.27	6.00	61.2	86.0	10.0-160	33.7	
Tetrachloroethene	mg/kg	ND	6.98	6.98	5.44	4.66	77.9	66.7	10.0-156	15.4	
1,1,2-Trichlorotrifluoroethane	mg/kg	ND	6.98	6.98	5.95	4.89	85.2	70.0	10.0-160	19.6	
1,2,3-Trichlorobenzene	mg/kg	ND	6.98	6.98	5.26	6.14	75.4	87.9	10.0-160	15.3	
1,2,4-Trichlorobenzene	mg/kg	ND	6.98	6.98	5.28	6.20	75.6	88.8	10.0-160	16.1	
1,1,1-Trichloroethane	mg/kg	ND	6.98	6.98	5.21	4.65	74.6	66.5	10.0-144	11.4	
1,1,2-Trichloroethane	mg/kg	ND	6.98	6.98	7.34	8.27	105	118	10.0-160	11.9	
Trichloroethene	mg/kg	ND	6.98	6.98	5.48	5.33	78.5	76.3	10.0-156	2.73	
Trichlorofluoromethane	mg/kg	ND	6.98	6.98	5.88	4.79	84.2	68.7	10.0-160	20.4	
1,2,3-Trichloropropane	mg/kg	ND	6.98	6.98	4.83	6.28	69.2	90.0	10.0-156	26.1	
1,2,3-Trimethylbenzene	mg/kg	36.3	6.98	6.98	35.6	35.3	0.00	0.00	10.0-160	0.758	P6
1,2,4-Trimethylbenzene	mg/kg	133	6.98	6.98	115	113	0.00	0.00	10.0-160	1.41	P6
1,3,5-Trimethylbenzene	mg/kg	43.0	6.98	6.98	39.6	38.8	0.00	0.00	10.0-160	2.05	P6
Vinyl chloride	mg/kg	ND	6.98	6.98	4.86	4.16	69.6	59.6	10.0-160	15.5	
Xylene (Total)	mg/kg	310	20.9	20.9	252	244	0.00	0.00	10.0-160	3.24	P6
Toluene-d8 (S)	%						101	98.3	75.0-131		
4-Bromofluorobenzene (S)	%						104	101	67.0-138		
1,2-Dichloroethane-d4 (S)	%						99.6	98.8	70.0-130		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448 Incident
Pace Project No.: 92518156

QC Batch: 1612790
QC Batch Method: 5035A
Analysis Method: EPA 8260D
Analysis Description: VOA (GC/MS) 8260D
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92518156001, 92518156002

METHOD BLANK: R3617388-3 Matrix: Solid
Associated Lab Samples: 92518156001, 92518156002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Toluene	mg/kg	ND	0.00500	01/28/21 19:45	
Toluene-d8 (S)	%	98	75.0-131	01/28/21 19:45	
4-Bromofluorobenzene (S)	%	98.8	67.0-138	01/28/21 19:45	
1,2-Dichloroethane-d4 (S)	%	89.3	70.0-130	01/28/21 19:45	

LABORATORY CONTROL SAMPLE & LCSD: R3617388-1 R3617388-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Toluene	mg/kg	0.125	0.112	0.106	89.6	84.8	75.0-121	5.50	20	
Toluene-d8 (S)	%				98.3	99.4	75.0-131			
4-Bromofluorobenzene (S)	%				99.9	102	67.0-138			
1,2-Dichloroethane-d4 (S)	%				98.3	97.6	70.0-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-LI-2448 Incident
Pace Project No.: 92518156

QC Batch: 1612860
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: 92518156001, 92518156002

METHOD BLANK: R3617673-1 Matrix: Solid
Associated Lab Samples: 92518156001, 92518156002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Solids	%	0.00100		01/29/21 08:51	

LABORATORY CONTROL SAMPLE: R3617673-2

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

SAMPLE DUPLICATE: R3617673-3

Parameter	Units	L1309914-02 Result	Dup Result	RPD	Qualifiers
Total Solids	%	76.5	70.2	8.65	

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 2020-LI-2448 Incident
Pace Project No.: 92518156

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

ML	Matrix spike recovery and/or matrix spike duplicate recovery was below laboratory control limits. Result may be biased low.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
R1	RPD value was outside control limits.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-LI-2448 Incident
Pace Project No.: 92518156

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92518156001	**RW-51(45-47)**	MADEPV	1613672	MADEP VPH	1613672
92518156002	**RW-52(30-32)**	MADEPV	1613672	MADEP VPH	1613672
92518156001	**RW-51(45-47)**	5035A	1612275	EPA 8260D	1612275
92518156001	**RW-51(45-47)**	5035A	1612790	EPA 8260D	1612790
92518156002	**RW-52(30-32)**	5035A	1612275	EPA 8260D	1612275
92518156002	**RW-52(30-32)**	5035A	1612790	EPA 8260D	1612790
92518156001	**RW-51(45-47)**	SM 2540 G	1612860	SM 2540G	1612860
92518156002	**RW-52(30-32)**	SM 2540 G	1612860	SM 2540G	1612860

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

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

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

WO# : 92518156

92518156

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: Andrew.Street@ApexCos.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: 2020-4-2448 Incident	State: NC County/City: Huntersville Time Zone Collected: [ ]PT [ ]MT [ ]CT [ ]ET
Phone: Email:	Site/Facility ID #:
Collected By (print): Naomi Fretz	Purchase Order #: Quote #:
Collected By (signature): Naomi Fretz	Turnaround Date Required:
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #:

DW Location Code:

Immediately Packed on Ice: [X] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydr... zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ... um sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* 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	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: MC 8260B	Analyses: MADEP VPH	Lab Profile/Line: Lab Sample # / Comments
RW-51 (45-47')	SL	G	1-18-21	1420				3	X	X	001
RW-52 (30-32')	SL	G	1-18-21	1605				3	X	X	002

Lab Profile/Line: Lab Sample Receipt Checklist:

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

LAB USE ONLY:

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)

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

Lab Tracking #: 2529470

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y (N) NA

Therm ID#: 92T064

Cooler 1 Temp Upon Receipt: 5.8 oC

Cooler 1 Therm Corr. Factor: -.1 oC

Cooler 1 Corrected Temp: 5.7 oC

Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Fretz / Apex	1-19-21/1230	Kyle Prock / Apex	1/19/21 1230
Kyle Prock / APEX	1/22/21 1656		1-22-21 1656
	1-22-21 1740	MDC Pace HW	1-22-21 17:10

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip 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#: 92518156**

PM: AMB Due Date: 01/29/21

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)	SPST-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																						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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

February 16, 2021

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

RE: Project: 2020-LI-2448
Pace Project No.: 92520906

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on February 08, 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 M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

CERTIFICATIONS

Project: 2020-LI-2448
Pace Project No.: 92520906

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

Pace Analytical Services, LLC
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SAMPLE ANALYTE COUNT

Project: 2020-LI-2448
Pace Project No.: 92520906

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92520906001	**HCW-24**	MADEP VPH	TPR	6	PAN
		EPA 8260D	DWR, JAH	68	PAN
		SM 2540G	KDW	1	PAN

PAN = Pace National - Mt. Juliet

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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ANALYTICAL RESULTS

Project: 2020-LI-2448
Pace Project No.: 92520906

Sample: HCW-24 **Lab ID: 92520906001** Collected: 02/06/21 14:15 Received: 02/08/21 17:30 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEPV	Analytical Method: MADEP VPH Preparation Method: MADEPV Pace National - Mt. Juliet							
Aliphatic (C05-C08)	**7.11**	mg/kg	5.64	1	02/06/21 14:15	02/11/21 13:24		
Aliphatic (C09-C12)	ND	mg/kg	5.64	1	02/06/21 14:15	02/11/21 13:24		
Aromatic (C09-C10),Unadjusted	ND	mg/kg	5.64	1	02/06/21 14:15	02/11/21 13:24	TPHC9C10A	
Total VPH	**7.11**	mg/kg	5.64	1	02/06/21 14:15	02/11/21 13:24	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	92.8	%	70.0-130	1	02/06/21 14:15	02/11/21 13:24	615-59-8FID	
2,5-Dibromotoluene (PID)	85.1	%	70.0-130	1	02/06/21 14:15	02/11/21 13:24	615-59-8PID	
VOA (GC/MS) 8260D	Analytical Method: EPA 8260D Preparation Method: 5035A Pace National - Mt. Juliet							
Acetone	ND	mg/kg	0.0566	1	02/06/21 14:15	02/10/21 18:13	67-64-1	
Acrylonitrile	ND	mg/kg	0.0141	1	02/06/21 14:15	02/10/21 18:13	107-13-1	
Benzene	ND	mg/kg	0.00113	1	02/06/21 14:15	02/10/21 18:13	71-43-2	
Bromobenzene	ND	mg/kg	0.0141	1	02/06/21 14:15	02/10/21 18:13	108-86-1	
Bromodichloromethane	ND	mg/kg	0.00283	1	02/06/21 14:15	02/10/21 18:13	75-27-4	
Bromoform	ND	mg/kg	0.0283	1	02/06/21 14:15	02/10/21 18:13	75-25-2	
Bromomethane	ND	mg/kg	0.0141	1	02/06/21 14:15	02/10/21 18:13	74-83-9	
n-Butylbenzene	ND	mg/kg	0.0141	1	02/06/21 14:15	02/10/21 18:13	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0141	1	02/06/21 14:15	02/10/21 18:13	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.00566	1	02/06/21 14:15	02/10/21 18:13	98-06-6	
Carbon tetrachloride	ND	mg/kg	0.00566	1	02/06/21 14:15	02/10/21 18:13	56-23-5	
Chlorobenzene	ND	mg/kg	0.00283	1	02/06/21 14:15	02/10/21 18:13	108-90-7	
Dibromochloromethane	ND	mg/kg	0.00283	1	02/06/21 14:15	02/10/21 18:13	124-48-1	
Chloroethane	ND	mg/kg	0.00566	1	02/06/21 14:15	02/10/21 18:13	75-00-3	
Chloroform	ND	mg/kg	0.00283	1	02/06/21 14:15	02/10/21 18:13	67-66-3	
Chloromethane	ND	mg/kg	0.0141	1	02/06/21 14:15	02/10/21 18:13	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.00283	1	02/06/21 14:15	02/10/21 18:13	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.00566	1	02/06/21 14:15	02/10/21 18:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0283	1	02/06/21 14:15	02/10/21 18:13	96-12-8	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.00283	1	02/06/21 14:15	02/10/21 18:13	106-93-4	
Dibromomethane	ND	mg/kg	0.00566	1	02/06/21 14:15	02/10/21 18:13	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.00566	1	02/06/21 14:15	02/10/21 18:13	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.00566	1	02/06/21 14:15	02/10/21 18:13	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.00566	1	02/06/21 14:15	02/10/21 18:13	106-46-7	
Dichlorodifluoromethane	ND	mg/kg	0.00283	1	02/06/21 14:15	02/10/21 18:13	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.00283	1	02/06/21 14:15	02/10/21 18:13	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.00283	1	02/06/21 14:15	02/10/21 18:13	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.00283	1	02/06/21 14:15	02/10/21 18:13	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.00283	1	02/06/21 14:15	02/10/21 18:13	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.00566	1	02/06/21 14:15	02/10/21 18:13	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.00566	1	02/06/21 14:15	02/10/21 18:13	78-87-5	
1,1-Dichloropropene	ND	mg/kg	0.00283	1	02/06/21 14:15	02/10/21 18:13	563-58-6	
1,3-Dichloropropane	ND	mg/kg	0.00566	1	02/06/21 14:15	02/10/21 18:13	142-28-9	
cis-1,3-Dichloropropene	ND	mg/kg	0.00283	1	02/06/21 14:15	02/10/21 18:13	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.00566	1	02/06/21 14:15	02/10/21 18:13	10061-02-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-LI-2448
Pace Project No.: 92520906

Sample: HCW-24 **Lab ID: 92520906001** Collected: 02/06/21 14:15 Received: 02/08/21 17:30 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D	Analytical Method: EPA 8260D Preparation Method: 5035A Pace National - Mt. Juliet							
2,2-Dichloropropane	ND	mg/kg	0.00283	1	02/06/21 14:15	02/10/21 18:13	594-20-7	
Diisopropyl ether	ND	mg/kg	0.00113	1	02/06/21 14:15	02/10/21 18:13	108-20-3	
Ethylbenzene	ND	mg/kg	0.00283	1	02/06/21 14:15	02/10/21 18:13	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0283	1	02/06/21 14:15	02/10/21 18:13	87-68-3	
Isopropylbenzene (Cumene)	ND	mg/kg	0.00283	1	02/06/21 14:15	02/10/21 18:13	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.00566	1	02/06/21 14:15	02/10/21 18:13	99-87-6	
2-Butanone (MEK)	ND	mg/kg	0.113	1	02/06/21 14:15	02/10/21 18:13	78-93-3	
Methylene Chloride	ND	mg/kg	0.0283	1	02/06/21 14:15	02/10/21 18:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.0283	1	02/06/21 14:15	02/10/21 18:13	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.00113	1	02/06/21 14:15	02/10/21 18:13	1634-04-4	
Naphthalene	ND	mg/kg	0.0141	1	02/06/21 14:15	02/10/21 18:13	91-20-3	C3
n-Propylbenzene	ND	mg/kg	0.00566	1	02/06/21 14:15	02/10/21 18:13	103-65-1	
Styrene	ND	mg/kg	0.0141	1	02/06/21 14:15	02/10/21 18:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00283	1	02/06/21 14:15	02/10/21 18:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.00283	1	02/06/21 14:15	02/10/21 18:13	79-34-5	
1,1,2-Trichlorotrifluoroethane	ND	mg/kg	0.00283	1	02/06/21 14:15	02/10/21 18:13	76-13-1	
Tetrachloroethene	ND	mg/kg	0.00283	1	02/06/21 14:15	02/10/21 18:13	127-18-4	
Toluene	ND	mg/kg	0.00566	1	02/06/21 14:15	02/10/21 18:13	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0141	1	02/06/21 14:15	02/10/21 18:13	87-61-6	C3
1,2,4-Trichlorobenzene	ND	mg/kg	0.0141	1	02/06/21 14:15	02/10/21 18:13	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.00283	1	02/06/21 14:15	02/10/21 18:13	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.00283	1	02/06/21 14:15	02/10/21 18:13	79-00-5	
Trichloroethene	ND	mg/kg	0.00113	1	02/06/21 14:15	02/10/21 18:13	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.00283	1	02/06/21 14:15	02/10/21 18:13	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0141	1	02/06/21 14:15	02/10/21 18:13	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.00566	1	02/06/21 14:15	02/12/21 19:43	95-63-6	
1,2,3-Trimethylbenzene	ND	mg/kg	0.00566	1	02/06/21 14:15	02/10/21 18:13	526-73-8	
1,3,5-Trimethylbenzene	ND	mg/kg	0.00566	1	02/06/21 14:15	02/10/21 18:13	108-67-8	
Vinyl chloride	ND	mg/kg	0.00283	1	02/06/21 14:15	02/10/21 18:13	75-01-4	
Xylene (Total)	ND	mg/kg	0.00736	1	02/06/21 14:15	02/12/21 19:43	1330-20-7	
Surrogates								
Toluene-d8 (S)	103	%	75.0-131	1	02/06/21 14:15	02/10/21 18:13	2037-26-5	
Toluene-d8 (S)	94.4	%	75.0-131	1	02/06/21 14:15	02/12/21 19:43	2037-26-5	
4-Bromofluorobenzene (S)	93.1	%	67.0-138	1	02/06/21 14:15	02/10/21 18:13	460-00-4	
4-Bromofluorobenzene (S)	101	%	67.0-138	1	02/06/21 14:15	02/12/21 19:43	460-00-4	
1,2-Dichloroethane-d4 (S)	98.9	%	70.0-130	1	02/06/21 14:15	02/10/21 18:13	17060-07-0	
1,2-Dichloroethane-d4 (S)	97.4	%	70.0-130	1	02/06/21 14:15	02/12/21 19:43	17060-07-0	
Total Solids 2540 G-2011	Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet							
Total Solids	**95.5**	%		1	02/11/21 10:05	02/11/21 10:14		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92520906

QC Batch: 1619819
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92520906001

METHOD BLANK: R3621895-3 Matrix: Solid
Associated Lab Samples: 92520906001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	5.00	02/11/21 12:43	
Aliphatic (C09-C12)	mg/kg	ND	5.00	02/11/21 12:43	
Aromatic (C09-C10),Unadjusted	mg/kg	ND	5.00	02/11/21 12:43	
Total VPH	mg/kg	ND	5.00	02/11/21 12:43	
2,5-Dibromotoluene (FID)	%	84	70.0-130	02/11/21 12:43	
2,5-Dibromotoluene (PID)	%	77.4	70.0-130	02/11/21 12:43	

LABORATORY CONTROL SAMPLE & LCSD: R3621895-1 R3621895-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	60.0	68.5	65.8	114	110	70.0-130	4.02	25	
Aliphatic (C09-C12)	mg/kg	70.0	85.6	83.7	122	120	70.0-130	2.24	25	
Aromatic (C09-C10),Unadjusted	mg/kg	10.0	11.1	10.8	111	108	70.0-130	2.74	25	
Total VPH	mg/kg	140	165	160	118	114	70.0-130	3.08	25	
2,5-Dibromotoluene (FID)	%				94.8	101	70.0-130			
2,5-Dibromotoluene (PID)	%				88.6	94.1	70.0-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3621895-4 R3621895-5

Parameter	Units	L1315694-01 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Aliphatic (C05-C08)	mg/kg	ND	153	153	159	134	104	87.5	70.0-130	16.9	
Aliphatic (C09-C12)	mg/kg	ND	179	179	196	156	109	87.4	70.0-130	22.4	
Aromatic (C09-C10),Unadjusted	mg/kg	ND	25.5	25.5	25.0	19.3	98.3	75.7	70.0-130	26.0	R1
Total VPH	mg/kg	ND	356	356	380	310	107	87.0	70.0-130	20.4	
2,5-Dibromotoluene (FID)	%						93.2	95.5	70.0-130		
2,5-Dibromotoluene (PID)	%						87.2	89.0	70.0-130		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92520906

QC Batch: 1619598
QC Batch Method: 5035A
Analysis Method: EPA 8260D
Analysis Description: VOA (GC/MS) 8260D
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92520906001

METHOD BLANK: R3621694-2 Matrix: Solid
Associated Lab Samples: 92520906001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acetone	mg/kg	ND	0.0500	02/10/21 14:56	
Acrylonitrile	mg/kg	ND	0.0125	02/10/21 14:56	
Benzene	mg/kg	ND	0.00100	02/10/21 14:56	
Bromobenzene	mg/kg	ND	0.0125	02/10/21 14:56	
Bromodichloromethane	mg/kg	ND	0.00250	02/10/21 14:56	
Bromoform	mg/kg	ND	0.0250	02/10/21 14:56	
Bromomethane	mg/kg	ND	0.0125	02/10/21 14:56	
n-Butylbenzene	mg/kg	ND	0.0125	02/10/21 14:56	
sec-Butylbenzene	mg/kg	ND	0.0125	02/10/21 14:56	
tert-Butylbenzene	mg/kg	ND	0.00500	02/10/21 14:56	
Carbon tetrachloride	mg/kg	ND	0.00500	02/10/21 14:56	
Chlorobenzene	mg/kg	ND	0.00250	02/10/21 14:56	
Dibromochloromethane	mg/kg	ND	0.00250	02/10/21 14:56	
Chloroethane	mg/kg	ND	0.00500	02/10/21 14:56	
Chloroform	mg/kg	ND	0.00250	02/10/21 14:56	
Chloromethane	mg/kg	ND	0.0125	02/10/21 14:56	
2-Chlorotoluene	mg/kg	ND	0.00250	02/10/21 14:56	
4-Chlorotoluene	mg/kg	ND	0.00500	02/10/21 14:56	
1,2-Dibromo-3-chloropropane	mg/kg	ND	0.0250	02/10/21 14:56	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.00250	02/10/21 14:56	
Dibromomethane	mg/kg	ND	0.00500	02/10/21 14:56	
1,2-Dichlorobenzene	mg/kg	ND	0.00500	02/10/21 14:56	
1,3-Dichlorobenzene	mg/kg	ND	0.00500	02/10/21 14:56	
1,4-Dichlorobenzene	mg/kg	ND	0.00500	02/10/21 14:56	
Dichlorodifluoromethane	mg/kg	ND	0.00250	02/10/21 14:56	
1,1-Dichloroethane	mg/kg	ND	0.00250	02/10/21 14:56	
1,2-Dichloroethane	mg/kg	ND	0.00250	02/10/21 14:56	
1,1-Dichloroethene	mg/kg	ND	0.00250	02/10/21 14:56	
cis-1,2-Dichloroethene	mg/kg	ND	0.00250	02/10/21 14:56	
trans-1,2-Dichloroethene	mg/kg	ND	0.00500	02/10/21 14:56	
1,2-Dichloropropane	mg/kg	ND	0.00500	02/10/21 14:56	
1,1-Dichloropropene	mg/kg	ND	0.00250	02/10/21 14:56	
1,3-Dichloropropane	mg/kg	ND	0.00500	02/10/21 14:56	
cis-1,3-Dichloropropene	mg/kg	ND	0.00250	02/10/21 14:56	
trans-1,3-Dichloropropene	mg/kg	ND	0.00500	02/10/21 14:56	
2,2-Dichloropropane	mg/kg	ND	0.00250	02/10/21 14:56	
Diisopropyl ether	mg/kg	ND	0.00100	02/10/21 14:56	
Ethylbenzene	mg/kg	ND	0.00250	02/10/21 14:56	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0250	02/10/21 14:56	
Isopropylbenzene (Cumene)	mg/kg	ND	0.00250	02/10/21 14:56	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92520906

METHOD BLANK: R3621694-2 Matrix: Solid
Associated Lab Samples: 92520906001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
p-Isopropyltoluene	mg/kg	ND	0.00500	02/10/21 14:56	
2-Butanone (MEK)	mg/kg	ND	0.100	02/10/21 14:56	
Methylene Chloride	mg/kg	ND	0.0250	02/10/21 14:56	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.0250	02/10/21 14:56	
Methyl-tert-butyl ether	mg/kg	ND	0.00100	02/10/21 14:56	
Naphthalene	mg/kg	ND	0.0125	02/10/21 14:56	
n-Propylbenzene	mg/kg	ND	0.00500	02/10/21 14:56	
Styrene	mg/kg	ND	0.0125	02/10/21 14:56	
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.00250	02/10/21 14:56	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.00250	02/10/21 14:56	
Tetrachloroethene	mg/kg	ND	0.00250	02/10/21 14:56	
Toluene	mg/kg	ND	0.00500	02/10/21 14:56	
1,1,2-Trichlorotrifluoroethane	mg/kg	ND	0.00250	02/10/21 14:56	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0125	02/10/21 14:56	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0125	02/10/21 14:56	
1,1,1-Trichloroethane	mg/kg	ND	0.00250	02/10/21 14:56	
1,1,2-Trichloroethane	mg/kg	ND	0.00250	02/10/21 14:56	
Trichloroethene	mg/kg	ND	0.00100	02/10/21 14:56	
Trichlorofluoromethane	mg/kg	ND	0.00250	02/10/21 14:56	
1,2,3-Trichloropropane	mg/kg	ND	0.0125	02/10/21 14:56	
1,2,3-Trimethylbenzene	mg/kg	ND	0.00500	02/10/21 14:56	
1,3,5-Trimethylbenzene	mg/kg	ND	0.00500	02/10/21 14:56	
Vinyl chloride	mg/kg	ND	0.00250	02/10/21 14:56	
Toluene-d8 (S)	%	105	75.0-131	02/10/21 14:56	
4-Bromofluorobenzene (S)	%	91.1	67.0-138	02/10/21 14:56	
1,2-Dichloroethane-d4 (S)	%	93.3	70.0-130	02/10/21 14:56	

LABORATORY CONTROL SAMPLE: R3621694-1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Acetone	mg/kg	0.625	0.961	154	10.0-160	
Acrylonitrile	mg/kg	0.625	0.721	115	45.0-153	
Benzene	mg/kg	0.125	0.111	88.8	70.0-123	
Bromobenzene	mg/kg	0.125	0.115	92.0	73.0-121	
Bromodichloromethane	mg/kg	0.125	0.110	88.0	73.0-121	
Bromoform	mg/kg	0.125	0.126	101	64.0-132	
Bromomethane	mg/kg	0.125	0.133	106	56.0-147	
n-Butylbenzene	mg/kg	0.125	0.113	90.4	68.0-135	
sec-Butylbenzene	mg/kg	0.125	0.115	92.0	74.0-130	
tert-Butylbenzene	mg/kg	0.125	0.109	87.2	75.0-127	
Carbon tetrachloride	mg/kg	0.125	0.121	96.8	66.0-128	
Chlorobenzene	mg/kg	0.125	0.112	89.6	76.0-128	
Dibromochloromethane	mg/kg	0.125	0.121	96.8	74.0-127	
Chloroethane	mg/kg	0.125	0.125	100	61.0-134	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92520906

LABORATORY CONTROL SAMPLE: R3621694-1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloroform	mg/kg	0.125	0.117	93.6	72.0-123	
Chloromethane	mg/kg	0.125	0.133	106	51.0-138	
2-Chlorotoluene	mg/kg	0.125	0.114	91.2	75.0-124	
4-Chlorotoluene	mg/kg	0.125	0.118	94.4	75.0-124	
1,2-Dibromo-3-chloropropane	mg/kg	0.125	0.107	85.6	59.0-130	
1,2-Dibromoethane (EDB)	mg/kg	0.125	0.123	98.4	74.0-128	
Dibromomethane	mg/kg	0.125	0.116	92.8	75.0-122	
1,2-Dichlorobenzene	mg/kg	0.125	0.115	92.0	76.0-124	
1,3-Dichlorobenzene	mg/kg	0.125	0.116	92.8	76.0-125	
1,4-Dichlorobenzene	mg/kg	0.125	0.114	91.2	77.0-121	
Dichlorodifluoromethane	mg/kg	0.125	0.100	80.0	43.0-156	
1,1-Dichloroethane	mg/kg	0.125	0.116	92.8	70.0-127	
1,2-Dichloroethane	mg/kg	0.125	0.117	93.6	65.0-131	
1,1-Dichloroethene	mg/kg	0.125	0.122	97.6	65.0-131	
cis-1,2-Dichloroethene	mg/kg	0.125	0.114	91.2	73.0-125	
trans-1,2-Dichloroethene	mg/kg	0.125	0.110	88.0	71.0-125	
1,2-Dichloropropane	mg/kg	0.125	0.113	90.4	74.0-125	
1,1-Dichloropropene	mg/kg	0.125	0.115	92.0	73.0-125	
1,3-Dichloropropane	mg/kg	0.125	0.116	92.8	80.0-125	
cis-1,3-Dichloropropene	mg/kg	0.125	0.111	88.8	76.0-127	
trans-1,3-Dichloropropene	mg/kg	0.125	0.117	93.6	73.0-127	
2,2-Dichloropropane	mg/kg	0.125	0.125	100	59.0-135	
Diisopropyl ether	mg/kg	0.125	0.118	94.4	60.0-136	
Ethylbenzene	mg/kg	0.125	0.114	91.2	74.0-126	
Hexachloro-1,3-butadiene	mg/kg	0.125	0.0994	79.5	57.0-150	
Isopropylbenzene (Cumene)	mg/kg	0.125	0.119	95.2	72.0-127	
p-Isopropyltoluene	mg/kg	0.125	0.109	87.2	72.0-133	
2-Butanone (MEK)	mg/kg	0.625	0.649	104	30.0-160	
Methylene Chloride	mg/kg	0.125	0.121	96.8	68.0-123	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.625	0.723	116	56.0-143	
Methyl-tert-butyl ether	mg/kg	0.125	0.129	103	66.0-132	
Naphthalene	mg/kg	0.125	0.0879	70.3	59.0-130	
n-Propylbenzene	mg/kg	0.125	0.118	94.4	74.0-126	
Styrene	mg/kg	0.125	0.112	89.6	72.0-127	
1,1,1,2-Tetrachloroethane	mg/kg	0.125	0.118	94.4	74.0-129	
1,1,2,2-Tetrachloroethane	mg/kg	0.125	0.119	95.2	68.0-128	
Tetrachloroethene	mg/kg	0.125	0.120	96.0	70.0-136	
Toluene	mg/kg	0.125	0.115	92.0	75.0-121	
1,1,2-Trichlorotrifluoroethane	mg/kg	0.125	0.110	88.0	61.0-139	
1,2,3-Trichlorobenzene	mg/kg	0.125	0.0908	72.6	59.0-139	
1,2,4-Trichlorobenzene	mg/kg	0.125	0.0960	76.8	62.0-137	
1,1,1-Trichloroethane	mg/kg	0.125	0.117	93.6	69.0-126	
1,1,2-Trichloroethane	mg/kg	0.125	0.116	92.8	78.0-123	
Trichloroethene	mg/kg	0.125	0.121	96.8	76.0-126	
Trichlorofluoromethane	mg/kg	0.125	0.136	109	61.0-142	
1,2,3-Trichloropropane	mg/kg	0.125	0.120	96.0	67.0-129	
1,2,3-Trimethylbenzene	mg/kg	0.125	0.113	90.4	74.0-124	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92520906

LABORATORY CONTROL SAMPLE: R3621694-1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3,5-Trimethylbenzene	mg/kg	0.125	0.117	93.6	73.0-127	
Vinyl chloride	mg/kg	0.125	0.143	114	63.0-134	
Toluene-d8 (S)	%			98.4	75.0-131	
4-Bromofluorobenzene (S)	%			93.9	67.0-138	
1,2-Dichloroethane-d4 (S)	%			102	70.0-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3621694-3 R3621694-4

Parameter	Units	L1315725-01 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Acetone	mg/kg	ND	0.625	0.625	0.306	0.318	49.0	50.9	10.0-160	3.85	
Acrylonitrile	mg/kg	ND	0.625	0.625	0.373	0.387	59.7	61.9	10.0-160	3.68	
Benzene	mg/kg	0.000600	0.125	0.125	0.119	0.116	94.7	92.3	10.0-149	2.55	
Bromobenzene	mg/kg	ND	0.125	0.125	0.127	0.128	102	102	10.0-156	0.784	
Bromodichloromethane	mg/kg	ND	0.125	0.125	0.108	0.108	86.4	86.4	10.0-143	0.00	
Bromoform	mg/kg	ND	0.125	0.125	0.108	0.107	86.4	85.6	10.0-146	0.930	
Bromomethane	mg/kg	ND	0.125	0.125	0.0782	0.0739	62.6	59.1	10.0-149	5.65	
n-Butylbenzene	mg/kg	ND	0.125	0.125	0.115	0.113	92.0	90.4	10.0-160	1.75	
sec-Butylbenzene	mg/kg	ND	0.125	0.125	0.123	0.122	98.4	97.6	10.0-159	0.816	
tert-Butylbenzene	mg/kg	ND	0.125	0.125	0.123	0.123	98.4	98.4	10.0-156	0.00	
Carbon tetrachloride	mg/kg	ND	0.125	0.125	0.118	0.114	94.4	91.2	10.0-145	3.45	
Chlorobenzene	mg/kg	ND	0.125	0.125	0.114	0.117	91.2	93.6	10.0-152	2.60	
Dibromochloromethane	mg/kg	ND	0.125	0.125	0.119	0.117	95.2	93.6	10.0-146	1.69	
Chloroethane	mg/kg	ND	0.125	0.125	0.0467	0.0456	37.4	36.5	10.0-146	2.38	
Chloroform	mg/kg	ND	0.125	0.125	0.114	0.114	91.2	91.2	10.0-146	0.00	
Chloromethane	mg/kg	ND	0.125	0.125	0.132	0.119	106	95.2	10.0-159	10.4	
2-Chlorotoluene	mg/kg	ND	0.125	0.125	0.119	0.122	95.2	97.6	10.0-159	2.49	
4-Chlorotoluene	mg/kg	ND	0.125	0.125	0.128	0.126	102	101	10.0-155	1.57	
1,2-Dibromo-3-chloropropane	mg/kg	ND	0.125	0.125	0.0863	0.0929	69.0	74.3	10.0-151	7.37	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.125	0.125	0.120	0.119	96.0	95.2	10.0-148	0.837	
Dibromomethane	mg/kg	ND	0.125	0.125	0.111	0.111	88.8	88.8	10.0-147	0.00	
1,2-Dichlorobenzene	mg/kg	ND	0.125	0.125	0.109	0.111	87.2	88.8	10.0-155	1.82	
1,3-Dichlorobenzene	mg/kg	ND	0.125	0.125	0.117	0.118	93.6	94.4	10.0-153	0.851	
1,4-Dichlorobenzene	mg/kg	ND	0.125	0.125	0.116	0.117	92.8	93.6	10.0-151	0.858	
Dichlorodifluoromethane	mg/kg	ND	0.125	0.125	0.118	0.101	94.4	80.8	10.0-160	15.5	
1,1-Dichloroethane	mg/kg	ND	0.125	0.125	0.113	0.109	90.4	87.2	10.0-147	3.60	
1,2-Dichloroethane	mg/kg	ND	0.125	0.125	0.105	0.107	84.0	85.6	10.0-148	1.89	
1,1-Dichloroethene	mg/kg	ND	0.125	0.125	0.120	0.115	96.0	92.0	10.0-155	4.26	
cis-1,2-Dichloroethene	mg/kg	ND	0.125	0.125	0.106	0.108	84.8	86.4	10.0-149	1.87	
trans-1,2-Dichloroethene	mg/kg	ND	0.125	0.125	0.104	0.103	83.2	82.4	10.0-150	0.966	
1,2-Dichloropropane	mg/kg	ND	0.125	0.125	0.117	0.118	93.6	94.4	10.0-148	0.851	
1,1-Dichloropropene	mg/kg	ND	0.125	0.125	0.119	0.116	95.2	92.8	10.0-153	2.55	
1,3-Dichloropropane	mg/kg	ND	0.125	0.125	0.122	0.122	97.6	97.6	10.0-154	0.00	
cis-1,3-Dichloropropene	mg/kg	ND	0.125	0.125	0.115	0.117	92.0	93.6	10.0-151	1.72	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92520906

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3621694-3 R3621694-4

Parameter	Units	L1315725-01 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
trans-1,3-Dichloropropene	mg/kg	ND	0.125	0.125	0.118	0.123	94.4	98.4	10.0-148	4.15	
2,2-Dichloropropane	mg/kg	ND	0.125	0.125	0.0957	0.0984	76.6	78.7	10.0-138	2.78	
Diisopropyl ether	mg/kg	ND	0.125	0.125	0.110	0.109	88.0	87.2	10.0-147	0.913	
Ethylbenzene	mg/kg	ND	0.125	0.125	0.126	0.120	101	96.0	10.0-160	4.88	
Hexachloro-1,3-butadiene	mg/kg	ND	0.125	0.125	0.114	0.111	91.2	88.8	10.0-160	2.67	
Isopropylbenzene (Cumene)	mg/kg	ND	0.125	0.125	0.115	0.111	92.0	88.8	10.0-155	3.54	
p-Isopropyltoluene	mg/kg	ND	0.125	0.125	0.110	0.112	88.0	89.6	10.0-160	1.80	
2-Butanone (MEK)	mg/kg	ND	0.625	0.625	0.458	0.565	73.3	90.4	10.0-160	20.9	
Methylene Chloride	mg/kg	ND	0.125	0.125	0.108	0.106	86.4	84.8	10.0-141	1.87	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.625	0.625	0.564	0.565	90.2	90.4	10.0-160	0.177	
Methyl-tert-butyl ether	mg/kg	ND	0.125	0.125	0.108	0.0971	86.4	77.7	11.0-147	10.6	
Naphthalene	mg/kg	ND	0.125	0.125	0.0978	0.0982	78.2	78.6	10.0-160	0.408	
n-Propylbenzene	mg/kg	ND	0.125	0.125	0.128	0.130	102	104	10.0-158	1.55	
Styrene	mg/kg	ND	0.125	0.125	0.110	0.108	88.0	86.4	10.0-160	1.83	
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.125	0.125	0.106	0.105	84.8	84.0	10.0-149	0.948	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.125	0.125	0.108	0.103	86.4	82.4	10.0-160	4.74	
Tetrachloroethene	mg/kg	ND	0.125	0.125	0.131	0.129	105	103	10.0-156	1.54	
Toluene	mg/kg	0.00243	0.125	0.125	0.140	0.132	110	104	10.0-156	5.88	
1,1,2-Trichlorotrifluoroethane	mg/kg	ND	0.125	0.125	0.120	0.112	96.0	89.6	10.0-160	6.90	
1,2,3-Trichlorobenzene	mg/kg	ND	0.125	0.125	0.104	0.105	83.2	84.0	10.0-160	0.957	
1,2,4-Trichlorobenzene	mg/kg	ND	0.125	0.125	0.0969	0.103	77.5	82.4	10.0-160	6.10	
1,1,1-Trichloroethane	mg/kg	ND	0.125	0.125	0.113	0.108	90.4	86.4	10.0-144	4.52	
1,1,2-Trichloroethane	mg/kg	ND	0.125	0.125	0.119	0.121	95.2	96.8	10.0-160	1.67	
Trichloroethene	mg/kg	ND	0.125	0.125	0.124	0.132	99.2	106	10.0-156	6.25	
Trichlorofluoromethane	mg/kg	ND	0.125	0.125	0.0618	0.0617	49.4	49.4	10.0-160	0.162	
1,2,3-Trichloropropane	mg/kg	ND	0.125	0.125	0.111	0.117	88.8	93.6	10.0-156	5.26	
1,2,3-Trimethylbenzene	mg/kg	ND	0.125	0.125	0.113	0.113	90.4	90.4	10.0-160	0.00	
1,3,5-Trimethylbenzene	mg/kg	ND	0.125	0.125	0.122	0.123	97.6	98.4	10.0-160	0.816	
Vinyl chloride	mg/kg	ND	0.125	0.125	0.152	0.138	122	110	10.0-160	9.66	
Toluene-d8 (S)	%						103	103	75.0-131		
4-Bromofluorobenzene (S)	%						90.5	88.3	67.0-138		
1,2-Dichloroethane-d4 (S)	%						95.2	94.3	70.0-130		

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92520906

QC Batch: 1620196
QC Batch Method: 5035A
Analysis Method: EPA 8260D
Analysis Description: VOA (GC/MS) 8260D
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92520906001

METHOD BLANK: R3622589-2 Matrix: Solid
Associated Lab Samples: 92520906001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	mg/kg	ND	0.00500	02/12/21 17:31	
Xylene (Total)	mg/kg	ND	0.00650	02/12/21 17:31	
Toluene-d8 (S)	%	96.6	75.0-131	02/12/21 17:31	
4-Bromofluorobenzene (S)	%	99.9	67.0-138	02/12/21 17:31	
1,2-Dichloroethane-d4 (S)	%	92.6	70.0-130	02/12/21 17:31	

LABORATORY CONTROL SAMPLE: R3622589-1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	mg/kg	0.125	0.130	104	70.0-126	
Xylene (Total)	mg/kg	0.375	0.363	96.8	72.0-127	
Toluene-d8 (S)	%			93.4	75.0-131	
4-Bromofluorobenzene (S)	%			101	67.0-138	
1,2-Dichloroethane-d4 (S)	%			101	70.0-130	

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92520906

QC Batch: 1619742
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: 92520906001

METHOD BLANK: R3621969-1 Matrix: Solid
Associated Lab Samples: 92520906001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Solids	%	0.00100		02/11/21 10:14	

LABORATORY CONTROL SAMPLE: R3621969-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Solids	%	50.0	50.1	100	85.0-115	

SAMPLE DUPLICATE: R3621969-3

Parameter	Units	L1315655-05 Result	Dup Result	RPD	Qualifiers
Total Solids	%	83.7	83.9	0.282	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 2020-LI-2448
Pace Project No.: 92520906

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-LI-2448
Pace Project No.: 92520906

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92520906001	**HCW-24**	MADEPV	1619819	MADEP VPH	1619819
92520906001	**HCW-24**	5035A	1619598	EPA 8260D	1619598
92520906001	**HCW-24**	5035A	1620196	EPA 8260D	1620196
92520906001	**HCW-24**	SM 2540 G	1619742	SM 2540G	1619742

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

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

LAB USE ONLY- Affix Workorder/Log MTJL

WO# : 92520906

92520906

ALL SHADED ARE

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: Andrew.Street@ApexCos.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: 2020-LI-2448	State: NC / County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET
Phone: / Email:	Site/Facility ID #:
Collected By (print): Jan Schimmelmann	Purchase Order #: / Quote #:
Collected By (signature):	Turnaround Date Required:
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: / DW Location Code:

Immediately Packed on Ice: [X] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

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: VOC 8260 | MADEP VPH

Lab Profile/Line:

Lab Sample Receipt Checklist:

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

LAB USE ONLY:
Lab Sample # / Comments:
92520906 001

* 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	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOC 8260	MADEP VPH
~~HGW-24~~ HGW-24	SL	G	2-6-21	1415				3	X	X

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: foam

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

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

Lab Tracking #: 2561481

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: 92T064
Cooler 1 Temp Upon Receipt: 4.6 oC
Cooler 1 Therm Corr. Factor: -0.1 oC
Cooler 1 Corrected Temp: 4.5 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	2-8-21 1730	HD PACE HVL	2/8/21 1730
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip 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# : 92520906**

PM: AMB Due Date: 02/15/21

CLIENT: 92-APEX MOOR

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

pH Adjustment Log for Preserved Samples

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

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

February 16, 2021

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

RE: Project: 2020-LI-2448
Pace Project No.: 92521220

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on February 09, 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 M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-LI-2448
Pace Project No.: 92521220

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

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-LI-2448
Pace Project No.: 92521220

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92521220001	**MW-74 (15'-17')**	MADEP VPH	DWR	6	PAN
		EPA 8260D	ACG, DWR	68	PAN
		SM 2540G	KDW	1	PAN
92521220002	**MW-75 (30'-32')**	MADEP VPH	DWR	6	PAN
		EPA 8260D	ACG, DWR	68	PAN
		SM 2540G	KDW	1	PAN

PAN = Pace National - Mt. Juliet

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-LI-2448
Pace Project No.: 92521220

Sample: MW-74 (15'-17') **Lab ID: 92521220001** Collected: 02/08/21 13:25 Received: 02/09/21 13:00 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	mg/kg	7.79	1	02/08/21 13:25	02/13/21 01:16		
Aliphatic (C09-C12)	ND	mg/kg	7.79	1	02/08/21 13:25	02/13/21 01:16		
Aromatic (C09-C10),Unadjusted	ND	mg/kg	7.79	1	02/08/21 13:25	02/13/21 01:16	TPHC9C10A	
Total VPH	ND	mg/kg	7.79	1	02/08/21 13:25	02/13/21 01:16	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	89.0	%	70.0-130	1	02/08/21 13:25	02/13/21 01:16	615-59-8FID	
2,5-Dibromotoluene (PID)	78.4	%	70.0-130	1	02/08/21 13:25	02/13/21 01:16	615-59-8PID	
VOA (GC/MS) 8260D	Analytical Method: EPA 8260D Preparation Method: 5035A Pace National - Mt. Juliet							
Acetone	ND	mg/kg	0.0779	1	02/08/21 13:25	02/13/21 14:56	67-64-1	C3,R1
Acrylonitrile	ND	mg/kg	0.0195	1	02/08/21 13:25	02/13/21 14:56	107-13-1	C3
Benzene	ND	mg/kg	0.00156	1	02/08/21 13:25	02/13/21 14:56	71-43-2	
Bromobenzene	ND	mg/kg	0.0195	1	02/08/21 13:25	02/13/21 14:56	108-86-1	
Bromodichloromethane	ND	mg/kg	0.00389	1	02/08/21 13:25	02/13/21 14:56	75-27-4	
Bromoform	ND	mg/kg	0.0389	1	02/08/21 13:25	02/13/21 14:56	75-25-2	C3
Bromomethane	ND	mg/kg	0.0195	1	02/08/21 13:25	02/13/21 14:56	74-83-9	
n-Butylbenzene	ND	mg/kg	0.0195	1	02/08/21 13:25	02/13/21 14:56	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0195	1	02/08/21 13:25	02/13/21 14:56	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.00779	1	02/08/21 13:25	02/13/21 14:56	98-06-6	
Carbon tetrachloride	ND	mg/kg	0.00779	1	02/08/21 13:25	02/13/21 14:56	56-23-5	
Chlorobenzene	ND	mg/kg	0.00389	1	02/08/21 13:25	02/13/21 14:56	108-90-7	
Dibromochloromethane	ND	mg/kg	0.00389	1	02/08/21 13:25	02/13/21 14:56	124-48-1	
Chloroethane	ND	mg/kg	0.00779	1	02/08/21 13:25	02/13/21 14:56	75-00-3	
Chloroform	ND	mg/kg	0.00389	1	02/08/21 13:25	02/13/21 14:56	67-66-3	
Chloromethane	ND	mg/kg	0.0195	1	02/08/21 13:25	02/13/21 14:56	74-87-3	R1
2-Chlorotoluene	ND	mg/kg	0.00389	1	02/08/21 13:25	02/13/21 14:56	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.00779	1	02/08/21 13:25	02/13/21 14:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0383	1	02/08/21 13:25	02/15/21 14:39	96-12-8	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.00389	1	02/08/21 13:25	02/13/21 14:56	106-93-4	C3
Dibromomethane	ND	mg/kg	0.00779	1	02/08/21 13:25	02/13/21 14:56	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.00779	1	02/08/21 13:25	02/13/21 14:56	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.00779	1	02/08/21 13:25	02/13/21 14:56	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.00779	1	02/08/21 13:25	02/13/21 14:56	106-46-7	
Dichlorodifluoromethane	ND	mg/kg	0.00389	1	02/08/21 13:25	02/13/21 14:56	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.00389	1	02/08/21 13:25	02/13/21 14:56	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.00389	1	02/08/21 13:25	02/13/21 14:56	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.00389	1	02/08/21 13:25	02/13/21 14:56	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.00389	1	02/08/21 13:25	02/13/21 14:56	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.00779	1	02/08/21 13:25	02/13/21 14:56	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.00779	1	02/08/21 13:25	02/13/21 14:56	78-87-5	
1,1-Dichloropropene	ND	mg/kg	0.00389	1	02/08/21 13:25	02/13/21 14:56	563-58-6	
1,3-Dichloropropane	ND	mg/kg	0.00779	1	02/08/21 13:25	02/13/21 14:56	142-28-9	
cis-1,3-Dichloropropene	ND	mg/kg	0.00389	1	02/08/21 13:25	02/13/21 14:56	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.00779	1	02/08/21 13:25	02/13/21 14:56	10061-02-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-LI-2448
Pace Project No.: 92521220

Sample: MW-74 (15'-17') **Lab ID: 92521220001** Collected: 02/08/21 13:25 Received: 02/09/21 13:00 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							
2,2-Dichloropropane	ND	mg/kg	0.00389	1	02/08/21 13:25	02/13/21 14:56	594-20-7	
Diisopropyl ether	ND	mg/kg	0.00156	1	02/08/21 13:25	02/13/21 14:56	108-20-3	
Ethylbenzene	ND	mg/kg	0.00389	1	02/08/21 13:25	02/13/21 14:56	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0389	1	02/08/21 13:25	02/13/21 14:56	87-68-3	
Isopropylbenzene (Cumene)	ND	mg/kg	0.00389	1	02/08/21 13:25	02/13/21 14:56	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.00779	1	02/08/21 13:25	02/13/21 14:56	99-87-6	
2-Butanone (MEK)	ND	mg/kg	0.156	1	02/08/21 13:25	02/13/21 14:56	78-93-3	C3
Methylene Chloride	ND	mg/kg	0.0389	1	02/08/21 13:25	02/13/21 14:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.0389	1	02/08/21 13:25	02/13/21 14:56	108-10-1	C3,L0
Methyl-tert-butyl ether	ND	mg/kg	0.00156	1	02/08/21 13:25	02/13/21 14:56	1634-04-4	C4
Naphthalene	ND	mg/kg	0.0195	1	02/08/21 13:25	02/13/21 14:56	91-20-3	C3
n-Propylbenzene	ND	mg/kg	0.00779	1	02/08/21 13:25	02/13/21 14:56	103-65-1	
Styrene	ND	mg/kg	0.0195	1	02/08/21 13:25	02/13/21 14:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00389	1	02/08/21 13:25	02/13/21 14:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.00389	1	02/08/21 13:25	02/13/21 14:56	79-34-5	C3,L0
1,1,2-Trichlorotrifluoroethane	ND	mg/kg	0.00389	1	02/08/21 13:25	02/13/21 14:56	76-13-1	
Tetrachloroethene	ND	mg/kg	0.00389	1	02/08/21 13:25	02/13/21 14:56	127-18-4	
Toluene	ND	mg/kg	0.00779	1	02/08/21 13:25	02/13/21 14:56	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0195	1	02/08/21 13:25	02/13/21 14:56	87-61-6	C3
1,2,4-Trichlorobenzene	ND	mg/kg	0.0195	1	02/08/21 13:25	02/13/21 14:56	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.00389	1	02/08/21 13:25	02/13/21 14:56	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.00389	1	02/08/21 13:25	02/13/21 14:56	79-00-5	
Trichloroethene	ND	mg/kg	0.00156	1	02/08/21 13:25	02/13/21 14:56	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.00389	1	02/08/21 13:25	02/13/21 14:56	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0195	1	02/08/21 13:25	02/13/21 14:56	96-18-4	C3,L0
1,2,4-Trimethylbenzene	ND	mg/kg	0.00779	1	02/08/21 13:25	02/13/21 14:56	95-63-6	
1,2,3-Trimethylbenzene	ND	mg/kg	0.00779	1	02/08/21 13:25	02/13/21 14:56	526-73-8	
1,3,5-Trimethylbenzene	ND	mg/kg	0.00779	1	02/08/21 13:25	02/13/21 14:56	108-67-8	
Vinyl chloride	ND	mg/kg	0.00389	1	02/08/21 13:25	02/13/21 14:56	75-01-4	
Xylene (Total)	ND	mg/kg	0.0101	1	02/08/21 13:25	02/13/21 14:56	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	75.0-131	1	02/08/21 13:25	02/13/21 14:56	2037-26-5	
Toluene-d8 (S)	120	%	75.0-131	1	02/08/21 13:25	02/15/21 14:39	2037-26-5	
4-Bromofluorobenzene (S)	96.6	%	67.0-138	1	02/08/21 13:25	02/13/21 14:56	460-00-4	
4-Bromofluorobenzene (S)	104	%	67.0-138	1	02/08/21 13:25	02/15/21 14:39	460-00-4	
1,2-Dichloroethane-d4 (S)	78.7	%	70.0-130	1	02/08/21 13:25	02/13/21 14:56	17060-07-0	
1,2-Dichloroethane-d4 (S)	102	%	70.0-130	1	02/08/21 13:25	02/15/21 14:39	17060-07-0	
Total Solids 2540 G-2011	Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet							
Total Solids	**87.5**	%		1	02/11/21 16:22	02/11/21 16:29		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-LI-2448
Pace Project No.: 92521220

Sample: MW-75 (30'-32') **Lab ID: 92521220002** Collected: 02/08/21 16:30 Received: 02/09/21 13:00 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	mg/kg	8.27	1	02/08/21 16:30	02/13/21 01:49		
Aliphatic (C09-C12)	ND	mg/kg	8.27	1	02/08/21 16:30	02/13/21 01:49		
Aromatic (C09-C10),Unadjusted	ND	mg/kg	8.27	1	02/08/21 16:30	02/13/21 01:49	TPHC9C10A	
Total VPH	ND	mg/kg	8.27	1	02/08/21 16:30	02/13/21 01:49	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	87.0	%	70.0-130	1	02/08/21 16:30	02/13/21 01:49	615-59-8FID	
2,5-Dibromotoluene (PID)	77.4	%	70.0-130	1	02/08/21 16:30	02/13/21 01:49	615-59-8PID	
VOA (GC/MS) 8260D	Analytical Method: EPA 8260D Preparation Method: 5035A Pace National - Mt. Juliet							
Acetone	ND	mg/kg	0.0827	1	02/08/21 16:30	02/13/21 15:15	67-64-1	C3,R1
Acrylonitrile	ND	mg/kg	0.0207	1	02/08/21 16:30	02/13/21 15:15	107-13-1	C3
Benzene	ND	mg/kg	0.00165	1	02/08/21 16:30	02/13/21 15:15	71-43-2	
Bromobenzene	ND	mg/kg	0.0207	1	02/08/21 16:30	02/13/21 15:15	108-86-1	
Bromodichloromethane	ND	mg/kg	0.00413	1	02/08/21 16:30	02/13/21 15:15	75-27-4	
Bromoform	ND	mg/kg	0.0413	1	02/08/21 16:30	02/13/21 15:15	75-25-2	C3
Bromomethane	ND	mg/kg	0.0207	1	02/08/21 16:30	02/13/21 15:15	74-83-9	
n-Butylbenzene	ND	mg/kg	0.0207	1	02/08/21 16:30	02/13/21 15:15	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0207	1	02/08/21 16:30	02/13/21 15:15	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.00827	1	02/08/21 16:30	02/13/21 15:15	98-06-6	
Carbon tetrachloride	ND	mg/kg	0.00827	1	02/08/21 16:30	02/13/21 15:15	56-23-5	
Chlorobenzene	ND	mg/kg	0.00413	1	02/08/21 16:30	02/13/21 15:15	108-90-7	
Dibromochloromethane	ND	mg/kg	0.00413	1	02/08/21 16:30	02/13/21 15:15	124-48-1	
Chloroethane	ND	mg/kg	0.00827	1	02/08/21 16:30	02/13/21 15:15	75-00-3	
Chloroform	ND	mg/kg	0.00413	1	02/08/21 16:30	02/13/21 15:15	67-66-3	
Chloromethane	ND	mg/kg	0.0207	1	02/08/21 16:30	02/13/21 15:15	74-87-3	R1
2-Chlorotoluene	ND	mg/kg	0.00413	1	02/08/21 16:30	02/13/21 15:15	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.00827	1	02/08/21 16:30	02/13/21 15:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0405	1	02/08/21 16:30	02/15/21 14:58	96-12-8	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.00413	1	02/08/21 16:30	02/13/21 15:15	106-93-4	C3
Dibromomethane	ND	mg/kg	0.00827	1	02/08/21 16:30	02/13/21 15:15	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.00827	1	02/08/21 16:30	02/13/21 15:15	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.00827	1	02/08/21 16:30	02/13/21 15:15	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.00827	1	02/08/21 16:30	02/13/21 15:15	106-46-7	
Dichlorodifluoromethane	ND	mg/kg	0.00413	1	02/08/21 16:30	02/13/21 15:15	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.00413	1	02/08/21 16:30	02/13/21 15:15	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.00413	1	02/08/21 16:30	02/13/21 15:15	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.00413	1	02/08/21 16:30	02/13/21 15:15	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.00413	1	02/08/21 16:30	02/13/21 15:15	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.00827	1	02/08/21 16:30	02/13/21 15:15	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.00827	1	02/08/21 16:30	02/13/21 15:15	78-87-5	
1,1-Dichloropropene	ND	mg/kg	0.00413	1	02/08/21 16:30	02/13/21 15:15	563-58-6	
1,3-Dichloropropane	ND	mg/kg	0.00827	1	02/08/21 16:30	02/13/21 15:15	142-28-9	
cis-1,3-Dichloropropene	ND	mg/kg	0.00413	1	02/08/21 16:30	02/13/21 15:15	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.00827	1	02/08/21 16:30	02/13/21 15:15	10061-02-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-LI-2448
Pace Project No.: 92521220

Sample: MW-75 (30'-32') **Lab ID: 92521220002** Collected: 02/08/21 16:30 Received: 02/09/21 13:00 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							
2,2-Dichloropropane	ND	mg/kg	0.00413	1	02/08/21 16:30	02/13/21 15:15	594-20-7	
Diisopropyl ether	ND	mg/kg	0.00165	1	02/08/21 16:30	02/13/21 15:15	108-20-3	
Ethylbenzene	ND	mg/kg	0.00413	1	02/08/21 16:30	02/13/21 15:15	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0413	1	02/08/21 16:30	02/13/21 15:15	87-68-3	
Isopropylbenzene (Cumene)	ND	mg/kg	0.00413	1	02/08/21 16:30	02/13/21 15:15	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.00827	1	02/08/21 16:30	02/13/21 15:15	99-87-6	
2-Butanone (MEK)	ND	mg/kg	0.165	1	02/08/21 16:30	02/13/21 15:15	78-93-3	C3
Methylene Chloride	ND	mg/kg	0.0413	1	02/08/21 16:30	02/13/21 15:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.0413	1	02/08/21 16:30	02/13/21 15:15	108-10-1	C3,L0
Methyl-tert-butyl ether	ND	mg/kg	0.00165	1	02/08/21 16:30	02/13/21 15:15	1634-04-4	C4
Naphthalene	ND	mg/kg	0.0207	1	02/08/21 16:30	02/13/21 15:15	91-20-3	C3
n-Propylbenzene	ND	mg/kg	0.00827	1	02/08/21 16:30	02/13/21 15:15	103-65-1	
Styrene	ND	mg/kg	0.0207	1	02/08/21 16:30	02/13/21 15:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00413	1	02/08/21 16:30	02/13/21 15:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.00413	1	02/08/21 16:30	02/13/21 15:15	79-34-5	C3,L0
1,1,2-Trichlorotrifluoroethane	ND	mg/kg	0.00413	1	02/08/21 16:30	02/13/21 15:15	76-13-1	
Tetrachloroethene	ND	mg/kg	0.00413	1	02/08/21 16:30	02/13/21 15:15	127-18-4	
Toluene	ND	mg/kg	0.00827	1	02/08/21 16:30	02/13/21 15:15	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0207	1	02/08/21 16:30	02/13/21 15:15	87-61-6	C3
1,2,4-Trichlorobenzene	ND	mg/kg	0.0207	1	02/08/21 16:30	02/13/21 15:15	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.00413	1	02/08/21 16:30	02/13/21 15:15	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.00413	1	02/08/21 16:30	02/13/21 15:15	79-00-5	
Trichloroethene	ND	mg/kg	0.00165	1	02/08/21 16:30	02/13/21 15:15	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.00413	1	02/08/21 16:30	02/13/21 15:15	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0207	1	02/08/21 16:30	02/13/21 15:15	96-18-4	C3,L0
1,2,4-Trimethylbenzene	ND	mg/kg	0.00827	1	02/08/21 16:30	02/13/21 15:15	95-63-6	
1,2,3-Trimethylbenzene	ND	mg/kg	0.00827	1	02/08/21 16:30	02/13/21 15:15	526-73-8	
1,3,5-Trimethylbenzene	ND	mg/kg	0.00827	1	02/08/21 16:30	02/13/21 15:15	108-67-8	
Vinyl chloride	ND	mg/kg	0.00413	1	02/08/21 16:30	02/13/21 15:15	75-01-4	
Xylene (Total)	ND	mg/kg	0.0108	1	02/08/21 16:30	02/13/21 15:15	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	75.0-131	1	02/08/21 16:30	02/13/21 15:15	2037-26-5	
Toluene-d8 (S)	120	%	75.0-131	1	02/08/21 16:30	02/15/21 14:58	2037-26-5	
4-Bromofluorobenzene (S)	97.8	%	67.0-138	1	02/08/21 16:30	02/13/21 15:15	460-00-4	
4-Bromofluorobenzene (S)	107	%	67.0-138	1	02/08/21 16:30	02/15/21 14:58	460-00-4	
1,2-Dichloroethane-d4 (S)	79.9	%	70.0-130	1	02/08/21 16:30	02/13/21 15:15	17060-07-0	
1,2-Dichloroethane-d4 (S)	98.7	%	70.0-130	1	02/08/21 16:30	02/15/21 14:58	17060-07-0	
Total Solids 2540 G-2011	Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet							
Total Solids	**81.6**	%		1	02/11/21 16:22	02/11/21 16:29		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92521220

QC Batch: 1620836
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92521220001, 92521220002

METHOD BLANK: R3622402-3 Matrix: Solid
Associated Lab Samples: 92521220001, 92521220002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	5.00	02/12/21 19:10	
Aliphatic (C09-C12)	mg/kg	ND	5.00	02/12/21 19:10	
Aromatic (C09-C10),Unadjusted	mg/kg	ND	5.00	02/12/21 19:10	
Total VPH	mg/kg	ND	5.00	02/12/21 19:10	
2,5-Dibromotoluene (FID)	%	86.6	70.0-130	02/12/21 19:10	
2,5-Dibromotoluene (PID)	%	77.6	70.0-130	02/12/21 19:10	

LABORATORY CONTROL SAMPLE & LCSD: R3622402-1 R3622402-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	60.0	67.6	66.9	113	112	70.0-130	1.04	25	
Aliphatic (C09-C12)	mg/kg	70.0	86.0	86.0	123	123	70.0-130	0.00	25	
Aromatic (C09-C10),Unadjusted	mg/kg	10.0	10.8	10.7	108	107	70.0-130	0.930	25	
Total VPH	mg/kg	140	164	164	117	117	70.0-130	0.00	25	
2,5-Dibromotoluene (FID)	%				88.7	92.5	70.0-130			
2,5-Dibromotoluene (PID)	%				82.1	85.3	70.0-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3622402-4 R3622402-5

Parameter	Units	L1314840-05 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Aliphatic (C05-C08)	mg/kg	ND	63.6	63.6	16.7	70.1	18.1	75.9	70.0-130	123	ML,R1
Aliphatic (C09-C12)	mg/kg	ND	74.2	74.2	22.1	121	20.5	113	70.0-130	138	ML,R1
Aromatic (C09-C10),Unadjusted	mg/kg	ND	10.6	10.6	4.05	15.2	26.3	99.1	70.0-130	116	ML,R1
Total VPH	mg/kg	ND	148	148	42.8	206	19.9	95.9	70.0-130	131	ML,R1
2,5-Dibromotoluene (FID)	%						93.5	99.9	70.0-130		
2,5-Dibromotoluene (PID)	%						81.9	85.8	70.0-130		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92521220

QC Batch: 1620495
QC Batch Method: 5035A
Analysis Method: EPA 8260D
Analysis Description: VOA (GC/MS) 8260D
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92521220001, 92521220002

METHOD BLANK: R3622398-3 Matrix: Solid
Associated Lab Samples: 92521220001, 92521220002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acetone	mg/kg	ND	0.0500	02/13/21 09:01	
Acrylonitrile	mg/kg	ND	0.0125	02/13/21 09:01	
Benzene	mg/kg	ND	0.00100	02/13/21 09:01	
Bromobenzene	mg/kg	ND	0.0125	02/13/21 09:01	
Bromodichloromethane	mg/kg	ND	0.00250	02/13/21 09:01	
Bromoform	mg/kg	ND	0.0250	02/13/21 09:01	
Bromomethane	mg/kg	ND	0.0125	02/13/21 09:01	
n-Butylbenzene	mg/kg	ND	0.0125	02/13/21 09:01	
sec-Butylbenzene	mg/kg	ND	0.0125	02/13/21 09:01	
tert-Butylbenzene	mg/kg	ND	0.00500	02/13/21 09:01	
Carbon tetrachloride	mg/kg	ND	0.00500	02/13/21 09:01	
Chlorobenzene	mg/kg	ND	0.00250	02/13/21 09:01	
Dibromochloromethane	mg/kg	ND	0.00250	02/13/21 09:01	
Chloroethane	mg/kg	ND	0.00500	02/13/21 09:01	
Chloroform	mg/kg	ND	0.00250	02/13/21 09:01	
Chloromethane	mg/kg	ND	0.0125	02/13/21 09:01	
2-Chlorotoluene	mg/kg	ND	0.00250	02/13/21 09:01	
4-Chlorotoluene	mg/kg	ND	0.00500	02/13/21 09:01	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.00250	02/13/21 09:01	
Dibromomethane	mg/kg	ND	0.00500	02/13/21 09:01	
1,2-Dichlorobenzene	mg/kg	ND	0.00500	02/13/21 09:01	
1,3-Dichlorobenzene	mg/kg	ND	0.00500	02/13/21 09:01	
1,4-Dichlorobenzene	mg/kg	ND	0.00500	02/13/21 09:01	
Dichlorodifluoromethane	mg/kg	ND	0.00250	02/13/21 09:01	
1,1-Dichloroethane	mg/kg	ND	0.00250	02/13/21 09:01	
1,2-Dichloroethane	mg/kg	ND	0.00250	02/13/21 09:01	
1,1-Dichloroethene	mg/kg	ND	0.00250	02/13/21 09:01	
cis-1,2-Dichloroethene	mg/kg	ND	0.00250	02/13/21 09:01	
trans-1,2-Dichloroethene	mg/kg	ND	0.00500	02/13/21 09:01	
1,2-Dichloropropane	mg/kg	ND	0.00500	02/13/21 09:01	
1,1-Dichloropropene	mg/kg	ND	0.00250	02/13/21 09:01	
1,3-Dichloropropane	mg/kg	ND	0.00500	02/13/21 09:01	
cis-1,3-Dichloropropene	mg/kg	ND	0.00250	02/13/21 09:01	
trans-1,3-Dichloropropene	mg/kg	ND	0.00500	02/13/21 09:01	
2,2-Dichloropropane	mg/kg	ND	0.00250	02/13/21 09:01	
Diisopropyl ether	mg/kg	ND	0.00100	02/13/21 09:01	
Ethylbenzene	mg/kg	ND	0.00250	02/13/21 09:01	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0250	02/13/21 09:01	
Isopropylbenzene (Cumene)	mg/kg	ND	0.00250	02/13/21 09:01	
p-Isopropyltoluene	mg/kg	ND	0.00500	02/13/21 09:01	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92521220

METHOD BLANK: R3622398-3 Matrix: Solid
Associated Lab Samples: 92521220001, 92521220002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2-Butanone (MEK)	mg/kg	ND	0.100	02/13/21 09:01	
Methylene Chloride	mg/kg	ND	0.0250	02/13/21 09:01	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.0250	02/13/21 09:01	
Methyl-tert-butyl ether	mg/kg	ND	0.00100	02/13/21 09:01	
Naphthalene	mg/kg	ND	0.0125	02/13/21 09:01	
n-Propylbenzene	mg/kg	ND	0.00500	02/13/21 09:01	
Styrene	mg/kg	ND	0.0125	02/13/21 09:01	
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.00250	02/13/21 09:01	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.00250	02/13/21 09:01	
Tetrachloroethene	mg/kg	ND	0.00250	02/13/21 09:01	
Toluene	mg/kg	ND	0.00500	02/13/21 09:01	
1,1,2-Trichlorotrifluoroethane	mg/kg	ND	0.00250	02/13/21 09:01	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0125	02/13/21 09:01	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0125	02/13/21 09:01	
1,1,1-Trichloroethane	mg/kg	ND	0.00250	02/13/21 09:01	
1,1,2-Trichloroethane	mg/kg	ND	0.00250	02/13/21 09:01	
Trichloroethene	mg/kg	ND	0.00100	02/13/21 09:01	
Trichlorofluoromethane	mg/kg	ND	0.00250	02/13/21 09:01	
1,2,3-Trichloropropane	mg/kg	ND	0.0125	02/13/21 09:01	
1,2,3-Trimethylbenzene	mg/kg	ND	0.00500	02/13/21 09:01	
1,2,4-Trimethylbenzene	mg/kg	0.00513	0.00500	02/13/21 09:01	
1,3,5-Trimethylbenzene	mg/kg	ND	0.00500	02/13/21 09:01	
Vinyl chloride	mg/kg	ND	0.00250	02/13/21 09:01	
Xylene (Total)	mg/kg	ND	0.00650	02/13/21 09:01	
Toluene-d8 (S)	%	104	75.0-131	02/13/21 09:01	
4-Bromofluorobenzene (S)	%	95.6	67.0-138	02/13/21 09:01	
1,2-Dichloroethane-d4 (S)	%	79.3	70.0-130	02/13/21 09:01	

LABORATORY CONTROL SAMPLE & LCSD: R3622398-1 R3622398-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Acetone	mg/kg	0.625	0.476	0.322	76.2	51.5	10.0-160	38.6	31	R1
Acrylonitrile	mg/kg	0.625	0.355	0.347	56.8	55.5	45.0-153	2.28	22	
Benzene	mg/kg	0.125	0.126	0.123	101	98.4	70.0-123	2.41	20	
Bromobenzene	mg/kg	0.125	0.124	0.122	99.2	97.6	73.0-121	1.63	20	
Bromodichloromethane	mg/kg	0.125	0.122	0.121	97.6	96.8	73.0-121	0.823	20	
Bromoform	mg/kg	0.125	0.0890	0.0911	71.2	72.9	64.0-132	2.33	20	
Bromomethane	mg/kg	0.125	0.118	0.118	94.4	94.4	56.0-147	0.00	20	
n-Butylbenzene	mg/kg	0.125	0.117	0.111	93.6	88.8	68.0-135	5.26	20	
sec-Butylbenzene	mg/kg	0.125	0.124	0.120	99.2	96.0	74.0-130	3.28	20	
tert-Butylbenzene	mg/kg	0.125	0.129	0.124	103	99.2	75.0-127	3.95	20	
Carbon tetrachloride	mg/kg	0.125	0.124	0.119	99.2	95.2	66.0-128	4.12	20	
Chlorobenzene	mg/kg	0.125	0.125	0.124	100	99.2	76.0-128	0.803	20	
Dibromochloromethane	mg/kg	0.125	0.110	0.112	88.0	89.6	74.0-127	1.80	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92521220

LABORATORY CONTROL SAMPLE & LCSD: R3622398-1 R3622398-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chloroethane	mg/kg	0.125	0.120	0.118	96.0	94.4	61.0-134	1.68	20	
Chloroform	mg/kg	0.125	0.121	0.118	96.8	94.4	72.0-123	2.51	20	
Chloromethane	mg/kg	0.125	0.108	0.0671	86.4	53.7	51.0-138	46.7	20	R1
2-Chlorotoluene	mg/kg	0.125	0.120	0.114	96.0	91.2	75.0-124	5.13	20	
4-Chlorotoluene	mg/kg	0.125	0.121	0.118	96.8	94.4	75.0-124	2.51	20	
1,2-Dibromoethane (EDB)	mg/kg	0.125	0.0967	0.0966	77.4	77.3	74.0-128	0.103	20	
Dibromomethane	mg/kg	0.125	0.118	0.115	94.4	92.0	75.0-122	2.58	20	
1,2-Dichlorobenzene	mg/kg	0.125	0.112	0.112	89.6	89.6	76.0-124	0.00	20	
1,3-Dichlorobenzene	mg/kg	0.125	0.117	0.116	93.6	92.8	76.0-125	0.858	20	
1,4-Dichlorobenzene	mg/kg	0.125	0.117	0.118	93.6	94.4	77.0-121	0.851	20	
Dichlorodifluoromethane	mg/kg	0.125	0.115	0.111	92.0	88.8	43.0-156	3.54	20	
1,1-Dichloroethane	mg/kg	0.125	0.111	0.108	88.8	86.4	70.0-127	2.74	20	
1,2-Dichloroethane	mg/kg	0.125	0.118	0.121	94.4	96.8	65.0-131	2.51	20	
1,1-Dichloroethene	mg/kg	0.125	0.116	0.108	92.8	86.4	65.0-131	7.14	20	
cis-1,2-Dichloroethene	mg/kg	0.125	0.110	0.107	88.0	85.6	73.0-125	2.76	20	
trans-1,2-Dichloroethene	mg/kg	0.125	0.107	0.106	85.6	84.8	71.0-125	0.939	20	
1,2-Dichloropropane	mg/kg	0.125	0.144	0.139	115	111	74.0-125	3.53	20	
1,1-Dichloropropene	mg/kg	0.125	0.128	0.126	102	101	73.0-125	1.57	20	
1,3-Dichloropropane	mg/kg	0.125	0.111	0.110	88.8	88.0	80.0-125	0.905	20	
cis-1,3-Dichloropropene	mg/kg	0.125	0.132	0.131	106	105	76.0-127	0.760	20	
trans-1,3-Dichloropropene	mg/kg	0.125	0.115	0.113	92.0	90.4	73.0-127	1.75	20	
2,2-Dichloropropane	mg/kg	0.125	0.113	0.108	90.4	86.4	59.0-135	4.52	20	
Diisopropyl ether	mg/kg	0.125	0.102	0.100	81.6	80.0	60.0-136	1.98	20	
Ethylbenzene	mg/kg	0.125	0.122	0.120	97.6	96.0	74.0-126	1.65	20	
Hexachloro-1,3-butadiene	mg/kg	0.125	0.0999	0.0993	79.9	79.4	57.0-150	0.602	20	
Isopropylbenzene (Cumene)	mg/kg	0.125	0.113	0.111	90.4	88.8	72.0-127	1.79	20	
p-Isopropyltoluene	mg/kg	0.125	0.123	0.115	98.4	92.0	72.0-133	6.72	20	
2-Butanone (MEK)	mg/kg	0.625	0.414	0.402	66.2	64.3	30.0-160	2.94	24	
Methylene Chloride	mg/kg	0.125	0.110	0.107	88.0	85.6	68.0-123	2.76	20	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.625	0.331	0.333	53.0	53.3	56.0-143	0.602	20	L0
Methyl-tert-butyl ether	mg/kg	0.125	0.0957	0.0946	76.6	75.7	66.0-132	1.16	20	
Naphthalene	mg/kg	0.125	0.0770	0.0750	61.6	60.0	59.0-130	2.63	20	
n-Propylbenzene	mg/kg	0.125	0.120	0.116	96.0	92.8	74.0-126	3.39	20	
Styrene	mg/kg	0.125	0.112	0.111	89.6	88.8	72.0-127	0.897	20	
1,1,1,2-Tetrachloroethane	mg/kg	0.125	0.112	0.112	89.6	89.6	74.0-129	0.00	20	
1,1,2,2-Tetrachloroethane	mg/kg	0.125	0.0848	0.0826	67.8	66.1	68.0-128	2.63	20	L0
Tetrachloroethene	mg/kg	0.125	0.129	0.124	103	99.2	70.0-136	3.95	20	
Toluene	mg/kg	0.125	0.123	0.120	98.4	96.0	75.0-121	2.47	20	
1,1,2-Trichlorotrifluoroethane	mg/kg	0.125	0.129	0.124	103	99.2	61.0-139	3.95	20	
1,2,3-Trichlorobenzene	mg/kg	0.125	0.0930	0.0948	74.4	75.8	59.0-139	1.92	20	
1,2,4-Trichlorobenzene	mg/kg	0.125	0.109	0.109	87.2	87.2	62.0-137	0.00	20	
1,1,1-Trichloroethane	mg/kg	0.125	0.121	0.115	96.8	92.0	69.0-126	5.08	20	
1,1,2-Trichloroethane	mg/kg	0.125	0.115	0.115	92.0	92.0	78.0-123	0.00	20	
Trichloroethene	mg/kg	0.125	0.142	0.137	114	110	76.0-126	3.58	20	
Trichlorofluoromethane	mg/kg	0.125	0.132	0.122	106	97.6	61.0-142	7.87	20	
1,2,3-Trichloropropane	mg/kg	0.125	0.0783	0.0800	62.6	64.0	67.0-129	2.15	20	L0
1,2,3-Trimethylbenzene	mg/kg	0.125	0.121	0.116	96.8	92.8	74.0-124	4.22	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92521220

LABORATORY CONTROL SAMPLE & LCSD: R3622398-1 R3622398-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	mg/kg	0.125	0.135	0.123	108	98.4	70.0-126	9.30	20	
1,3,5-Trimethylbenzene	mg/kg	0.125	0.122	0.118	97.6	94.4	73.0-127	3.33	20	
Vinyl chloride	mg/kg	0.125	0.132	0.121	106	96.8	63.0-134	8.70	20	
Xylene (Total)	mg/kg	0.375	0.354	0.348	94.4	92.8	72.0-127	1.71	20	
Toluene-d8 (S)	%				98.2	99.6	75.0-131			
4-Bromofluorobenzene (S)	%				97.7	96.8	67.0-138			
1,2-Dichloroethane-d4 (S)	%				83.1	82.9	70.0-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3622398-4 R3622398-5

Parameter	Units	L1314840-11 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Acrylonitrile	mg/kg	ND	0.824	0.824	0.467	0.447	56.7	54.2	10.0-160	4.48	
Bromobenzene	mg/kg	ND	0.165	0.165	0.107	0.146	65.2	88.5	10.0-156	30.3	
Acetone	mg/kg	ND	0.824	0.824	0.489	0.445	59.4	54.0	10.0-160	9.49	
n-Butylbenzene	mg/kg	ND	0.165	0.165	0.0733	0.136	44.6	82.7	10.0-160	59.9	R1
sec-Butylbenzene	mg/kg	ND	0.165	0.165	0.0788	0.148	47.9	89.7	10.0-159	60.8	R1
tert-Butylbenzene	mg/kg	ND	0.165	0.165	0.0846	0.156	51.4	94.8	10.0-156	59.4	R1
Benzene	mg/kg	ND	0.165	0.165	0.0714	0.130	43.4	79.0	10.0-149	58.1	R1
Bromodichloromethane	mg/kg	ND	0.165	0.165	0.0967	0.142	58.8	86.4	10.0-143	38.1	R1
Bromoform	mg/kg	ND	0.165	0.165	0.0931	0.103	56.6	62.9	10.0-146	10.6	
Bromomethane	mg/kg	ND	0.165	0.165	0.0382	0.0682	23.2	41.5	10.0-149	56.4	R1
2-Chlorotoluene	mg/kg	ND	0.165	0.165	0.0847	0.135	51.5	81.8	10.0-159	45.4	R1
4-Chlorotoluene	mg/kg	ND	0.165	0.165	0.0912	0.148	55.4	90.2	10.0-155	47.7	R1
Carbon tetrachloride	mg/kg	ND	0.165	0.165	0.0537	0.127	32.6	77.3	10.0-145	81.2	R1
Dibromomethane	mg/kg	ND	0.165	0.165	0.106	0.123	64.7	75.0	10.0-147	14.8	
Chlorobenzene	mg/kg	ND	0.165	0.165	0.0928	0.145	56.4	88.3	10.0-152	44.1	R1
Dibromochloromethane	mg/kg	ND	0.165	0.165	0.105	0.131	63.7	79.6	10.0-146	22.1	
Chloroethane	mg/kg	ND	0.165	0.165	0.0162	0.0329	9.85	20.0	10.0-146	68.0	ML,R1
Chloroform	mg/kg	ND	0.165	0.165	0.0805	0.140	48.9	85.2	10.0-146	54.1	R1
Chloromethane	mg/kg	ND	0.165	0.165	0.0368	0.0766	22.4	46.5	10.0-159	70.1	R1
1,2-Dibromoethane (EDB)	mg/kg	ND	0.165	0.165	0.0989	0.110	60.1	66.8	10.0-148	10.6	
1,2-Dichlorobenzene	mg/kg	ND	0.165	0.165	0.107	0.143	64.9	87.2	10.0-155	29.3	
1,1-Dichloropropene	mg/kg	ND	0.165	0.165	0.0529	0.119	32.1	72.5	10.0-153	77.2	R1
1,3-Dichlorobenzene	mg/kg	ND	0.165	0.165	0.0986	0.144	59.9	87.5	10.0-153	37.4	
1,3-Dichloropropane	mg/kg	ND	0.165	0.165	0.115	0.130	69.7	78.8	10.0-154	12.1	
1,4-Dichlorobenzene	mg/kg	ND	0.165	0.165	0.105	0.147	64.0	89.6	10.0-151	33.3	
Dichlorodifluoromethane	mg/kg	ND	0.165	0.165	0.0385	0.100	23.4	61.0	10.0-160	89.1	R1
2,2-Dichloropropane	mg/kg	ND	0.165	0.165	0.0535	0.114	32.5	69.0	10.0-138	71.8	R1
1,1-Dichloroethane	mg/kg	ND	0.165	0.165	0.0651	0.122	39.6	74.0	10.0-147	60.6	R1
1,2-Dichloroethane	mg/kg	ND	0.165	0.165	0.105	0.131	63.5	79.8	10.0-148	22.7	
Diisopropyl ether	mg/kg	ND	0.165	0.165	0.0882	0.126	53.6	76.6	10.0-147	35.4	
1,1-Dichloroethene	mg/kg	ND	0.165	0.165	0.0447	0.107	27.2	65.0	10.0-155	82.1	R1
cis-1,2-Dichloroethene	mg/kg	ND	0.165	0.165	0.0680	0.115	41.3	69.7	10.0-149	51.1	R1
trans-1,2-Dichloroethene	mg/kg	ND	0.165	0.165	0.0483	0.0941	29.3	57.2	10.0-150	64.4	R1

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92521220

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3622398-4 R3622398-5

Parameter	Units	L1314840-11 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2-Dichloropropane	mg/kg	ND	0.165	0.165	0.104	0.160	63.2	97.3	10.0-148	42.5	R1
Hexachloro-1,3-butadiene	mg/kg	ND	0.165	0.165	0.0772	0.128	46.9	77.7	10.0-160	49.4	R1
cis-1,3-Dichloropropene	mg/kg	ND	0.165	0.165	0.104	0.145	63.1	88.1	10.0-151	33.0	
trans-1,3-Dichloropropene	mg/kg	ND	0.165	0.165	0.106	0.132	64.1	80.0	10.0-148	22.0	
p-Isopropyltoluene	mg/kg	ND	0.165	0.165	0.0781	0.140	47.5	84.9	10.0-160	56.5	R1
Ethylbenzene	mg/kg	0.00174	0.165	0.165	0.0764	0.140	45.4	83.9	10.0-160	58.7	R1
Naphthalene	mg/kg	ND	0.165	0.165	0.0870	0.0924	52.8	56.2	10.0-160	6.08	
n-Propylbenzene	mg/kg	ND	0.165	0.165	0.0752	0.138	45.7	83.6	10.0-158	58.7	R1
Isopropylbenzene (Cumene)	mg/kg	ND	0.165	0.165	0.0714	0.136	43.4	82.4	10.0-155	61.9	R1
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.165	0.165	0.0899	0.134	54.6	81.7	10.0-149	39.7	R1
2-Butanone (MEK)	mg/kg	ND	0.824	0.824	0.605	0.551	73.5	66.9	10.0-160	9.44	
Methylene Chloride	mg/kg	ND	0.165	0.165	0.0774	0.115	47.0	70.2	10.0-141	39.4	R1
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.824	0.824	0.419	0.390	50.9	47.4	10.0-160	7.16	
Methyl-tert-butyl ether	mg/kg	ND	0.165	0.165	0.0970	0.114	59.0	69.2	11.0-147	16.0	
Styrene	mg/kg	ND	0.165	0.165	0.0897	0.133	54.5	81.0	10.0-160	39.1	
1,2,3-Trichloropropane	mg/kg	ND	0.165	0.165	0.0919	0.0943	55.9	57.3	10.0-156	2.56	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.165	0.165	0.103	0.105	62.5	63.5	10.0-160	1.64	
1,2,3-Trimethylbenzene	mg/kg	0.00288	0.165	0.165	0.0957	0.139	56.4	82.8	10.0-160	37.0	R1
1,2,4-Trimethylbenzene	mg/kg	0.0103	0.165	0.165	0.0853	0.138	45.5	77.7	10.0-160	47.3	R1
Tetrachloroethene	mg/kg	ND	0.165	0.165	0.0619	0.126	37.6	76.4	10.0-156	68.0	R1
1,3,5-Trimethylbenzene	mg/kg	ND	0.165	0.165	0.0808	0.139	49.1	84.8	10.0-160	53.3	R1
Toluene	mg/kg	0.00249	0.165	0.165	0.0789	0.132	46.5	78.6	10.0-156	50.2	R1
1,1,2-Trichlorotrifluoroethane	mg/kg	ND	0.165	0.165	0.0501	0.134	30.5	81.1	10.0-160	90.8	R1
1,2,3-Trichlorobenzene	mg/kg	ND	0.165	0.165	0.100	0.122	61.0	73.9	10.0-160	19.0	
1,2,4-Trichlorobenzene	mg/kg	ND	0.165	0.165	0.108	0.143	65.9	87.0	10.0-160	27.6	
1,1,1-Trichloroethane	mg/kg	ND	0.165	0.165	0.0575	0.132	34.9	80.1	10.0-144	78.6	R1
1,1,2-Trichloroethane	mg/kg	ND	0.165	0.165	0.123	0.134	75.0	81.6	10.0-160	8.34	
Trichloroethene	mg/kg	ND	0.165	0.165	0.0755	0.141	45.9	85.6	10.0-156	60.4	R1
Trichlorofluoromethane	mg/kg	ND	0.165	0.165	0.0136	0.0346	8.28	21.0	10.0-160	87.0	ML,R1
Vinyl chloride	mg/kg	ND	0.165	0.165	0.0438	0.110	26.6	67.2	10.0-160	86.4	R1
Xylene (Total)	mg/kg	0.00749	0.493	0.493	0.208	0.372	40.7	73.9	10.0-160	56.5	R1
Toluene-d8 (S)	%						101	99.3	75.0-131		
4-Bromofluorobenzene (S)	%						96.9	96.6	67.0-138		
1,2-Dichloroethane-d4 (S)	%						79.6	81.8	70.0-130		

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92521220

QC Batch: 1621361
QC Batch Method: 5035A
Analysis Method: EPA 8260D
Analysis Description: VOA (GC/MS) 8260D
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92521220001, 92521220002

METHOD BLANK: R3622632-3 Matrix: Solid
Associated Lab Samples: 92521220001, 92521220002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	mg/kg	ND	0.0250	02/15/21 10:34	
Toluene-d8 (S)	%	121	75.0-131	02/15/21 10:34	
4-Bromofluorobenzene (S)	%	106	67.0-138	02/15/21 10:34	
1,2-Dichloroethane-d4 (S)	%	99.2	70.0-130	02/15/21 10:34	

LABORATORY CONTROL SAMPLE & LCSD: R3622632-1 R3622632-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromo-3-chloropropane	mg/kg	0.125	0.115	0.113	92.0	90.4	59.0-130	1.75	20	
Toluene-d8 (S)	%				118	121	75.0-131			
4-Bromofluorobenzene (S)	%				108	104	67.0-138			
1,2-Dichloroethane-d4 (S)	%				103	94.9	70.0-130			

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448
Pace Project No.: 92521220

QC Batch: 1620211
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: 92521220001, 92521220002

METHOD BLANK: R3621961-1 Matrix: Solid
Associated Lab Samples: 92521220001, 92521220002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Solids	%	0.00100		02/11/21 16:29	

LABORATORY CONTROL SAMPLE: R3621961-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Solids	%	50.0	50.0	99.9	85.0-115	

SAMPLE DUPLICATE: R3621961-3

Parameter	Units	L1316053-01 Result	Dup Result	RPD	Qualifiers
Total Solids	%	98.0	97.9	0.117	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 2020-LI-2448
Pace Project No.: 92521220

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.
C4	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Data is likely to show a low bias concerning the result.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-LI-2448
Pace Project No.: 92521220

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92521220001	**MW-74 (15'-17')**	MADEPV	1620836	MADEP VPH	1620836
92521220002	**MW-75 (30'-32')**	MADEPV	1620836	MADEP VPH	1620836
92521220001	**MW-74 (15'-17')**	5035A	1620495	EPA 8260D	1620495
92521220001	**MW-74 (15'-17')**	5035A	1621361	EPA 8260D	1621361
92521220002	**MW-75 (30'-32')**	5035A	1620495	EPA 8260D	1620495
92521220002	**MW-75 (30'-32')**	5035A	1621361	EPA 8260D	1621361
92521220001	**MW-74 (15'-17')**	SM 2540 G	1620211	SM 2540G	1620211
92521220002	**MW-75 (30'-32')**	SM 2540 G	1620211	SM 2540G	1620211

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

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

LAB: Affix Label Here or List Pace Workorder Number or

WO# : 92521220

92521220

Company: Apex Companies	Billing Information:
Address: 5400 North Woods Bus. Pkwy, Ste 0	
Report To: Andrew Street	Email To: Andrew.Street@apexCos.com
Copy To:	Site Collection Info/Address: CPL Huntersville
Customer Project Name/Number: 2020-LI-2448	State: NC County/City: Huntersville Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Kyle Ziegler	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Kyle Ziegler	Turnaround Date Required: Normal TAT Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [X] No Analysis: _____

** 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 _____

* 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	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: MADEP VPH	Analyses: VOCs by 8260	Lab Profile/Line: Lab Sample # / Comments:
											92521220
MW-74 (15'-17')	SL	Grab			2-8-21	1325		3	X	X	001
MW-75 (30'-32')	SL	Grab			2-8-21	1630		3	X	X	002

Lab Profile/Line: Lab Sample Receipt Checklist:

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

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: MB

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

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

Lab Tracking #: 2615902

Samples received via: FEDEX UPS Client Courier (Pace Courier)

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: 92706A
Cooler 1 Temp Upon Receipt: 5.1 oC
Cooler 1 Therm Corr. Factor: -0.1 oC
Cooler 1 Corrected Temp: 5.0 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Kyle Ziegler / Apex	2-9-21 / 1245	Naomi Pitt / Apex	2-9-21 / 1245
Naomi Pitt / Apex	2-9-21 / 1300	MD Grace #VL 2-9-21	13:00
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip 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#: 92521220**

PM: AMB Due Date: 02/16/21

CLIENT: 92-APEX MOOR

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

pH Adjustment Log for Preserved Samples

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

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

January 19, 2021

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

RE: Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516188

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on January 12, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516188

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516188

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92516188001	**14226_HC_RD_2021112**	EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516188

Sample: 14226_HC_RD_2021112 **Lab ID: 92516188001** Collected: 01/12/21 13:15 Received: 01/12/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	01/13/21 01:55	01/14/21 04:25	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		01/13/21 12:27	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		01/13/21 12:27	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		01/13/21 12:27	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		01/13/21 12:27	75-27-4	
Bromoform	ND	ug/L	0.50	1		01/13/21 12:27	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/13/21 12:27	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		01/13/21 12:27	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		01/13/21 12:27	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		01/13/21 12:27	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		01/13/21 12:27	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		01/13/21 12:27	108-90-7	
Chloroethane	ND	ug/L	1.0	1		01/13/21 12:27	75-00-3	
Chloroform	ND	ug/L	0.50	1		01/13/21 12:27	67-66-3	
Chloromethane	ND	ug/L	1.0	1		01/13/21 12:27	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		01/13/21 12:27	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		01/13/21 12:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		01/13/21 12:27	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		01/13/21 12:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		01/13/21 12:27	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		01/13/21 12:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		01/13/21 12:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		01/13/21 12:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		01/13/21 12:27	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		01/13/21 12:27	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		01/13/21 12:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		01/13/21 12:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		01/13/21 12:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		01/13/21 12:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		01/13/21 12:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		01/13/21 12:27	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		01/13/21 12:27	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		01/13/21 12:27	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		01/13/21 12:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		01/13/21 12:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		01/13/21 12:27	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		01/13/21 12:27	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		01/13/21 12:27	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		01/13/21 12:27	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		01/13/21 12:27	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		01/13/21 12:27	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		01/13/21 12:27	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		01/13/21 12:27	91-20-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516188

Sample: 14226_HC_RD_2021112 **Lab ID: 92516188001** Collected: 01/12/21 13:15 Received: 01/12/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
n-Propylbenzene	ND	ug/L	0.50	1		01/13/21 12:27	103-65-1	
Styrene	ND	ug/L	0.50	1		01/13/21 12:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		01/13/21 12:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		01/13/21 12:27	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		01/13/21 12:27	127-18-4	
Toluene	ND	ug/L	0.50	1		01/13/21 12:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		01/13/21 12:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		01/13/21 12:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		01/13/21 12:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		01/13/21 12:27	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		01/13/21 12:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		01/13/21 12:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		01/13/21 12:27	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		01/13/21 12:27	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		01/13/21 12:27	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		01/13/21 12:27	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		01/13/21 12:27	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		01/13/21 12:27	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		01/13/21 12:27	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130	1		01/13/21 12:27	460-00-4	
Toluene-d8 (S)	99	%	70-130	1		01/13/21 12:27	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516188

QC Batch: 592280
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92516188001

METHOD BLANK: 3126590 Matrix: Water
Associated Lab Samples: 92516188001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	01/14/21 16:03	

LABORATORY CONTROL SAMPLE: 3126591

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	490	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3126592 3126593

Parameter	Units	92515806001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Lead	ug/L	63.3	500	500	455	469	78	81	75-125	3	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516188

QC Batch: 592367
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92516188001

METHOD BLANK: 3126814 Matrix: Water
Associated Lab Samples: 92516188001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1,1-Trichloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1,2-Trichloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1-Dichloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1-Dichloroethene	ug/L	ND	0.50	01/13/21 10:39	
1,1-Dichloropropene	ug/L	ND	0.50	01/13/21 10:39	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	01/13/21 10:39	
1,2,3-Trichloropropane	ug/L	ND	0.50	01/13/21 10:39	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	01/13/21 10:39	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	01/13/21 10:39	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	01/13/21 10:39	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	01/13/21 10:39	
1,2-Dichlorobenzene	ug/L	ND	0.50	01/13/21 10:39	
1,2-Dichloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,2-Dichloropropane	ug/L	ND	0.50	01/13/21 10:39	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	01/13/21 10:39	
1,3-Dichlorobenzene	ug/L	ND	0.50	01/13/21 10:39	
1,3-Dichloropropane	ug/L	ND	0.50	01/13/21 10:39	
1,4-Dichlorobenzene	ug/L	ND	0.50	01/13/21 10:39	
2,2-Dichloropropane	ug/L	ND	0.50	01/13/21 10:39	
2-Chlorotoluene	ug/L	ND	0.50	01/13/21 10:39	
4-Chlorotoluene	ug/L	ND	0.50	01/13/21 10:39	
Benzene	ug/L	ND	0.50	01/13/21 10:39	
Bromobenzene	ug/L	ND	0.50	01/13/21 10:39	
Bromochloromethane	ug/L	ND	0.50	01/13/21 10:39	
Bromodichloromethane	ug/L	ND	0.50	01/13/21 10:39	
Bromoform	ug/L	ND	0.50	01/13/21 10:39	
Bromomethane	ug/L	ND	5.0	01/13/21 10:39	
Carbon tetrachloride	ug/L	ND	0.50	01/13/21 10:39	
Chlorobenzene	ug/L	ND	0.50	01/13/21 10:39	
Chloroethane	ug/L	ND	1.0	01/13/21 10:39	
Chloroform	ug/L	ND	0.50	01/13/21 10:39	
Chloromethane	ug/L	ND	1.0	01/13/21 10:39	
cis-1,2-Dichloroethene	ug/L	ND	0.50	01/13/21 10:39	
cis-1,3-Dichloropropene	ug/L	ND	0.50	01/13/21 10:39	
Dibromochloromethane	ug/L	ND	0.50	01/13/21 10:39	
Dibromomethane	ug/L	ND	0.50	01/13/21 10:39	
Dichlorodifluoromethane	ug/L	ND	0.50	01/13/21 10:39	
Diisopropyl ether	ug/L	ND	0.50	01/13/21 10:39	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516188

METHOD BLANK: 3126814 Matrix: Water
Associated Lab Samples: 92516188001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	01/13/21 10:39	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	01/13/21 10:39	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	01/13/21 10:39	
m&p-Xylene	ug/L	ND	1.0	01/13/21 10:39	
Methyl-tert-butyl ether	ug/L	ND	0.50	01/13/21 10:39	
Methylene Chloride	ug/L	ND	2.0	01/13/21 10:39	
n-Butylbenzene	ug/L	ND	0.50	01/13/21 10:39	
n-Propylbenzene	ug/L	ND	0.50	01/13/21 10:39	
Naphthalene	ug/L	ND	2.0	01/13/21 10:39	
o-Xylene	ug/L	ND	0.50	01/13/21 10:39	
sec-Butylbenzene	ug/L	ND	0.50	01/13/21 10:39	
Styrene	ug/L	ND	0.50	01/13/21 10:39	
tert-Butylbenzene	ug/L	ND	0.50	01/13/21 10:39	
Tetrachloroethene	ug/L	ND	0.50	01/13/21 10:39	
Toluene	ug/L	ND	0.50	01/13/21 10:39	
trans-1,2-Dichloroethene	ug/L	ND	0.50	01/13/21 10:39	
trans-1,3-Dichloropropene	ug/L	ND	0.50	01/13/21 10:39	
Trichloroethene	ug/L	ND	0.50	01/13/21 10:39	
Trichlorofluoromethane	ug/L	ND	1.0	01/13/21 10:39	
Vinyl chloride	ug/L	ND	1.0	01/13/21 10:39	
1,2-Dichloroethane-d4 (S)	%	100	70-130	01/13/21 10:39	
4-Bromofluorobenzene (S)	%	97	70-130	01/13/21 10:39	
Toluene-d8 (S)	%	99	70-130	01/13/21 10:39	

LABORATORY CONTROL SAMPLE: 3126815

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	56.3	113	60-140	
1,1,1-Trichloroethane	ug/L	50	52.9	106	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	55.9	112	60-140	
1,1,2-Trichloroethane	ug/L	50	55.7	111	60-140	
1,1-Dichloroethane	ug/L	50	51.5	103	60-140	
1,1-Dichloroethene	ug/L	50	53.8	108	60-140	
1,1-Dichloropropene	ug/L	50	52.2	104	60-140	
1,2,3-Trichlorobenzene	ug/L	50	56.8	114	60-140	
1,2,3-Trichloropropane	ug/L	50	54.5	109	60-140	
1,2,4-Trichlorobenzene	ug/L	50	57.9	116	60-140	
1,2,4-Trimethylbenzene	ug/L	50	56.0	112	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	61.2	122	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	58.2	116	60-140	
1,2-Dichlorobenzene	ug/L	50	54.1	108	60-140	
1,2-Dichloroethane	ug/L	50	52.1	104	60-140	
1,2-Dichloropropane	ug/L	50	54.7	109	60-140	
1,3,5-Trimethylbenzene	ug/L	50	56.4	113	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516188

LABORATORY CONTROL SAMPLE: 3126815

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	57.4	115	60-140	
1,3-Dichloropropane	ug/L	50	56.8	114	60-140	
1,4-Dichlorobenzene	ug/L	50	53.9	108	60-140	
2,2-Dichloropropane	ug/L	50	57.9	116	60-140	
2-Chlorotoluene	ug/L	50	53.2	106	60-140	
4-Chlorotoluene	ug/L	50	56.3	113	60-140	
Benzene	ug/L	50	52.0	104	60-140	
Bromobenzene	ug/L	50	53.1	106	60-140	
Bromochloromethane	ug/L	50	55.9	112	60-140	
Bromodichloromethane	ug/L	50	51.5	103	60-140	
Bromoform	ug/L	50	60.0	120	60-140	
Bromomethane	ug/L	50	39.5	79	60-140	
Carbon tetrachloride	ug/L	50	52.7	105	60-140	
Chlorobenzene	ug/L	50	54.0	108	60-140	
Chloroethane	ug/L	50	37.6	75	60-140	
Chloroform	ug/L	50	51.5	103	60-140	
Chloromethane	ug/L	50	43.2	86	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.9	102	60-140	
cis-1,3-Dichloropropene	ug/L	50	58.9	118	60-140	
Dibromochloromethane	ug/L	50	60.7	121	60-140	
Dibromomethane	ug/L	50	57.6	115	60-140	
Dichlorodifluoromethane	ug/L	50	53.6	107	60-140	
Diisopropyl ether	ug/L	50	48.9	98	60-140	
Ethylbenzene	ug/L	50	56.3	113	60-140	
Hexachloro-1,3-butadiene	ug/L	50	59.3	119	60-140	
Isopropylbenzene (Cumene)	ug/L	50	56.6	113	60-140	
m&p-Xylene	ug/L	100	116	116	60-140	
Methyl-tert-butyl ether	ug/L	50	52.6	105	60-140	
Methylene Chloride	ug/L	50	49.0	98	60-140	
n-Butylbenzene	ug/L	50	57.6	115	60-140	
n-Propylbenzene	ug/L	50	56.3	113	60-140	
Naphthalene	ug/L	50	57.7	115	60-140	
o-Xylene	ug/L	50	53.3	107	60-140	
sec-Butylbenzene	ug/L	50	56.0	112	60-140	
Styrene	ug/L	50	57.1	114	60-140	
tert-Butylbenzene	ug/L	50	46.5	93	60-140	
Tetrachloroethene	ug/L	50	56.2	112	60-140	
Toluene	ug/L	50	54.8	110	60-140	
trans-1,2-Dichloroethene	ug/L	50	53.5	107	60-140	
trans-1,3-Dichloropropene	ug/L	50	58.3	117	60-140	
Trichloroethene	ug/L	50	55.6	111	60-140	
Trichlorofluoromethane	ug/L	50	46.3	93	60-140	
Vinyl chloride	ug/L	50	49.7	99	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516188

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3126816 3126817

Parameter	Units	92515674002 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	<42.2	2000	2000	2340	2370	117	119	60-140	1	
1,1,1-Trichloroethane	ug/L	<27.8	2000	2000	2360	2310	118	116	60-140	2	
1,1,2,2-Tetrachloroethane	ug/L	<19.3	2000	2000	2290	2280	114	114	60-140	0	
1,1,2-Trichloroethane	ug/L	<23.2	2000	2000	2330	2300	117	115	60-140	1	
1,1-Dichloroethane	ug/L	<24.4	2000	2000	2290	2300	115	115	60-140	0	
1,1-Dichloroethene	ug/L	<21.8	2000	2000	2550	2550	128	127	60-140	0	
1,1-Dichloropropene	ug/L	<34.8	2000	2000	2450	2450	122	123	60-140	0	
1,2,3-Trichlorobenzene	ug/L	<78.1	2000	2000	2130	2300	106	115	60-140	8	
1,2,3-Trichloropropane	ug/L	<27.1	2000	2000	2180	2270	109	113	60-140	4	
1,2,4-Trichlorobenzene	ug/L	<43.6	2000	2000	2160	2360	108	118	60-140	9	
1,2,4-Trimethylbenzene	ug/L	198	2000	2000	2360	2380	108	109	60-140	1	
1,2-Dibromo-3-chloropropane	ug/L	<38.5	2000	2000	2230	2310	111	116	60-140	4	
1,2-Dibromoethane (EDB)	ug/L	<23.1	2000	2000	2410	2400	120	120	60-140	0	
1,2-Dichlorobenzene	ug/L	<24.0	2000	2000	2200	2250	110	113	60-140	2	
1,2-Dichloroethane	ug/L	<26.3	2000	2000	2290	2270	115	114	60-140	1	
1,2-Dichloropropane	ug/L	<18.3	2000	2000	2330	2330	117	116	60-140	0	
1,3,5-Trimethylbenzene	ug/L	<22.7	2000	2000	2400	2410	120	121	60-140	1	
1,3-Dichlorobenzene	ug/L	<25.0	2000	2000	2320	2350	116	117	60-140	1	
1,3-Dichloropropane	ug/L	<34.1	2000	2000	2340	2370	117	119	60-140	1	
1,4-Dichlorobenzene	ug/L	<24.9	2000	2000	2160	2220	108	111	60-140	3	
2,2-Dichloropropane	ug/L	<28.1	2000	2000	2280	2300	114	115	60-140	1	
2-Chlorotoluene	ug/L	<20.7	2000	2000	2240	2320	112	116	60-140	4	
4-Chlorotoluene	ug/L	<20.6	2000	2000	2320	2310	116	116	60-140	0	
Benzene	ug/L	<24.0	2000	2000	2240	2240	112	112	60-140	0	
Bromobenzene	ug/L	<21.5	2000	2000	2240	2240	112	112	60-140	0	
Bromochloromethane	ug/L	<25.8	2000	2000	2460	2400	123	120	60-140	2	
Bromodichloromethane	ug/L	<18.5	2000	2000	2180	2140	109	107	60-140	2	
Bromoform	ug/L	<40.5	2000	2000	2330	2360	117	118	60-140	1	
Bromomethane	ug/L	<172	2000	2000	1570	1840	78	92	60-140	16	
Carbon tetrachloride	ug/L	<23.2	2000	2000	2420	2390	121	119	60-140	2	
Chlorobenzene	ug/L	<22.5	2000	2000	2300	2310	115	116	60-140	1	
Chloroethane	ug/L	<58.5	2000	2000	2320	2290	116	114	60-140	1	
Chloroform	ug/L	<35.3	2000	2000	2210	2220	110	111	60-140	0	
Chloromethane	ug/L	<41.5	2000	2000	1900	1940	95	97	60-140	2	
cis-1,2-Dichloroethene	ug/L	<20.7	2000	2000	2250	2260	113	113	60-140	0	
cis-1,3-Dichloropropene	ug/L	<35.7	2000	2000	2450	2440	123	122	60-140	1	
Dibromochloromethane	ug/L	<40.2	2000	2000	2460	2480	123	124	60-140	1	
Dibromomethane	ug/L	<31.0	2000	2000	2400	2450	120	122	60-140	2	
Dichlorodifluoromethane	ug/L	<28.4	2000	2000	2520	2490	126	124	60-140	1	
Diisopropyl ether	ug/L	105	2000	2000	2250	2190	107	104	60-140	3	
Ethylbenzene	ug/L	<24.0	2000	2000	2400	2420	120	121	60-140	1	
Hexachloro-1,3-butadiene	ug/L	<120	2000	2000	2410	2520	120	126	60-140	4	
Isopropylbenzene (Cumene)	ug/L	<23.8	2000	2000	2440	2460	122	123	60-140	1	
m&p-Xylene	ug/L	86.5J	4000	4000	4940	4960	121	122	60-140	0	
Methyl-tert-butyl ether	ug/L	9630	2000	2000	12400	12400	139	136	60-140	0	
Methylene Chloride	ug/L	<150	2000	2000	2230	2250	112	113	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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516188

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3126816 3126817

Parameter	Units	92515674002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
n-Butylbenzene	ug/L	<35.3	2000	2000	2300	2390	115	120	60-140	4	
n-Propylbenzene	ug/L	<24.1	2000	2000	2420	2420	121	121	60-140	0	
Naphthalene	ug/L	286	2000	2000	2130	2270	92	99	60-140	6	
o-Xylene	ug/L	<23.7	2000	2000	2260	2280	113	114	60-140	1	
sec-Butylbenzene	ug/L	<24.6	2000	2000	2370	2440	119	122	60-140	3	
Styrene	ug/L	<25.6	2000	2000	2360	2390	118	120	60-140	1	
tert-Butylbenzene	ug/L	<25.0	2000	2000	2000	2010	100	100	60-140	1	
Tetrachloroethene	ug/L	<23.2	2000	2000	2400	2420	120	121	60-140	1	
Toluene	ug/L	<22.8	2000	2000	2380	2350	119	117	60-140	1	
trans-1,2-Dichloroethene	ug/L	<25.7	2000	2000	2410	2420	120	121	60-140	0	
trans-1,3-Dichloropropene	ug/L	<39.4	2000	2000	2380	2370	119	118	60-140	0	
Trichloroethene	ug/L	<23.2	2000	2000	2420	2410	121	120	60-140	0	
Trichlorofluoromethane	ug/L	<33.6	2000	2000	2370	2400	119	120	60-140	1	
Vinyl chloride	ug/L	<40.7	2000	2000	2320	2300	116	115	60-140	1	
1,2-Dichloroethane-d4 (S)	%						104	102	70-130		
4-Bromofluorobenzene (S)	%						99	99	70-130		
Toluene-d8 (S)	%						100	99	70-130		

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516188

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516188

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92516188001	**14226_HC_RD_2021112**	EPA 3010A	592280	EPA 6010D	592306
92516188001	**14226_HC_RD_2021112**	SM 6200B	592367		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

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

LAB US

WO# : 92516188

92516188

umber or

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: Andrew.Street@apexcos.com
Copy To:	Site Collection Info/Address: 14226 Huntersville Concord Rd
Customer Project Name/Number: 2020-11-2448 Incident	State: NC / County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Naomi Fretz	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Naomi Fretz	Turnaround Date Required: ASAP Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

Container Preservative Type **

Lab Project Manager:

** 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 _____

* 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	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs 6200B	MADEP VPH	Lead							Lab Profile/Line:
14226_HC_RD_20211112	OW	G	1-12-21	1315				8	X	X	X							92516188 001

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips: 230518AV	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:	Type of Ice Used: Wet Blue Dry None
	Packing Material Used:
	Radchem sample(s) screened (<500 cpm): Y N NA
	SHORT HOLDS PRESENT (<72 hours): Y N N/A
	Lab Tracking #: 2529466
	Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 92106
Cooler 1 Temp Upon Receipt: 5.2 oC
Cooler 1 Therm Corr. Factor: -.4 oC
Cooler 1 Corrected Temp: 5.1 oC
Comments:

Relinquished by/Company: (Signature) Naomi Fretz / Apex	Date/Time: 1-12-21 1630	Received by/Company: (Signature) [illegible] / Apex	Date/Time: 1-12-21 1630
Relinquished by/Company: (Signature) [illegible] / Apex	Date/Time: 1-12-21 1730	Received by/Company: (Signature) IO PACE HV	Date/Time: 1112/21 1730
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

January 19, 2021

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

RE: Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516191

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on January 12, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516191

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516191

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92516191001	**13835_AC_RD_2021112**	EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516191

Sample: 13835_AC_RD_2021112 **Lab ID: 92516191001** Collected: 01/12/21 14:45 Received: 01/12/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	01/13/21 01:55	01/14/21 04:28	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		01/13/21 12:45	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		01/13/21 12:45	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		01/13/21 12:45	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		01/13/21 12:45	75-27-4	
Bromoform	ND	ug/L	0.50	1		01/13/21 12:45	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/13/21 12:45	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		01/13/21 12:45	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		01/13/21 12:45	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		01/13/21 12:45	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		01/13/21 12:45	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		01/13/21 12:45	108-90-7	
Chloroethane	ND	ug/L	1.0	1		01/13/21 12:45	75-00-3	
Chloroform	ND	ug/L	0.50	1		01/13/21 12:45	67-66-3	
Chloromethane	ND	ug/L	1.0	1		01/13/21 12:45	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		01/13/21 12:45	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		01/13/21 12:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		01/13/21 12:45	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		01/13/21 12:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		01/13/21 12:45	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		01/13/21 12:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		01/13/21 12:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		01/13/21 12:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		01/13/21 12:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		01/13/21 12:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		01/13/21 12:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		01/13/21 12:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		01/13/21 12:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		01/13/21 12:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		01/13/21 12:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		01/13/21 12:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		01/13/21 12:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		01/13/21 12:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		01/13/21 12:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		01/13/21 12:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		01/13/21 12:45	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		01/13/21 12:45	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		01/13/21 12:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		01/13/21 12:45	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		01/13/21 12:45	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		01/13/21 12:45	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		01/13/21 12:45	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		01/13/21 12:45	91-20-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516191

Sample: 13835_AC_RD_2021112 **Lab ID: 92516191001** Collected: 01/12/21 14:45 Received: 01/12/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
n-Propylbenzene	ND	ug/L	0.50	1		01/13/21 12:45	103-65-1	
Styrene	ND	ug/L	0.50	1		01/13/21 12:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		01/13/21 12:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		01/13/21 12:45	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		01/13/21 12:45	127-18-4	
Toluene	ND	ug/L	0.50	1		01/13/21 12:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		01/13/21 12:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		01/13/21 12:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		01/13/21 12:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		01/13/21 12:45	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		01/13/21 12:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		01/13/21 12:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		01/13/21 12:45	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		01/13/21 12:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		01/13/21 12:45	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		01/13/21 12:45	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		01/13/21 12:45	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		01/13/21 12:45	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		01/13/21 12:45	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130	1		01/13/21 12:45	460-00-4	
Toluene-d8 (S)	99	%	70-130	1		01/13/21 12:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516191

QC Batch: 592280
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92516191001

METHOD BLANK: 3126590 Matrix: Water
Associated Lab Samples: 92516191001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	01/14/21 16:03	

LABORATORY CONTROL SAMPLE: 3126591

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	490	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3126592 3126593

Parameter	Units	92515806001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Lead	ug/L	63.3	500	500	455	469	78	81	75-125	3	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516191

QC Batch: 592367
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92516191001

METHOD BLANK: 3126814 Matrix: Water
Associated Lab Samples: 92516191001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1,1-Trichloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1,2-Trichloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1-Dichloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1-Dichloroethene	ug/L	ND	0.50	01/13/21 10:39	
1,1-Dichloropropene	ug/L	ND	0.50	01/13/21 10:39	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	01/13/21 10:39	
1,2,3-Trichloropropane	ug/L	ND	0.50	01/13/21 10:39	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	01/13/21 10:39	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	01/13/21 10:39	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	01/13/21 10:39	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	01/13/21 10:39	
1,2-Dichlorobenzene	ug/L	ND	0.50	01/13/21 10:39	
1,2-Dichloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,2-Dichloropropane	ug/L	ND	0.50	01/13/21 10:39	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	01/13/21 10:39	
1,3-Dichlorobenzene	ug/L	ND	0.50	01/13/21 10:39	
1,3-Dichloropropane	ug/L	ND	0.50	01/13/21 10:39	
1,4-Dichlorobenzene	ug/L	ND	0.50	01/13/21 10:39	
2,2-Dichloropropane	ug/L	ND	0.50	01/13/21 10:39	
2-Chlorotoluene	ug/L	ND	0.50	01/13/21 10:39	
4-Chlorotoluene	ug/L	ND	0.50	01/13/21 10:39	
Benzene	ug/L	ND	0.50	01/13/21 10:39	
Bromobenzene	ug/L	ND	0.50	01/13/21 10:39	
Bromochloromethane	ug/L	ND	0.50	01/13/21 10:39	
Bromodichloromethane	ug/L	ND	0.50	01/13/21 10:39	
Bromoform	ug/L	ND	0.50	01/13/21 10:39	
Bromomethane	ug/L	ND	5.0	01/13/21 10:39	
Carbon tetrachloride	ug/L	ND	0.50	01/13/21 10:39	
Chlorobenzene	ug/L	ND	0.50	01/13/21 10:39	
Chloroethane	ug/L	ND	1.0	01/13/21 10:39	
Chloroform	ug/L	ND	0.50	01/13/21 10:39	
Chloromethane	ug/L	ND	1.0	01/13/21 10:39	
cis-1,2-Dichloroethene	ug/L	ND	0.50	01/13/21 10:39	
cis-1,3-Dichloropropene	ug/L	ND	0.50	01/13/21 10:39	
Dibromochloromethane	ug/L	ND	0.50	01/13/21 10:39	
Dibromomethane	ug/L	ND	0.50	01/13/21 10:39	
Dichlorodifluoromethane	ug/L	ND	0.50	01/13/21 10:39	
Diisopropyl ether	ug/L	ND	0.50	01/13/21 10:39	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516191

METHOD BLANK: 3126814 Matrix: Water
Associated Lab Samples: 92516191001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	01/13/21 10:39	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	01/13/21 10:39	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	01/13/21 10:39	
m&p-Xylene	ug/L	ND	1.0	01/13/21 10:39	
Methyl-tert-butyl ether	ug/L	ND	0.50	01/13/21 10:39	
Methylene Chloride	ug/L	ND	2.0	01/13/21 10:39	
n-Butylbenzene	ug/L	ND	0.50	01/13/21 10:39	
n-Propylbenzene	ug/L	ND	0.50	01/13/21 10:39	
Naphthalene	ug/L	ND	2.0	01/13/21 10:39	
o-Xylene	ug/L	ND	0.50	01/13/21 10:39	
sec-Butylbenzene	ug/L	ND	0.50	01/13/21 10:39	
Styrene	ug/L	ND	0.50	01/13/21 10:39	
tert-Butylbenzene	ug/L	ND	0.50	01/13/21 10:39	
Tetrachloroethene	ug/L	ND	0.50	01/13/21 10:39	
Toluene	ug/L	ND	0.50	01/13/21 10:39	
trans-1,2-Dichloroethene	ug/L	ND	0.50	01/13/21 10:39	
trans-1,3-Dichloropropene	ug/L	ND	0.50	01/13/21 10:39	
Trichloroethene	ug/L	ND	0.50	01/13/21 10:39	
Trichlorofluoromethane	ug/L	ND	1.0	01/13/21 10:39	
Vinyl chloride	ug/L	ND	1.0	01/13/21 10:39	
1,2-Dichloroethane-d4 (S)	%	100	70-130	01/13/21 10:39	
4-Bromofluorobenzene (S)	%	97	70-130	01/13/21 10:39	
Toluene-d8 (S)	%	99	70-130	01/13/21 10:39	

LABORATORY CONTROL SAMPLE: 3126815

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	56.3	113	60-140	
1,1,1-Trichloroethane	ug/L	50	52.9	106	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	55.9	112	60-140	
1,1,2-Trichloroethane	ug/L	50	55.7	111	60-140	
1,1-Dichloroethane	ug/L	50	51.5	103	60-140	
1,1-Dichloroethene	ug/L	50	53.8	108	60-140	
1,1-Dichloropropene	ug/L	50	52.2	104	60-140	
1,2,3-Trichlorobenzene	ug/L	50	56.8	114	60-140	
1,2,3-Trichloropropane	ug/L	50	54.5	109	60-140	
1,2,4-Trichlorobenzene	ug/L	50	57.9	116	60-140	
1,2,4-Trimethylbenzene	ug/L	50	56.0	112	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	61.2	122	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	58.2	116	60-140	
1,2-Dichlorobenzene	ug/L	50	54.1	108	60-140	
1,2-Dichloroethane	ug/L	50	52.1	104	60-140	
1,2-Dichloropropane	ug/L	50	54.7	109	60-140	
1,3,5-Trimethylbenzene	ug/L	50	56.4	113	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516191

LABORATORY CONTROL SAMPLE: 3126815

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	57.4	115	60-140	
1,3-Dichloropropane	ug/L	50	56.8	114	60-140	
1,4-Dichlorobenzene	ug/L	50	53.9	108	60-140	
2,2-Dichloropropane	ug/L	50	57.9	116	60-140	
2-Chlorotoluene	ug/L	50	53.2	106	60-140	
4-Chlorotoluene	ug/L	50	56.3	113	60-140	
Benzene	ug/L	50	52.0	104	60-140	
Bromobenzene	ug/L	50	53.1	106	60-140	
Bromochloromethane	ug/L	50	55.9	112	60-140	
Bromodichloromethane	ug/L	50	51.5	103	60-140	
Bromoform	ug/L	50	60.0	120	60-140	
Bromomethane	ug/L	50	39.5	79	60-140	
Carbon tetrachloride	ug/L	50	52.7	105	60-140	
Chlorobenzene	ug/L	50	54.0	108	60-140	
Chloroethane	ug/L	50	37.6	75	60-140	
Chloroform	ug/L	50	51.5	103	60-140	
Chloromethane	ug/L	50	43.2	86	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.9	102	60-140	
cis-1,3-Dichloropropene	ug/L	50	58.9	118	60-140	
Dibromochloromethane	ug/L	50	60.7	121	60-140	
Dibromomethane	ug/L	50	57.6	115	60-140	
Dichlorodifluoromethane	ug/L	50	53.6	107	60-140	
Diisopropyl ether	ug/L	50	48.9	98	60-140	
Ethylbenzene	ug/L	50	56.3	113	60-140	
Hexachloro-1,3-butadiene	ug/L	50	59.3	119	60-140	
Isopropylbenzene (Cumene)	ug/L	50	56.6	113	60-140	
m&p-Xylene	ug/L	100	116	116	60-140	
Methyl-tert-butyl ether	ug/L	50	52.6	105	60-140	
Methylene Chloride	ug/L	50	49.0	98	60-140	
n-Butylbenzene	ug/L	50	57.6	115	60-140	
n-Propylbenzene	ug/L	50	56.3	113	60-140	
Naphthalene	ug/L	50	57.7	115	60-140	
o-Xylene	ug/L	50	53.3	107	60-140	
sec-Butylbenzene	ug/L	50	56.0	112	60-140	
Styrene	ug/L	50	57.1	114	60-140	
tert-Butylbenzene	ug/L	50	46.5	93	60-140	
Tetrachloroethene	ug/L	50	56.2	112	60-140	
Toluene	ug/L	50	54.8	110	60-140	
trans-1,2-Dichloroethene	ug/L	50	53.5	107	60-140	
trans-1,3-Dichloropropene	ug/L	50	58.3	117	60-140	
Trichloroethene	ug/L	50	55.6	111	60-140	
Trichlorofluoromethane	ug/L	50	46.3	93	60-140	
Vinyl chloride	ug/L	50	49.7	99	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516191

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3126816 3126817

Parameter	Units	92515674002 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	<42.2	2000	2000	2340	2370	117	119	60-140	1	
1,1,1-Trichloroethane	ug/L	<27.8	2000	2000	2360	2310	118	116	60-140	2	
1,1,2,2-Tetrachloroethane	ug/L	<19.3	2000	2000	2290	2280	114	114	60-140	0	
1,1,2-Trichloroethane	ug/L	<23.2	2000	2000	2330	2300	117	115	60-140	1	
1,1-Dichloroethane	ug/L	<24.4	2000	2000	2290	2300	115	115	60-140	0	
1,1-Dichloroethene	ug/L	<21.8	2000	2000	2550	2550	128	127	60-140	0	
1,1-Dichloropropene	ug/L	<34.8	2000	2000	2450	2450	122	123	60-140	0	
1,2,3-Trichlorobenzene	ug/L	<78.1	2000	2000	2130	2300	106	115	60-140	8	
1,2,3-Trichloropropane	ug/L	<27.1	2000	2000	2180	2270	109	113	60-140	4	
1,2,4-Trichlorobenzene	ug/L	<43.6	2000	2000	2160	2360	108	118	60-140	9	
1,2,4-Trimethylbenzene	ug/L	198	2000	2000	2360	2380	108	109	60-140	1	
1,2-Dibromo-3-chloropropane	ug/L	<38.5	2000	2000	2230	2310	111	116	60-140	4	
1,2-Dibromoethane (EDB)	ug/L	<23.1	2000	2000	2410	2400	120	120	60-140	0	
1,2-Dichlorobenzene	ug/L	<24.0	2000	2000	2200	2250	110	113	60-140	2	
1,2-Dichloroethane	ug/L	<26.3	2000	2000	2290	2270	115	114	60-140	1	
1,2-Dichloropropane	ug/L	<18.3	2000	2000	2330	2330	117	116	60-140	0	
1,3,5-Trimethylbenzene	ug/L	<22.7	2000	2000	2400	2410	120	121	60-140	1	
1,3-Dichlorobenzene	ug/L	<25.0	2000	2000	2320	2350	116	117	60-140	1	
1,3-Dichloropropane	ug/L	<34.1	2000	2000	2340	2370	117	119	60-140	1	
1,4-Dichlorobenzene	ug/L	<24.9	2000	2000	2160	2220	108	111	60-140	3	
2,2-Dichloropropane	ug/L	<28.1	2000	2000	2280	2300	114	115	60-140	1	
2-Chlorotoluene	ug/L	<20.7	2000	2000	2240	2320	112	116	60-140	4	
4-Chlorotoluene	ug/L	<20.6	2000	2000	2320	2310	116	116	60-140	0	
Benzene	ug/L	<24.0	2000	2000	2240	2240	112	112	60-140	0	
Bromobenzene	ug/L	<21.5	2000	2000	2240	2240	112	112	60-140	0	
Bromochloromethane	ug/L	<25.8	2000	2000	2460	2400	123	120	60-140	2	
Bromodichloromethane	ug/L	<18.5	2000	2000	2180	2140	109	107	60-140	2	
Bromoform	ug/L	<40.5	2000	2000	2330	2360	117	118	60-140	1	
Bromomethane	ug/L	<172	2000	2000	1570	1840	78	92	60-140	16	
Carbon tetrachloride	ug/L	<23.2	2000	2000	2420	2390	121	119	60-140	2	
Chlorobenzene	ug/L	<22.5	2000	2000	2300	2310	115	116	60-140	1	
Chloroethane	ug/L	<58.5	2000	2000	2320	2290	116	114	60-140	1	
Chloroform	ug/L	<35.3	2000	2000	2210	2220	110	111	60-140	0	
Chloromethane	ug/L	<41.5	2000	2000	1900	1940	95	97	60-140	2	
cis-1,2-Dichloroethene	ug/L	<20.7	2000	2000	2250	2260	113	113	60-140	0	
cis-1,3-Dichloropropene	ug/L	<35.7	2000	2000	2450	2440	123	122	60-140	1	
Dibromochloromethane	ug/L	<40.2	2000	2000	2460	2480	123	124	60-140	1	
Dibromomethane	ug/L	<31.0	2000	2000	2400	2450	120	122	60-140	2	
Dichlorodifluoromethane	ug/L	<28.4	2000	2000	2520	2490	126	124	60-140	1	
Diisopropyl ether	ug/L	105	2000	2000	2250	2190	107	104	60-140	3	
Ethylbenzene	ug/L	<24.0	2000	2000	2400	2420	120	121	60-140	1	
Hexachloro-1,3-butadiene	ug/L	<120	2000	2000	2410	2520	120	126	60-140	4	
Isopropylbenzene (Cumene)	ug/L	<23.8	2000	2000	2440	2460	122	123	60-140	1	
m&p-Xylene	ug/L	86.5J	4000	4000	4940	4960	121	122	60-140	0	
Methyl-tert-butyl ether	ug/L	9630	2000	2000	12400	12400	139	136	60-140	0	
Methylene Chloride	ug/L	<150	2000	2000	2230	2250	112	113	60-140	1	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516191

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3126816 3126817

Parameter	Units	92515674002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
n-Butylbenzene	ug/L	<35.3	2000	2000	2300	2390	115	120	60-140	4	
n-Propylbenzene	ug/L	<24.1	2000	2000	2420	2420	121	121	60-140	0	
Naphthalene	ug/L	286	2000	2000	2130	2270	92	99	60-140	6	
o-Xylene	ug/L	<23.7	2000	2000	2260	2280	113	114	60-140	1	
sec-Butylbenzene	ug/L	<24.6	2000	2000	2370	2440	119	122	60-140	3	
Styrene	ug/L	<25.6	2000	2000	2360	2390	118	120	60-140	1	
tert-Butylbenzene	ug/L	<25.0	2000	2000	2000	2010	100	100	60-140	1	
Tetrachloroethene	ug/L	<23.2	2000	2000	2400	2420	120	121	60-140	1	
Toluene	ug/L	<22.8	2000	2000	2380	2350	119	117	60-140	1	
trans-1,2-Dichloroethene	ug/L	<25.7	2000	2000	2410	2420	120	121	60-140	0	
trans-1,3-Dichloropropene	ug/L	<39.4	2000	2000	2380	2370	119	118	60-140	0	
Trichloroethene	ug/L	<23.2	2000	2000	2420	2410	121	120	60-140	0	
Trichlorofluoromethane	ug/L	<33.6	2000	2000	2370	2400	119	120	60-140	1	
Vinyl chloride	ug/L	<40.7	2000	2000	2320	2300	116	115	60-140	1	
1,2-Dichloroethane-d4 (S)	%						104	102	70-130		
4-Bromofluorobenzene (S)	%						99	99	70-130		
Toluene-d8 (S)	%						100	99	70-130		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516191

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516191

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92516191001	**13835_AC_RD_2021112**	EPA 3010A	592280	EPA 6010D	592306
92516191001	**13835_AC_RD_2021112**	SM 6200B	592367		

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ONLY

WO# : 92516191

92516191

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: Andrew.Street@apexcos.com
Copy To:	Site Collection Info/Address: 13835 Asburg Chapel
Customer Project Name/Number: 2020-U-2448 Incident	State: NC County/City: Huntersville Time Zone Collected: [ ]PT [ ]MT [ ]CT [ ]ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Naomi Fretz	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Naomi Fretz	Turnaround Date Required: ASAP Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

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

Container Pr...

** 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 Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs 6200B	MADEP VPH	Lead
13835 ACRD 20211212	DW	G	1-12-21	1445				8	X	X	X

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y (N) NA
Custody Signatures Present	(Y) N NA
Collector Signature Present	(Y) N NA
Bottles Intact	(Y) N NA
Correct Bottles	(Y) N NA
Sufficient Volume	(Y) N NA
Samples Received on Ice	(Y) N NA
VOA - Headspace Acceptable	(Y) N NA
USDA Regulated Soils	Y N (NA)
Samples in Holding Time	(Y) N NA
Residual Chlorine Present	Y N (NA)
Cl Strips: CSCI8AV	
Sample pH Acceptable	(Y) N NA
pH Strips:	
Sulfide Present	Y N (NA)
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:
92516191 001

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used:

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

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

Lab Tracking #: 2529463

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N (NA)
Therm ID#: S21064
Cooler 1 Temp Upon Receipt: 5.2 oC
Cooler 1 Therm Corr. Factor: -0.1 oC
Cooler 1 Corrected Temp: 5.1 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Fretz / Apex	1-12-21 1630	[signature] / Apex	1-12-21/1630
[signature] / Apex	1-12-21/1730	TO PACE HL	1/12/21 1730

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y (N) NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

January 19, 2021

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

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92516192

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on January 12, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92516192

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92516192

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92516192001	**DUP-1**	EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92516192002	**FB-1**	EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92516192003	**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: 2020-L1-2448 Incident
Pace Project No.: 92516192

Sample: DUP-1 **Lab ID: 92516192001** Collected: 01/12/21 00:00 Received: 01/12/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	01/13/21 01:55	01/14/21 04:31	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		01/13/21 13:03	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		01/13/21 13:03	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		01/13/21 13:03	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		01/13/21 13:03	75-27-4	
Bromoform	ND	ug/L	0.50	1		01/13/21 13:03	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/13/21 13:03	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		01/13/21 13:03	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		01/13/21 13:03	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		01/13/21 13:03	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		01/13/21 13:03	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		01/13/21 13:03	108-90-7	
Chloroethane	ND	ug/L	1.0	1		01/13/21 13:03	75-00-3	
Chloroform	ND	ug/L	0.50	1		01/13/21 13:03	67-66-3	
Chloromethane	ND	ug/L	1.0	1		01/13/21 13:03	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		01/13/21 13:03	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		01/13/21 13:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		01/13/21 13:03	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		01/13/21 13:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		01/13/21 13:03	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		01/13/21 13:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		01/13/21 13:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		01/13/21 13:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		01/13/21 13:03	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		01/13/21 13:03	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		01/13/21 13:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		01/13/21 13:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		01/13/21 13:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		01/13/21 13:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		01/13/21 13:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		01/13/21 13:03	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		01/13/21 13:03	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		01/13/21 13:03	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		01/13/21 13:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		01/13/21 13:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		01/13/21 13:03	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		01/13/21 13:03	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		01/13/21 13:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		01/13/21 13:03	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		01/13/21 13:03	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		01/13/21 13:03	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		01/13/21 13:03	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		01/13/21 13:03	91-20-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92516192

Sample: DUP-1 **Lab ID: 92516192001** Collected: 01/12/21 00:00 Received: 01/12/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
n-Propylbenzene	ND	ug/L	0.50	1		01/13/21 13:03	103-65-1	
Styrene	ND	ug/L	0.50	1		01/13/21 13:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		01/13/21 13:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		01/13/21 13:03	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		01/13/21 13:03	127-18-4	
Toluene	ND	ug/L	0.50	1		01/13/21 13:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		01/13/21 13:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		01/13/21 13:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		01/13/21 13:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		01/13/21 13:03	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		01/13/21 13:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		01/13/21 13:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		01/13/21 13:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		01/13/21 13:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		01/13/21 13:03	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		01/13/21 13:03	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		01/13/21 13:03	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		01/13/21 13:03	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		01/13/21 13:03	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130	1		01/13/21 13:03	460-00-4	
Toluene-d8 (S)	99	%	70-130	1		01/13/21 13:03	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92516192

Sample: FB-1 **Lab ID: 92516192002** Collected: 01/12/21 00:00 Received: 01/12/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	01/13/21 01:55	01/14/21 04:41	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		01/13/21 11:15	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		01/13/21 11:15	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		01/13/21 11:15	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		01/13/21 11:15	75-27-4	
Bromoform	ND	ug/L	0.50	1		01/13/21 11:15	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/13/21 11:15	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		01/13/21 11:15	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		01/13/21 11:15	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		01/13/21 11:15	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		01/13/21 11:15	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		01/13/21 11:15	108-90-7	
Chloroethane	ND	ug/L	1.0	1		01/13/21 11:15	75-00-3	
Chloroform	ND	ug/L	0.50	1		01/13/21 11:15	67-66-3	
Chloromethane	ND	ug/L	1.0	1		01/13/21 11:15	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		01/13/21 11:15	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		01/13/21 11:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		01/13/21 11:15	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		01/13/21 11:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		01/13/21 11:15	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		01/13/21 11:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		01/13/21 11:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		01/13/21 11:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		01/13/21 11:15	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		01/13/21 11:15	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		01/13/21 11:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		01/13/21 11:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		01/13/21 11:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		01/13/21 11:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		01/13/21 11:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		01/13/21 11:15	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		01/13/21 11:15	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		01/13/21 11:15	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		01/13/21 11:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		01/13/21 11:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		01/13/21 11:15	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		01/13/21 11:15	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		01/13/21 11:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		01/13/21 11:15	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		01/13/21 11:15	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		01/13/21 11:15	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		01/13/21 11:15	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		01/13/21 11:15	91-20-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92516192

Sample: FB-1 **Lab ID: 92516192002** Collected: 01/12/21 00:00 Received: 01/12/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
n-Propylbenzene	ND	ug/L	0.50	1		01/13/21 11:15	103-65-1	
Styrene	ND	ug/L	0.50	1		01/13/21 11:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		01/13/21 11:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		01/13/21 11:15	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		01/13/21 11:15	127-18-4	
Toluene	ND	ug/L	0.50	1		01/13/21 11:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		01/13/21 11:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		01/13/21 11:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		01/13/21 11:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		01/13/21 11:15	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		01/13/21 11:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		01/13/21 11:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		01/13/21 11:15	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		01/13/21 11:15	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		01/13/21 11:15	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		01/13/21 11:15	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		01/13/21 11:15	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		01/13/21 11:15	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		01/13/21 11:15	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130	1		01/13/21 11:15	460-00-4	
Toluene-d8 (S)	98	%	70-130	1		01/13/21 11:15	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92516192

Sample: Trip Blank **Lab ID: 92516192003** Collected: 01/12/21 00:00 Received: 01/12/21 17:30 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		01/13/21 11:33	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		01/13/21 11:33	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		01/13/21 11:33	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		01/13/21 11:33	75-27-4	
Bromoform	ND	ug/L	0.50	1		01/13/21 11:33	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/13/21 11:33	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		01/13/21 11:33	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		01/13/21 11:33	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		01/13/21 11:33	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		01/13/21 11:33	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		01/13/21 11:33	108-90-7	
Chloroethane	ND	ug/L	1.0	1		01/13/21 11:33	75-00-3	
Chloroform	ND	ug/L	0.50	1		01/13/21 11:33	67-66-3	
Chloromethane	ND	ug/L	1.0	1		01/13/21 11:33	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		01/13/21 11:33	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		01/13/21 11:33	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		01/13/21 11:33	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		01/13/21 11:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		01/13/21 11:33	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		01/13/21 11:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		01/13/21 11:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		01/13/21 11:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		01/13/21 11:33	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		01/13/21 11:33	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		01/13/21 11:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		01/13/21 11:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		01/13/21 11:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		01/13/21 11:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		01/13/21 11:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		01/13/21 11:33	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		01/13/21 11:33	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		01/13/21 11:33	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		01/13/21 11:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		01/13/21 11:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		01/13/21 11:33	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		01/13/21 11:33	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		01/13/21 11:33	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		01/13/21 11:33	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		01/13/21 11:33	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		01/13/21 11:33	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		01/13/21 11:33	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		01/13/21 11:33	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		01/13/21 11:33	103-65-1	
Styrene	ND	ug/L	0.50	1		01/13/21 11:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		01/13/21 11:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		01/13/21 11:33	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92516192

Sample: Trip Blank **Lab ID: 92516192003** Collected: 01/12/21 00:00 Received: 01/12/21 17:30 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		01/13/21 11:33	127-18-4	
Toluene	ND	ug/L	0.50	1		01/13/21 11:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		01/13/21 11:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		01/13/21 11:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		01/13/21 11:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		01/13/21 11:33	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		01/13/21 11:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		01/13/21 11:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		01/13/21 11:33	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		01/13/21 11:33	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		01/13/21 11:33	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		01/13/21 11:33	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		01/13/21 11:33	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		01/13/21 11:33	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		01/13/21 11:33	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130	1		01/13/21 11:33	460-00-4	
Toluene-d8 (S)	99	%	70-130	1		01/13/21 11:33	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92516192

QC Batch: 592280
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92516192001, 92516192002

METHOD BLANK: 3126590 Matrix: Water
Associated Lab Samples: 92516192001, 92516192002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	01/14/21 16:03	

LABORATORY CONTROL SAMPLE: 3126591

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	490	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3126592 3126593

Parameter	Units	92515806001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Lead	ug/L	63.3	500	500	455	469	78	81	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.: 92516192

QC Batch: 592367
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92516192001, 92516192002, 92516192003

METHOD BLANK: 3126814 Matrix: Water
Associated Lab Samples: 92516192001, 92516192002, 92516192003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1,1-Trichloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1,2-Trichloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1-Dichloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1-Dichloroethene	ug/L	ND	0.50	01/13/21 10:39	
1,1-Dichloropropene	ug/L	ND	0.50	01/13/21 10:39	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	01/13/21 10:39	
1,2,3-Trichloropropane	ug/L	ND	0.50	01/13/21 10:39	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	01/13/21 10:39	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	01/13/21 10:39	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	01/13/21 10:39	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	01/13/21 10:39	
1,2-Dichlorobenzene	ug/L	ND	0.50	01/13/21 10:39	
1,2-Dichloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,2-Dichloropropane	ug/L	ND	0.50	01/13/21 10:39	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	01/13/21 10:39	
1,3-Dichlorobenzene	ug/L	ND	0.50	01/13/21 10:39	
1,3-Dichloropropane	ug/L	ND	0.50	01/13/21 10:39	
1,4-Dichlorobenzene	ug/L	ND	0.50	01/13/21 10:39	
2,2-Dichloropropane	ug/L	ND	0.50	01/13/21 10:39	
2-Chlorotoluene	ug/L	ND	0.50	01/13/21 10:39	
4-Chlorotoluene	ug/L	ND	0.50	01/13/21 10:39	
Benzene	ug/L	ND	0.50	01/13/21 10:39	
Bromobenzene	ug/L	ND	0.50	01/13/21 10:39	
Bromochloromethane	ug/L	ND	0.50	01/13/21 10:39	
Bromodichloromethane	ug/L	ND	0.50	01/13/21 10:39	
Bromoform	ug/L	ND	0.50	01/13/21 10:39	
Bromomethane	ug/L	ND	5.0	01/13/21 10:39	
Carbon tetrachloride	ug/L	ND	0.50	01/13/21 10:39	
Chlorobenzene	ug/L	ND	0.50	01/13/21 10:39	
Chloroethane	ug/L	ND	1.0	01/13/21 10:39	
Chloroform	ug/L	ND	0.50	01/13/21 10:39	
Chloromethane	ug/L	ND	1.0	01/13/21 10:39	
cis-1,2-Dichloroethene	ug/L	ND	0.50	01/13/21 10:39	
cis-1,3-Dichloropropene	ug/L	ND	0.50	01/13/21 10:39	
Dibromochloromethane	ug/L	ND	0.50	01/13/21 10:39	
Dibromomethane	ug/L	ND	0.50	01/13/21 10:39	
Dichlorodifluoromethane	ug/L	ND	0.50	01/13/21 10:39	
Diisopropyl ether	ug/L	ND	0.50	01/13/21 10:39	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92516192

METHOD BLANK: 3126814 Matrix: Water
Associated Lab Samples: 92516192001, 92516192002, 92516192003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	01/13/21 10:39	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	01/13/21 10:39	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	01/13/21 10:39	
m&p-Xylene	ug/L	ND	1.0	01/13/21 10:39	
Methyl-tert-butyl ether	ug/L	ND	0.50	01/13/21 10:39	
Methylene Chloride	ug/L	ND	2.0	01/13/21 10:39	
n-Butylbenzene	ug/L	ND	0.50	01/13/21 10:39	
n-Propylbenzene	ug/L	ND	0.50	01/13/21 10:39	
Naphthalene	ug/L	ND	2.0	01/13/21 10:39	
o-Xylene	ug/L	ND	0.50	01/13/21 10:39	
sec-Butylbenzene	ug/L	ND	0.50	01/13/21 10:39	
Styrene	ug/L	ND	0.50	01/13/21 10:39	
tert-Butylbenzene	ug/L	ND	0.50	01/13/21 10:39	
Tetrachloroethene	ug/L	ND	0.50	01/13/21 10:39	
Toluene	ug/L	ND	0.50	01/13/21 10:39	
trans-1,2-Dichloroethene	ug/L	ND	0.50	01/13/21 10:39	
trans-1,3-Dichloropropene	ug/L	ND	0.50	01/13/21 10:39	
Trichloroethene	ug/L	ND	0.50	01/13/21 10:39	
Trichlorofluoromethane	ug/L	ND	1.0	01/13/21 10:39	
Vinyl chloride	ug/L	ND	1.0	01/13/21 10:39	
1,2-Dichloroethane-d4 (S)	%	100	70-130	01/13/21 10:39	
4-Bromofluorobenzene (S)	%	97	70-130	01/13/21 10:39	
Toluene-d8 (S)	%	99	70-130	01/13/21 10:39	

LABORATORY CONTROL SAMPLE: 3126815

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	56.3	113	60-140	
1,1,1-Trichloroethane	ug/L	50	52.9	106	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	55.9	112	60-140	
1,1,2-Trichloroethane	ug/L	50	55.7	111	60-140	
1,1-Dichloroethane	ug/L	50	51.5	103	60-140	
1,1-Dichloroethene	ug/L	50	53.8	108	60-140	
1,1-Dichloropropene	ug/L	50	52.2	104	60-140	
1,2,3-Trichlorobenzene	ug/L	50	56.8	114	60-140	
1,2,3-Trichloropropane	ug/L	50	54.5	109	60-140	
1,2,4-Trichlorobenzene	ug/L	50	57.9	116	60-140	
1,2,4-Trimethylbenzene	ug/L	50	56.0	112	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	61.2	122	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	58.2	116	60-140	
1,2-Dichlorobenzene	ug/L	50	54.1	108	60-140	
1,2-Dichloroethane	ug/L	50	52.1	104	60-140	
1,2-Dichloropropane	ug/L	50	54.7	109	60-140	
1,3,5-Trimethylbenzene	ug/L	50	56.4	113	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.: 92516192

LABORATORY CONTROL SAMPLE: 3126815

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	57.4	115	60-140	
1,3-Dichloropropane	ug/L	50	56.8	114	60-140	
1,4-Dichlorobenzene	ug/L	50	53.9	108	60-140	
2,2-Dichloropropane	ug/L	50	57.9	116	60-140	
2-Chlorotoluene	ug/L	50	53.2	106	60-140	
4-Chlorotoluene	ug/L	50	56.3	113	60-140	
Benzene	ug/L	50	52.0	104	60-140	
Bromobenzene	ug/L	50	53.1	106	60-140	
Bromochloromethane	ug/L	50	55.9	112	60-140	
Bromodichloromethane	ug/L	50	51.5	103	60-140	
Bromoform	ug/L	50	60.0	120	60-140	
Bromomethane	ug/L	50	39.5	79	60-140	
Carbon tetrachloride	ug/L	50	52.7	105	60-140	
Chlorobenzene	ug/L	50	54.0	108	60-140	
Chloroethane	ug/L	50	37.6	75	60-140	
Chloroform	ug/L	50	51.5	103	60-140	
Chloromethane	ug/L	50	43.2	86	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.9	102	60-140	
cis-1,3-Dichloropropene	ug/L	50	58.9	118	60-140	
Dibromochloromethane	ug/L	50	60.7	121	60-140	
Dibromomethane	ug/L	50	57.6	115	60-140	
Dichlorodifluoromethane	ug/L	50	53.6	107	60-140	
Diisopropyl ether	ug/L	50	48.9	98	60-140	
Ethylbenzene	ug/L	50	56.3	113	60-140	
Hexachloro-1,3-butadiene	ug/L	50	59.3	119	60-140	
Isopropylbenzene (Cumene)	ug/L	50	56.6	113	60-140	
m&p-Xylene	ug/L	100	116	116	60-140	
Methyl-tert-butyl ether	ug/L	50	52.6	105	60-140	
Methylene Chloride	ug/L	50	49.0	98	60-140	
n-Butylbenzene	ug/L	50	57.6	115	60-140	
n-Propylbenzene	ug/L	50	56.3	113	60-140	
Naphthalene	ug/L	50	57.7	115	60-140	
o-Xylene	ug/L	50	53.3	107	60-140	
sec-Butylbenzene	ug/L	50	56.0	112	60-140	
Styrene	ug/L	50	57.1	114	60-140	
tert-Butylbenzene	ug/L	50	46.5	93	60-140	
Tetrachloroethene	ug/L	50	56.2	112	60-140	
Toluene	ug/L	50	54.8	110	60-140	
trans-1,2-Dichloroethene	ug/L	50	53.5	107	60-140	
trans-1,3-Dichloropropene	ug/L	50	58.3	117	60-140	
Trichloroethene	ug/L	50	55.6	111	60-140	
Trichlorofluoromethane	ug/L	50	46.3	93	60-140	
Vinyl chloride	ug/L	50	49.7	99	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			101	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.: 92516192

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3126816 3126817

Parameter	Units	92515674002 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	<42.2	2000	2000	2340	2370	117	119	60-140	1	
1,1,1-Trichloroethane	ug/L	<27.8	2000	2000	2360	2310	118	116	60-140	2	
1,1,2,2-Tetrachloroethane	ug/L	<19.3	2000	2000	2290	2280	114	114	60-140	0	
1,1,2-Trichloroethane	ug/L	<23.2	2000	2000	2330	2300	117	115	60-140	1	
1,1-Dichloroethane	ug/L	<24.4	2000	2000	2290	2300	115	115	60-140	0	
1,1-Dichloroethene	ug/L	<21.8	2000	2000	2550	2550	128	127	60-140	0	
1,1-Dichloropropene	ug/L	<34.8	2000	2000	2450	2450	122	123	60-140	0	
1,2,3-Trichlorobenzene	ug/L	<78.1	2000	2000	2130	2300	106	115	60-140	8	
1,2,3-Trichloropropane	ug/L	<27.1	2000	2000	2180	2270	109	113	60-140	4	
1,2,4-Trichlorobenzene	ug/L	<43.6	2000	2000	2160	2360	108	118	60-140	9	
1,2,4-Trimethylbenzene	ug/L	198	2000	2000	2360	2380	108	109	60-140	1	
1,2-Dibromo-3-chloropropane	ug/L	<38.5	2000	2000	2230	2310	111	116	60-140	4	
1,2-Dibromoethane (EDB)	ug/L	<23.1	2000	2000	2410	2400	120	120	60-140	0	
1,2-Dichlorobenzene	ug/L	<24.0	2000	2000	2200	2250	110	113	60-140	2	
1,2-Dichloroethane	ug/L	<26.3	2000	2000	2290	2270	115	114	60-140	1	
1,2-Dichloropropane	ug/L	<18.3	2000	2000	2330	2330	117	116	60-140	0	
1,3,5-Trimethylbenzene	ug/L	<22.7	2000	2000	2400	2410	120	121	60-140	1	
1,3-Dichlorobenzene	ug/L	<25.0	2000	2000	2320	2350	116	117	60-140	1	
1,3-Dichloropropane	ug/L	<34.1	2000	2000	2340	2370	117	119	60-140	1	
1,4-Dichlorobenzene	ug/L	<24.9	2000	2000	2160	2220	108	111	60-140	3	
2,2-Dichloropropane	ug/L	<28.1	2000	2000	2280	2300	114	115	60-140	1	
2-Chlorotoluene	ug/L	<20.7	2000	2000	2240	2320	112	116	60-140	4	
4-Chlorotoluene	ug/L	<20.6	2000	2000	2320	2310	116	116	60-140	0	
Benzene	ug/L	<24.0	2000	2000	2240	2240	112	112	60-140	0	
Bromobenzene	ug/L	<21.5	2000	2000	2240	2240	112	112	60-140	0	
Bromochloromethane	ug/L	<25.8	2000	2000	2460	2400	123	120	60-140	2	
Bromodichloromethane	ug/L	<18.5	2000	2000	2180	2140	109	107	60-140	2	
Bromoform	ug/L	<40.5	2000	2000	2330	2360	117	118	60-140	1	
Bromomethane	ug/L	<172	2000	2000	1570	1840	78	92	60-140	16	
Carbon tetrachloride	ug/L	<23.2	2000	2000	2420	2390	121	119	60-140	2	
Chlorobenzene	ug/L	<22.5	2000	2000	2300	2310	115	116	60-140	1	
Chloroethane	ug/L	<58.5	2000	2000	2320	2290	116	114	60-140	1	
Chloroform	ug/L	<35.3	2000	2000	2210	2220	110	111	60-140	0	
Chloromethane	ug/L	<41.5	2000	2000	1900	1940	95	97	60-140	2	
cis-1,2-Dichloroethene	ug/L	<20.7	2000	2000	2250	2260	113	113	60-140	0	
cis-1,3-Dichloropropene	ug/L	<35.7	2000	2000	2450	2440	123	122	60-140	1	
Dibromochloromethane	ug/L	<40.2	2000	2000	2460	2480	123	124	60-140	1	
Dibromomethane	ug/L	<31.0	2000	2000	2400	2450	120	122	60-140	2	
Dichlorodifluoromethane	ug/L	<28.4	2000	2000	2520	2490	126	124	60-140	1	
Diisopropyl ether	ug/L	105	2000	2000	2250	2190	107	104	60-140	3	
Ethylbenzene	ug/L	<24.0	2000	2000	2400	2420	120	121	60-140	1	
Hexachloro-1,3-butadiene	ug/L	<120	2000	2000	2410	2520	120	126	60-140	4	
Isopropylbenzene (Cumene)	ug/L	<23.8	2000	2000	2440	2460	122	123	60-140	1	
m&p-Xylene	ug/L	86.5J	4000	4000	4940	4960	121	122	60-140	0	
Methyl-tert-butyl ether	ug/L	9630	2000	2000	12400	12400	139	136	60-140	0	
Methylene Chloride	ug/L	<150	2000	2000	2230	2250	112	113	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.: 92516192

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3126816 3126817

Parameter	Units	92515674002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
n-Butylbenzene	ug/L	<35.3	2000	2000	2300	2390	115	120	60-140	4	
n-Propylbenzene	ug/L	<24.1	2000	2000	2420	2420	121	121	60-140	0	
Naphthalene	ug/L	286	2000	2000	2130	2270	92	99	60-140	6	
o-Xylene	ug/L	<23.7	2000	2000	2260	2280	113	114	60-140	1	
sec-Butylbenzene	ug/L	<24.6	2000	2000	2370	2440	119	122	60-140	3	
Styrene	ug/L	<25.6	2000	2000	2360	2390	118	120	60-140	1	
tert-Butylbenzene	ug/L	<25.0	2000	2000	2000	2010	100	100	60-140	1	
Tetrachloroethene	ug/L	<23.2	2000	2000	2400	2420	120	121	60-140	1	
Toluene	ug/L	<22.8	2000	2000	2380	2350	119	117	60-140	1	
trans-1,2-Dichloroethene	ug/L	<25.7	2000	2000	2410	2420	120	121	60-140	0	
trans-1,3-Dichloropropene	ug/L	<39.4	2000	2000	2380	2370	119	118	60-140	0	
Trichloroethene	ug/L	<23.2	2000	2000	2420	2410	121	120	60-140	0	
Trichlorofluoromethane	ug/L	<33.6	2000	2000	2370	2400	119	120	60-140	1	
Vinyl chloride	ug/L	<40.7	2000	2000	2320	2300	116	115	60-140	1	
1,2-Dichloroethane-d4 (S)	%						104	102	70-130		
4-Bromofluorobenzene (S)	%						99	99	70-130		
Toluene-d8 (S)	%						100	99	70-130		

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Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92516192

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92516192

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92516192001	**DUP-1**	EPA 3010A	592280	EPA 6010D	592306
92516192002	**FB-1**	EPA 3010A	592280	EPA 6010D	592306
92516192001	**DUP-1**	SM 6200B	592367		
92516192002	**FB-1**	SM 6200B	592367		
92516192003	**Trip Blank**	SM 6200B	592367		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

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

LAB USE ONLY- WO# : 92516192 (92516192) or

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: Andrew.Street@apexcos.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: 2020-4-2448 Incident	State: NC / County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: / Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Naomi Fretz	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature): Naomi Fretz	Turnaround Date Required: ASAP / Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis: _____

** 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 _____

* 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	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs 6200B	MADEP VPH	Lead	Lab Sample # / Comments
DUP-1	DW	G	1-12-21	-				8	X	X	X	001
FB-1	OT	G	↓	-				8	X	X	X	002
Trip Blank	OT	-	↓	-				2	X			003

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: _____			
Sample pH Acceptable	Y	N	NA
pH Strips: 232518AV			
Sulfide Present	Y	N	NA
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:
92516192

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: BB

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

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

Lab Tracking #: 2529464

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: 92T064
Cooler 1 Temp Upon Receipt: 5.2 oC
Cooler 1 Therm Corr. Factor: -0.1 oC
Cooler 1 Corrected Temp: 5.1 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Fretz / Apex	1-12-21 1630	Tyler Ziegler / Apex	1-12-21/1630
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Tyler Ziegler / Apex	1-12-21/1730	JD / PACE HVL	1/12/21 1730
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip 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#: 92516192**

PM: AMB Due Date: 01/19/21

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						1										7													
2						1										7													
3																2													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

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

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

January 19, 2021

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

RE: Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516194

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on January 12, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516194

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516194

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92516194001	**13800_HC_RD_2021112**	EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516194

Sample: 13800_HC_RD_2021112 **Lab ID: 92516194001** Collected: 01/12/21 08:40 Received: 01/12/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	01/13/21 01:55	01/14/21 04:44	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		01/13/21 13:21	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		01/13/21 13:21	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		01/13/21 13:21	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		01/13/21 13:21	75-27-4	
Bromoform	ND	ug/L	0.50	1		01/13/21 13:21	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/13/21 13:21	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		01/13/21 13:21	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		01/13/21 13:21	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		01/13/21 13:21	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		01/13/21 13:21	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		01/13/21 13:21	108-90-7	
Chloroethane	ND	ug/L	1.0	1		01/13/21 13:21	75-00-3	
Chloroform	ND	ug/L	0.50	1		01/13/21 13:21	67-66-3	
Chloromethane	ND	ug/L	1.0	1		01/13/21 13:21	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		01/13/21 13:21	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		01/13/21 13:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		01/13/21 13:21	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		01/13/21 13:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		01/13/21 13:21	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		01/13/21 13:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		01/13/21 13:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		01/13/21 13:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		01/13/21 13:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		01/13/21 13:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		01/13/21 13:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		01/13/21 13:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		01/13/21 13:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		01/13/21 13:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		01/13/21 13:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		01/13/21 13:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		01/13/21 13:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		01/13/21 13:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		01/13/21 13:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		01/13/21 13:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		01/13/21 13:21	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		01/13/21 13:21	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		01/13/21 13:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		01/13/21 13:21	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		01/13/21 13:21	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		01/13/21 13:21	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		01/13/21 13:21	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		01/13/21 13:21	91-20-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516194

Sample: 13800_HC_RD_2021112 **Lab ID: 92516194001** Collected: 01/12/21 08:40 Received: 01/12/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
n-Propylbenzene	ND	ug/L	0.50	1		01/13/21 13:21	103-65-1	
Styrene	ND	ug/L	0.50	1		01/13/21 13:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		01/13/21 13:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		01/13/21 13:21	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		01/13/21 13:21	127-18-4	
Toluene	ND	ug/L	0.50	1		01/13/21 13:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		01/13/21 13:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		01/13/21 13:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		01/13/21 13:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		01/13/21 13:21	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		01/13/21 13:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		01/13/21 13:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		01/13/21 13:21	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		01/13/21 13:21	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		01/13/21 13:21	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		01/13/21 13:21	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		01/13/21 13:21	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		01/13/21 13:21	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		01/13/21 13:21	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130	1		01/13/21 13:21	460-00-4	
Toluene-d8 (S)	101	%	70-130	1		01/13/21 13:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516194

QC Batch: 592280
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92516194001

METHOD BLANK: 3126590 Matrix: Water
Associated Lab Samples: 92516194001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	01/14/21 16:03	

LABORATORY CONTROL SAMPLE: 3126591

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	490	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3126592 3126593

Parameter	Units	92515806001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Lead	ug/L	63.3	500	500	455	469	78	81	75-125	3	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516194

QC Batch: 592367
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92516194001

METHOD BLANK: 3126814 Matrix: Water
Associated Lab Samples: 92516194001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1,1-Trichloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1,2-Trichloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1-Dichloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1-Dichloroethene	ug/L	ND	0.50	01/13/21 10:39	
1,1-Dichloropropene	ug/L	ND	0.50	01/13/21 10:39	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	01/13/21 10:39	
1,2,3-Trichloropropane	ug/L	ND	0.50	01/13/21 10:39	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	01/13/21 10:39	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	01/13/21 10:39	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	01/13/21 10:39	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	01/13/21 10:39	
1,2-Dichlorobenzene	ug/L	ND	0.50	01/13/21 10:39	
1,2-Dichloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,2-Dichloropropane	ug/L	ND	0.50	01/13/21 10:39	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	01/13/21 10:39	
1,3-Dichlorobenzene	ug/L	ND	0.50	01/13/21 10:39	
1,3-Dichloropropane	ug/L	ND	0.50	01/13/21 10:39	
1,4-Dichlorobenzene	ug/L	ND	0.50	01/13/21 10:39	
2,2-Dichloropropane	ug/L	ND	0.50	01/13/21 10:39	
2-Chlorotoluene	ug/L	ND	0.50	01/13/21 10:39	
4-Chlorotoluene	ug/L	ND	0.50	01/13/21 10:39	
Benzene	ug/L	ND	0.50	01/13/21 10:39	
Bromobenzene	ug/L	ND	0.50	01/13/21 10:39	
Bromochloromethane	ug/L	ND	0.50	01/13/21 10:39	
Bromodichloromethane	ug/L	ND	0.50	01/13/21 10:39	
Bromoform	ug/L	ND	0.50	01/13/21 10:39	
Bromomethane	ug/L	ND	5.0	01/13/21 10:39	
Carbon tetrachloride	ug/L	ND	0.50	01/13/21 10:39	
Chlorobenzene	ug/L	ND	0.50	01/13/21 10:39	
Chloroethane	ug/L	ND	1.0	01/13/21 10:39	
Chloroform	ug/L	ND	0.50	01/13/21 10:39	
Chloromethane	ug/L	ND	1.0	01/13/21 10:39	
cis-1,2-Dichloroethene	ug/L	ND	0.50	01/13/21 10:39	
cis-1,3-Dichloropropene	ug/L	ND	0.50	01/13/21 10:39	
Dibromochloromethane	ug/L	ND	0.50	01/13/21 10:39	
Dibromomethane	ug/L	ND	0.50	01/13/21 10:39	
Dichlorodifluoromethane	ug/L	ND	0.50	01/13/21 10:39	
Diisopropyl ether	ug/L	ND	0.50	01/13/21 10:39	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516194

METHOD BLANK: 3126814 Matrix: Water
Associated Lab Samples: 92516194001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	01/13/21 10:39	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	01/13/21 10:39	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	01/13/21 10:39	
m&p-Xylene	ug/L	ND	1.0	01/13/21 10:39	
Methyl-tert-butyl ether	ug/L	ND	0.50	01/13/21 10:39	
Methylene Chloride	ug/L	ND	2.0	01/13/21 10:39	
n-Butylbenzene	ug/L	ND	0.50	01/13/21 10:39	
n-Propylbenzene	ug/L	ND	0.50	01/13/21 10:39	
Naphthalene	ug/L	ND	2.0	01/13/21 10:39	
o-Xylene	ug/L	ND	0.50	01/13/21 10:39	
sec-Butylbenzene	ug/L	ND	0.50	01/13/21 10:39	
Styrene	ug/L	ND	0.50	01/13/21 10:39	
tert-Butylbenzene	ug/L	ND	0.50	01/13/21 10:39	
Tetrachloroethene	ug/L	ND	0.50	01/13/21 10:39	
Toluene	ug/L	ND	0.50	01/13/21 10:39	
trans-1,2-Dichloroethene	ug/L	ND	0.50	01/13/21 10:39	
trans-1,3-Dichloropropene	ug/L	ND	0.50	01/13/21 10:39	
Trichloroethene	ug/L	ND	0.50	01/13/21 10:39	
Trichlorofluoromethane	ug/L	ND	1.0	01/13/21 10:39	
Vinyl chloride	ug/L	ND	1.0	01/13/21 10:39	
1,2-Dichloroethane-d4 (S)	%	100	70-130	01/13/21 10:39	
4-Bromofluorobenzene (S)	%	97	70-130	01/13/21 10:39	
Toluene-d8 (S)	%	99	70-130	01/13/21 10:39	

LABORATORY CONTROL SAMPLE: 3126815

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	56.3	113	60-140	
1,1,1-Trichloroethane	ug/L	50	52.9	106	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	55.9	112	60-140	
1,1,2-Trichloroethane	ug/L	50	55.7	111	60-140	
1,1-Dichloroethane	ug/L	50	51.5	103	60-140	
1,1-Dichloroethene	ug/L	50	53.8	108	60-140	
1,1-Dichloropropene	ug/L	50	52.2	104	60-140	
1,2,3-Trichlorobenzene	ug/L	50	56.8	114	60-140	
1,2,3-Trichloropropane	ug/L	50	54.5	109	60-140	
1,2,4-Trichlorobenzene	ug/L	50	57.9	116	60-140	
1,2,4-Trimethylbenzene	ug/L	50	56.0	112	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	61.2	122	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	58.2	116	60-140	
1,2-Dichlorobenzene	ug/L	50	54.1	108	60-140	
1,2-Dichloroethane	ug/L	50	52.1	104	60-140	
1,2-Dichloropropane	ug/L	50	54.7	109	60-140	
1,3,5-Trimethylbenzene	ug/L	50	56.4	113	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516194

LABORATORY CONTROL SAMPLE: 3126815

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	57.4	115	60-140	
1,3-Dichloropropane	ug/L	50	56.8	114	60-140	
1,4-Dichlorobenzene	ug/L	50	53.9	108	60-140	
2,2-Dichloropropane	ug/L	50	57.9	116	60-140	
2-Chlorotoluene	ug/L	50	53.2	106	60-140	
4-Chlorotoluene	ug/L	50	56.3	113	60-140	
Benzene	ug/L	50	52.0	104	60-140	
Bromobenzene	ug/L	50	53.1	106	60-140	
Bromochloromethane	ug/L	50	55.9	112	60-140	
Bromodichloromethane	ug/L	50	51.5	103	60-140	
Bromoform	ug/L	50	60.0	120	60-140	
Bromomethane	ug/L	50	39.5	79	60-140	
Carbon tetrachloride	ug/L	50	52.7	105	60-140	
Chlorobenzene	ug/L	50	54.0	108	60-140	
Chloroethane	ug/L	50	37.6	75	60-140	
Chloroform	ug/L	50	51.5	103	60-140	
Chloromethane	ug/L	50	43.2	86	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.9	102	60-140	
cis-1,3-Dichloropropene	ug/L	50	58.9	118	60-140	
Dibromochloromethane	ug/L	50	60.7	121	60-140	
Dibromomethane	ug/L	50	57.6	115	60-140	
Dichlorodifluoromethane	ug/L	50	53.6	107	60-140	
Diisopropyl ether	ug/L	50	48.9	98	60-140	
Ethylbenzene	ug/L	50	56.3	113	60-140	
Hexachloro-1,3-butadiene	ug/L	50	59.3	119	60-140	
Isopropylbenzene (Cumene)	ug/L	50	56.6	113	60-140	
m&p-Xylene	ug/L	100	116	116	60-140	
Methyl-tert-butyl ether	ug/L	50	52.6	105	60-140	
Methylene Chloride	ug/L	50	49.0	98	60-140	
n-Butylbenzene	ug/L	50	57.6	115	60-140	
n-Propylbenzene	ug/L	50	56.3	113	60-140	
Naphthalene	ug/L	50	57.7	115	60-140	
o-Xylene	ug/L	50	53.3	107	60-140	
sec-Butylbenzene	ug/L	50	56.0	112	60-140	
Styrene	ug/L	50	57.1	114	60-140	
tert-Butylbenzene	ug/L	50	46.5	93	60-140	
Tetrachloroethene	ug/L	50	56.2	112	60-140	
Toluene	ug/L	50	54.8	110	60-140	
trans-1,2-Dichloroethene	ug/L	50	53.5	107	60-140	
trans-1,3-Dichloropropene	ug/L	50	58.3	117	60-140	
Trichloroethene	ug/L	50	55.6	111	60-140	
Trichlorofluoromethane	ug/L	50	46.3	93	60-140	
Vinyl chloride	ug/L	50	49.7	99	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516194

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3126816 3126817

Parameter	Units	92515674002 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	<42.2	2000	2000	2340	2370	117	119	60-140	1	
1,1,1-Trichloroethane	ug/L	<27.8	2000	2000	2360	2310	118	116	60-140	2	
1,1,2,2-Tetrachloroethane	ug/L	<19.3	2000	2000	2290	2280	114	114	60-140	0	
1,1,2-Trichloroethane	ug/L	<23.2	2000	2000	2330	2300	117	115	60-140	1	
1,1-Dichloroethane	ug/L	<24.4	2000	2000	2290	2300	115	115	60-140	0	
1,1-Dichloroethene	ug/L	<21.8	2000	2000	2550	2550	128	127	60-140	0	
1,1-Dichloropropene	ug/L	<34.8	2000	2000	2450	2450	122	123	60-140	0	
1,2,3-Trichlorobenzene	ug/L	<78.1	2000	2000	2130	2300	106	115	60-140	8	
1,2,3-Trichloropropane	ug/L	<27.1	2000	2000	2180	2270	109	113	60-140	4	
1,2,4-Trichlorobenzene	ug/L	<43.6	2000	2000	2160	2360	108	118	60-140	9	
1,2,4-Trimethylbenzene	ug/L	198	2000	2000	2360	2380	108	109	60-140	1	
1,2-Dibromo-3-chloropropane	ug/L	<38.5	2000	2000	2230	2310	111	116	60-140	4	
1,2-Dibromoethane (EDB)	ug/L	<23.1	2000	2000	2410	2400	120	120	60-140	0	
1,2-Dichlorobenzene	ug/L	<24.0	2000	2000	2200	2250	110	113	60-140	2	
1,2-Dichloroethane	ug/L	<26.3	2000	2000	2290	2270	115	114	60-140	1	
1,2-Dichloropropane	ug/L	<18.3	2000	2000	2330	2330	117	116	60-140	0	
1,3,5-Trimethylbenzene	ug/L	<22.7	2000	2000	2400	2410	120	121	60-140	1	
1,3-Dichlorobenzene	ug/L	<25.0	2000	2000	2320	2350	116	117	60-140	1	
1,3-Dichloropropane	ug/L	<34.1	2000	2000	2340	2370	117	119	60-140	1	
1,4-Dichlorobenzene	ug/L	<24.9	2000	2000	2160	2220	108	111	60-140	3	
2,2-Dichloropropane	ug/L	<28.1	2000	2000	2280	2300	114	115	60-140	1	
2-Chlorotoluene	ug/L	<20.7	2000	2000	2240	2320	112	116	60-140	4	
4-Chlorotoluene	ug/L	<20.6	2000	2000	2320	2310	116	116	60-140	0	
Benzene	ug/L	<24.0	2000	2000	2240	2240	112	112	60-140	0	
Bromobenzene	ug/L	<21.5	2000	2000	2240	2240	112	112	60-140	0	
Bromochloromethane	ug/L	<25.8	2000	2000	2460	2400	123	120	60-140	2	
Bromodichloromethane	ug/L	<18.5	2000	2000	2180	2140	109	107	60-140	2	
Bromoform	ug/L	<40.5	2000	2000	2330	2360	117	118	60-140	1	
Bromomethane	ug/L	<172	2000	2000	1570	1840	78	92	60-140	16	
Carbon tetrachloride	ug/L	<23.2	2000	2000	2420	2390	121	119	60-140	2	
Chlorobenzene	ug/L	<22.5	2000	2000	2300	2310	115	116	60-140	1	
Chloroethane	ug/L	<58.5	2000	2000	2320	2290	116	114	60-140	1	
Chloroform	ug/L	<35.3	2000	2000	2210	2220	110	111	60-140	0	
Chloromethane	ug/L	<41.5	2000	2000	1900	1940	95	97	60-140	2	
cis-1,2-Dichloroethene	ug/L	<20.7	2000	2000	2250	2260	113	113	60-140	0	
cis-1,3-Dichloropropene	ug/L	<35.7	2000	2000	2450	2440	123	122	60-140	1	
Dibromochloromethane	ug/L	<40.2	2000	2000	2460	2480	123	124	60-140	1	
Dibromomethane	ug/L	<31.0	2000	2000	2400	2450	120	122	60-140	2	
Dichlorodifluoromethane	ug/L	<28.4	2000	2000	2520	2490	126	124	60-140	1	
Diisopropyl ether	ug/L	105	2000	2000	2250	2190	107	104	60-140	3	
Ethylbenzene	ug/L	<24.0	2000	2000	2400	2420	120	121	60-140	1	
Hexachloro-1,3-butadiene	ug/L	<120	2000	2000	2410	2520	120	126	60-140	4	
Isopropylbenzene (Cumene)	ug/L	<23.8	2000	2000	2440	2460	122	123	60-140	1	
m&p-Xylene	ug/L	86.5J	4000	4000	4940	4960	121	122	60-140	0	
Methyl-tert-butyl ether	ug/L	9630	2000	2000	12400	12400	139	136	60-140	0	
Methylene Chloride	ug/L	<150	2000	2000	2230	2250	112	113	60-140	1	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516194

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3126816 3126817

Parameter	Units	92515674002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
n-Butylbenzene	ug/L	<35.3	2000	2000	2300	2390	115	120	60-140	4	
n-Propylbenzene	ug/L	<24.1	2000	2000	2420	2420	121	121	60-140	0	
Naphthalene	ug/L	286	2000	2000	2130	2270	92	99	60-140	6	
o-Xylene	ug/L	<23.7	2000	2000	2260	2280	113	114	60-140	1	
sec-Butylbenzene	ug/L	<24.6	2000	2000	2370	2440	119	122	60-140	3	
Styrene	ug/L	<25.6	2000	2000	2360	2390	118	120	60-140	1	
tert-Butylbenzene	ug/L	<25.0	2000	2000	2000	2010	100	100	60-140	1	
Tetrachloroethene	ug/L	<23.2	2000	2000	2400	2420	120	121	60-140	1	
Toluene	ug/L	<22.8	2000	2000	2380	2350	119	117	60-140	1	
trans-1,2-Dichloroethene	ug/L	<25.7	2000	2000	2410	2420	120	121	60-140	0	
trans-1,3-Dichloropropene	ug/L	<39.4	2000	2000	2380	2370	119	118	60-140	0	
Trichloroethene	ug/L	<23.2	2000	2000	2420	2410	121	120	60-140	0	
Trichlorofluoromethane	ug/L	<33.6	2000	2000	2370	2400	119	120	60-140	1	
Vinyl chloride	ug/L	<40.7	2000	2000	2320	2300	116	115	60-140	1	
1,2-Dichloroethane-d4 (S)	%						104	102	70-130		
4-Bromofluorobenzene (S)	%						99	99	70-130		
Toluene-d8 (S)	%						100	99	70-130		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516194

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516194

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92516194001	**13800_HC_RD_2021112**	EPA 3010A	592280	EPA 6010D	592306
92516194001	**13800_HC_RD_2021112**	SM 6200B	592367		

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB US[E] WO# : 92516194

92516194

[N]umber or

Company: Apex Companies
Address:
Billing Information:

Report To: Andrew Street
Email To: Andrew.Street@apexcos.com
Copy To:
Site Collection Info/Address: 13800 Huntersville Concord Rd
Customer Project Name/Number: 2020-L1-2448 Incident
State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET

Phone:
Email:
Site/Facility ID #:
Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): Naomi Fietz
Purchase Order #:
Quote #:
DW PWS ID #:
DW Location Code:

Collected By (signature): [signature]
Turnaround Date Required: ASAP
Immediately Packed on Ice: [ ] Yes [ ] No

Sample Disposal:
[ ] Dispose as appropriate [ ] Return
[ ] Archive: ______
[ ] Hold: ______

Rush:
[ ] Same Day [ ] Next Day
[ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day
(Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis: ______

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

Container Preservative Type

Lab Project Manager:

** 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 Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res Cl	# of Ctns	VOCs 6200B	MADEP VPH	Lead	Lab Sample # / Comments
13800_HC_RD_20210112	DW	G	1-12-21	0840				8	X	X	X	001

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y (N) NA
Custody Signatures Present	(Y) N NA
Collector Signature Present	(Y) N NA
Bottles Intact	(Y) N NA
Correct Bottles	(Y) N NA
Sufficient Volume	(Y) N NA
Samples Received on Ice	(Y) N NA
VOA - Headspace Acceptable	(Y) N NA
USDA Regulated Soils	Y N (NA)
Samples in Holding Time	(Y) N NA
Residual Chlorine Present	Y N (NA)
Cl Strips:	L 5C510AU
Sample pH Acceptable	(Y) N NA
pH Strips:	
Sulfide Present	Y N (NA)
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments: 92516194

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used:

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

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

Lab Tracking #: 2529449

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: SL1004
Cooler 1 Temp Upon Receipt: 5.2 oC
Cooler 1 Therm Corr. Factor: -.1 oC
Cooler 1 Corrected Temp: 5.1 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Fietz / Apex	1-12-21 1630	[signature] / Apex	1-12-21/1630
[signature] / Apex	1-12-21/1730	TO PACE HUL	1/12/21 1730

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y (N) NA
HCL MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: ______ of: ______

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

January 27, 2021

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

RE: Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516195

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on January 12, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

A revised laboratory report is being submitted on 1/27/21 to include the VPH results. They did not merge properly.

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516195

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516195

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92516195001	**13926B_HC_RD_2021112**	MADEP VPH	ACG	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516195

Sample: 13926B_HC_RD_2021112 **Lab ID: 92516195001** Collected: 01/12/21 15:20 Received: 01/12/21 17:30 Matrix: Water

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/L	100	1	01/18/21 23:41	01/18/21 23:41		
Aliphatic (C09-C12)	ND	ug/L	100	1	01/18/21 23:41	01/18/21 23:41		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	01/18/21 23:41	01/18/21 23:41	TPHC9C10A	
Total VPH	ND	ug/L	100	1	01/18/21 23:41	01/18/21 23:41	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	104	%	70.0-130	1	01/18/21 23:41	01/18/21 23:41	615-59-8FID	
2,5-Dibromotoluene (PID)	105	%	70.0-130	1	01/18/21 23:41	01/18/21 23:41	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	01/13/21 01:55	01/14/21 04:47	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		01/13/21 13:39	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		01/13/21 13:39	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		01/13/21 13:39	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		01/13/21 13:39	75-27-4	
Bromoform	ND	ug/L	0.50	1		01/13/21 13:39	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/13/21 13:39	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		01/13/21 13:39	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		01/13/21 13:39	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		01/13/21 13:39	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		01/13/21 13:39	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		01/13/21 13:39	108-90-7	
Chloroethane	ND	ug/L	1.0	1		01/13/21 13:39	75-00-3	
Chloroform	**9.7**	ug/L	0.50	1		01/13/21 13:39	67-66-3	
Chloromethane	ND	ug/L	1.0	1		01/13/21 13:39	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		01/13/21 13:39	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		01/13/21 13:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		01/13/21 13:39	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		01/13/21 13:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		01/13/21 13:39	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		01/13/21 13:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		01/13/21 13:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		01/13/21 13:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		01/13/21 13:39	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		01/13/21 13:39	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		01/13/21 13:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		01/13/21 13:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		01/13/21 13:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		01/13/21 13:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		01/13/21 13:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		01/13/21 13:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		01/13/21 13:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		01/13/21 13:39	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516195

Sample: 13926B_HC_RD_2021112 **Lab ID: 92516195001** Collected: 01/12/21 15:20 Received: 01/12/21 17:30 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		01/13/21 13:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		01/13/21 13:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		01/13/21 13:39	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		01/13/21 13:39	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		01/13/21 13:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		01/13/21 13:39	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		01/13/21 13:39	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		01/13/21 13:39	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		01/13/21 13:39	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		01/13/21 13:39	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		01/13/21 13:39	103-65-1	
Styrene	ND	ug/L	0.50	1		01/13/21 13:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		01/13/21 13:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		01/13/21 13:39	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		01/13/21 13:39	127-18-4	
Toluene	ND	ug/L	0.50	1		01/13/21 13:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		01/13/21 13:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		01/13/21 13:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		01/13/21 13:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		01/13/21 13:39	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		01/13/21 13:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		01/13/21 13:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		01/13/21 13:39	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		01/13/21 13:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		01/13/21 13:39	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		01/13/21 13:39	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		01/13/21 13:39	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		01/13/21 13:39	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		01/13/21 13:39	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130	1		01/13/21 13:39	460-00-4	
Toluene-d8 (S)	100	%	70-130	1		01/13/21 13:39	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516195

QC Batch: 1607566
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92516195001

METHOD BLANK: R3613829-3 Matrix: Water
Associated Lab Samples: 92516195001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	01/18/21 23:08	
Aliphatic (C09-C12)	ug/L	ND	100	01/18/21 23:08	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	01/18/21 23:08	
Total VPH	ug/L	ND	100	01/18/21 23:08	
2,5-Dibromotoluene (FID)	%	99.7	70.0-130	01/18/21 23:08	
2,5-Dibromotoluene (PID)	%	102	70.0-130	01/18/21 23:08	

LABORATORY CONTROL SAMPLE & LCSD: R3613829-1 R3613829-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1080	1030	90.0	85.8	70.0-130	4.74	25	
Aliphatic (C09-C12)	ug/L	1400	1360	1300	97.1	92.9	70.0-130	4.51	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	235	209	118	105	70.0-130	11.7	25	
Total VPH	ug/L	2800	2680	2540	95.7	90.7	70.0-130	5.36	25	
2,5-Dibromotoluene (FID)	%				104	105	70.0-130			
2,5-Dibromotoluene (PID)	%				106	107	70.0-130			

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

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516195

QC Batch: 592280
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92516195001

METHOD BLANK: 3126590 Matrix: Water
Associated Lab Samples: 92516195001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	01/14/21 16:03	

LABORATORY CONTROL SAMPLE: 3126591

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	490	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3126592 3126593

Parameter	Units	92515806001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Lead	ug/L	63.3	500	500	455	469	78	81	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.: 92516195

QC Batch: 592367
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92516195001

METHOD BLANK: 3126814 Matrix: Water
Associated Lab Samples: 92516195001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1,1-Trichloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1,2-Trichloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1-Dichloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1-Dichloroethene	ug/L	ND	0.50	01/13/21 10:39	
1,1-Dichloropropene	ug/L	ND	0.50	01/13/21 10:39	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	01/13/21 10:39	
1,2,3-Trichloropropane	ug/L	ND	0.50	01/13/21 10:39	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	01/13/21 10:39	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	01/13/21 10:39	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	01/13/21 10:39	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	01/13/21 10:39	
1,2-Dichlorobenzene	ug/L	ND	0.50	01/13/21 10:39	
1,2-Dichloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,2-Dichloropropane	ug/L	ND	0.50	01/13/21 10:39	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	01/13/21 10:39	
1,3-Dichlorobenzene	ug/L	ND	0.50	01/13/21 10:39	
1,3-Dichloropropane	ug/L	ND	0.50	01/13/21 10:39	
1,4-Dichlorobenzene	ug/L	ND	0.50	01/13/21 10:39	
2,2-Dichloropropane	ug/L	ND	0.50	01/13/21 10:39	
2-Chlorotoluene	ug/L	ND	0.50	01/13/21 10:39	
4-Chlorotoluene	ug/L	ND	0.50	01/13/21 10:39	
Benzene	ug/L	ND	0.50	01/13/21 10:39	
Bromobenzene	ug/L	ND	0.50	01/13/21 10:39	
Bromochloromethane	ug/L	ND	0.50	01/13/21 10:39	
Bromodichloromethane	ug/L	ND	0.50	01/13/21 10:39	
Bromoform	ug/L	ND	0.50	01/13/21 10:39	
Bromomethane	ug/L	ND	5.0	01/13/21 10:39	
Carbon tetrachloride	ug/L	ND	0.50	01/13/21 10:39	
Chlorobenzene	ug/L	ND	0.50	01/13/21 10:39	
Chloroethane	ug/L	ND	1.0	01/13/21 10:39	
Chloroform	ug/L	ND	0.50	01/13/21 10:39	
Chloromethane	ug/L	ND	1.0	01/13/21 10:39	
cis-1,2-Dichloroethene	ug/L	ND	0.50	01/13/21 10:39	
cis-1,3-Dichloropropene	ug/L	ND	0.50	01/13/21 10:39	
Dibromochloromethane	ug/L	ND	0.50	01/13/21 10:39	
Dibromomethane	ug/L	ND	0.50	01/13/21 10:39	
Dichlorodifluoromethane	ug/L	ND	0.50	01/13/21 10:39	
Diisopropyl ether	ug/L	ND	0.50	01/13/21 10:39	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516195

METHOD BLANK: 3126814 Matrix: Water
Associated Lab Samples: 92516195001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	01/13/21 10:39	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	01/13/21 10:39	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	01/13/21 10:39	
m&p-Xylene	ug/L	ND	1.0	01/13/21 10:39	
Methyl-tert-butyl ether	ug/L	ND	0.50	01/13/21 10:39	
Methylene Chloride	ug/L	ND	2.0	01/13/21 10:39	
n-Butylbenzene	ug/L	ND	0.50	01/13/21 10:39	
n-Propylbenzene	ug/L	ND	0.50	01/13/21 10:39	
Naphthalene	ug/L	ND	2.0	01/13/21 10:39	
o-Xylene	ug/L	ND	0.50	01/13/21 10:39	
sec-Butylbenzene	ug/L	ND	0.50	01/13/21 10:39	
Styrene	ug/L	ND	0.50	01/13/21 10:39	
tert-Butylbenzene	ug/L	ND	0.50	01/13/21 10:39	
Tetrachloroethene	ug/L	ND	0.50	01/13/21 10:39	
Toluene	ug/L	ND	0.50	01/13/21 10:39	
trans-1,2-Dichloroethene	ug/L	ND	0.50	01/13/21 10:39	
trans-1,3-Dichloropropene	ug/L	ND	0.50	01/13/21 10:39	
Trichloroethene	ug/L	ND	0.50	01/13/21 10:39	
Trichlorofluoromethane	ug/L	ND	1.0	01/13/21 10:39	
Vinyl chloride	ug/L	ND	1.0	01/13/21 10:39	
1,2-Dichloroethane-d4 (S)	%	100	70-130	01/13/21 10:39	
4-Bromofluorobenzene (S)	%	97	70-130	01/13/21 10:39	
Toluene-d8 (S)	%	99	70-130	01/13/21 10:39	

LABORATORY CONTROL SAMPLE: 3126815

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	56.3	113	60-140	
1,1,1-Trichloroethane	ug/L	50	52.9	106	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	55.9	112	60-140	
1,1,2-Trichloroethane	ug/L	50	55.7	111	60-140	
1,1-Dichloroethane	ug/L	50	51.5	103	60-140	
1,1-Dichloroethene	ug/L	50	53.8	108	60-140	
1,1-Dichloropropene	ug/L	50	52.2	104	60-140	
1,2,3-Trichlorobenzene	ug/L	50	56.8	114	60-140	
1,2,3-Trichloropropane	ug/L	50	54.5	109	60-140	
1,2,4-Trichlorobenzene	ug/L	50	57.9	116	60-140	
1,2,4-Trimethylbenzene	ug/L	50	56.0	112	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	61.2	122	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	58.2	116	60-140	
1,2-Dichlorobenzene	ug/L	50	54.1	108	60-140	
1,2-Dichloroethane	ug/L	50	52.1	104	60-140	
1,2-Dichloropropane	ug/L	50	54.7	109	60-140	
1,3,5-Trimethylbenzene	ug/L	50	56.4	113	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516195

LABORATORY CONTROL SAMPLE: 3126815

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	57.4	115	60-140	
1,3-Dichloropropane	ug/L	50	56.8	114	60-140	
1,4-Dichlorobenzene	ug/L	50	53.9	108	60-140	
2,2-Dichloropropane	ug/L	50	57.9	116	60-140	
2-Chlorotoluene	ug/L	50	53.2	106	60-140	
4-Chlorotoluene	ug/L	50	56.3	113	60-140	
Benzene	ug/L	50	52.0	104	60-140	
Bromobenzene	ug/L	50	53.1	106	60-140	
Bromochloromethane	ug/L	50	55.9	112	60-140	
Bromodichloromethane	ug/L	50	51.5	103	60-140	
Bromoform	ug/L	50	60.0	120	60-140	
Bromomethane	ug/L	50	39.5	79	60-140	
Carbon tetrachloride	ug/L	50	52.7	105	60-140	
Chlorobenzene	ug/L	50	54.0	108	60-140	
Chloroethane	ug/L	50	37.6	75	60-140	
Chloroform	ug/L	50	51.5	103	60-140	
Chloromethane	ug/L	50	43.2	86	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.9	102	60-140	
cis-1,3-Dichloropropene	ug/L	50	58.9	118	60-140	
Dibromochloromethane	ug/L	50	60.7	121	60-140	
Dibromomethane	ug/L	50	57.6	115	60-140	
Dichlorodifluoromethane	ug/L	50	53.6	107	60-140	
Diisopropyl ether	ug/L	50	48.9	98	60-140	
Ethylbenzene	ug/L	50	56.3	113	60-140	
Hexachloro-1,3-butadiene	ug/L	50	59.3	119	60-140	
Isopropylbenzene (Cumene)	ug/L	50	56.6	113	60-140	
m&p-Xylene	ug/L	100	116	116	60-140	
Methyl-tert-butyl ether	ug/L	50	52.6	105	60-140	
Methylene Chloride	ug/L	50	49.0	98	60-140	
n-Butylbenzene	ug/L	50	57.6	115	60-140	
n-Propylbenzene	ug/L	50	56.3	113	60-140	
Naphthalene	ug/L	50	57.7	115	60-140	
o-Xylene	ug/L	50	53.3	107	60-140	
sec-Butylbenzene	ug/L	50	56.0	112	60-140	
Styrene	ug/L	50	57.1	114	60-140	
tert-Butylbenzene	ug/L	50	46.5	93	60-140	
Tetrachloroethene	ug/L	50	56.2	112	60-140	
Toluene	ug/L	50	54.8	110	60-140	
trans-1,2-Dichloroethene	ug/L	50	53.5	107	60-140	
trans-1,3-Dichloropropene	ug/L	50	58.3	117	60-140	
Trichloroethene	ug/L	50	55.6	111	60-140	
Trichlorofluoromethane	ug/L	50	46.3	93	60-140	
Vinyl chloride	ug/L	50	49.7	99	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516195

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3126816 3126817

Parameter	Units	92515674002 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	<42.2	2000	2000	2340	2370	117	119	60-140	1	
1,1,1-Trichloroethane	ug/L	<27.8	2000	2000	2360	2310	118	116	60-140	2	
1,1,2,2-Tetrachloroethane	ug/L	<19.3	2000	2000	2290	2280	114	114	60-140	0	
1,1,2-Trichloroethane	ug/L	<23.2	2000	2000	2330	2300	117	115	60-140	1	
1,1-Dichloroethane	ug/L	<24.4	2000	2000	2290	2300	115	115	60-140	0	
1,1-Dichloroethene	ug/L	<21.8	2000	2000	2550	2550	128	127	60-140	0	
1,1-Dichloropropene	ug/L	<34.8	2000	2000	2450	2450	122	123	60-140	0	
1,2,3-Trichlorobenzene	ug/L	<78.1	2000	2000	2130	2300	106	115	60-140	8	
1,2,3-Trichloropropane	ug/L	<27.1	2000	2000	2180	2270	109	113	60-140	4	
1,2,4-Trichlorobenzene	ug/L	<43.6	2000	2000	2160	2360	108	118	60-140	9	
1,2,4-Trimethylbenzene	ug/L	198	2000	2000	2360	2380	108	109	60-140	1	
1,2-Dibromo-3-chloropropane	ug/L	<38.5	2000	2000	2230	2310	111	116	60-140	4	
1,2-Dibromoethane (EDB)	ug/L	<23.1	2000	2000	2410	2400	120	120	60-140	0	
1,2-Dichlorobenzene	ug/L	<24.0	2000	2000	2200	2250	110	113	60-140	2	
1,2-Dichloroethane	ug/L	<26.3	2000	2000	2290	2270	115	114	60-140	1	
1,2-Dichloropropane	ug/L	<18.3	2000	2000	2330	2330	117	116	60-140	0	
1,3,5-Trimethylbenzene	ug/L	<22.7	2000	2000	2400	2410	120	121	60-140	1	
1,3-Dichlorobenzene	ug/L	<25.0	2000	2000	2320	2350	116	117	60-140	1	
1,3-Dichloropropane	ug/L	<34.1	2000	2000	2340	2370	117	119	60-140	1	
1,4-Dichlorobenzene	ug/L	<24.9	2000	2000	2160	2220	108	111	60-140	3	
2,2-Dichloropropane	ug/L	<28.1	2000	2000	2280	2300	114	115	60-140	1	
2-Chlorotoluene	ug/L	<20.7	2000	2000	2240	2320	112	116	60-140	4	
4-Chlorotoluene	ug/L	<20.6	2000	2000	2320	2310	116	116	60-140	0	
Benzene	ug/L	<24.0	2000	2000	2240	2240	112	112	60-140	0	
Bromobenzene	ug/L	<21.5	2000	2000	2240	2240	112	112	60-140	0	
Bromochloromethane	ug/L	<25.8	2000	2000	2460	2400	123	120	60-140	2	
Bromodichloromethane	ug/L	<18.5	2000	2000	2180	2140	109	107	60-140	2	
Bromoform	ug/L	<40.5	2000	2000	2330	2360	117	118	60-140	1	
Bromomethane	ug/L	<172	2000	2000	1570	1840	78	92	60-140	16	
Carbon tetrachloride	ug/L	<23.2	2000	2000	2420	2390	121	119	60-140	2	
Chlorobenzene	ug/L	<22.5	2000	2000	2300	2310	115	116	60-140	1	
Chloroethane	ug/L	<58.5	2000	2000	2320	2290	116	114	60-140	1	
Chloroform	ug/L	<35.3	2000	2000	2210	2220	110	111	60-140	0	
Chloromethane	ug/L	<41.5	2000	2000	1900	1940	95	97	60-140	2	
cis-1,2-Dichloroethene	ug/L	<20.7	2000	2000	2250	2260	113	113	60-140	0	
cis-1,3-Dichloropropene	ug/L	<35.7	2000	2000	2450	2440	123	122	60-140	1	
Dibromochloromethane	ug/L	<40.2	2000	2000	2460	2480	123	124	60-140	1	
Dibromomethane	ug/L	<31.0	2000	2000	2400	2450	120	122	60-140	2	
Dichlorodifluoromethane	ug/L	<28.4	2000	2000	2520	2490	126	124	60-140	1	
Diisopropyl ether	ug/L	105	2000	2000	2250	2190	107	104	60-140	3	
Ethylbenzene	ug/L	<24.0	2000	2000	2400	2420	120	121	60-140	1	
Hexachloro-1,3-butadiene	ug/L	<120	2000	2000	2410	2520	120	126	60-140	4	
Isopropylbenzene (Cumene)	ug/L	<23.8	2000	2000	2440	2460	122	123	60-140	1	
m&p-Xylene	ug/L	86.5J	4000	4000	4940	4960	121	122	60-140	0	
Methyl-tert-butyl ether	ug/L	9630	2000	2000	12400	12400	139	136	60-140	0	
Methylene Chloride	ug/L	<150	2000	2000	2230	2250	112	113	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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516195

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3126816 3126817

Parameter	Units	92515674002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
n-Butylbenzene	ug/L	<35.3	2000	2000	2300	2390	115	120	60-140	4	
n-Propylbenzene	ug/L	<24.1	2000	2000	2420	2420	121	121	60-140	0	
Naphthalene	ug/L	286	2000	2000	2130	2270	92	99	60-140	6	
o-Xylene	ug/L	<23.7	2000	2000	2260	2280	113	114	60-140	1	
sec-Butylbenzene	ug/L	<24.6	2000	2000	2370	2440	119	122	60-140	3	
Styrene	ug/L	<25.6	2000	2000	2360	2390	118	120	60-140	1	
tert-Butylbenzene	ug/L	<25.0	2000	2000	2000	2010	100	100	60-140	1	
Tetrachloroethene	ug/L	<23.2	2000	2000	2400	2420	120	121	60-140	1	
Toluene	ug/L	<22.8	2000	2000	2380	2350	119	117	60-140	1	
trans-1,2-Dichloroethene	ug/L	<25.7	2000	2000	2410	2420	120	121	60-140	0	
trans-1,3-Dichloropropene	ug/L	<39.4	2000	2000	2380	2370	119	118	60-140	0	
Trichloroethene	ug/L	<23.2	2000	2000	2420	2410	121	120	60-140	0	
Trichlorofluoromethane	ug/L	<33.6	2000	2000	2370	2400	119	120	60-140	1	
Vinyl chloride	ug/L	<40.7	2000	2000	2320	2300	116	115	60-140	1	
1,2-Dichloroethane-d4 (S)	%						104	102	70-130		
4-Bromofluorobenzene (S)	%						99	99	70-130		
Toluene-d8 (S)	%						100	99	70-130		

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516195

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92516195

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92516195001	**13926B_HC_RD_2021112**	MADEPV	1607566	MADEP VPH	1607566
92516195001	**13926B_HC_RD_2021112**	EPA 3010A	592280	EPA 6010D	592306
92516195001	**13926B_HC_RD_2021112**	SM 6200B	592367		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

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

WO# : 92516195

92516195

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: Andrew.Street@apexcos.com
Copy To:	Site Collection Info/Address: 13926 B Huntersville Concord Rd
Customer Project Name/Number: 2020-11-2448 Incident	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Naomi Fretz	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Naomi Fretz	Turnaround Date Required: ASAP Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOCs 6266B	MADEP VPH	Lead	Analyses	Lab Profile/Line:
13926B-MC-RD-20211212	DW	G	1-12-21	1520				8	X	X	X		92516195 001

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y (N) NA
Custody Signatures Present	(Y) N NA
Collector Signature Present	(Y) N NA
Bottles Intact	(Y) N NA
Correct Bottles	(Y) N NA
Sufficient Volume	(Y) N NA
Samples Received on Ice	(Y) N NA
VOA - Headspace Acceptable	(Y) N NA
USDA Regulated Soils	Y N (NA)
Samples in Holding Time	(Y) N NA
Residual Chlorine Present	Y N (NA)
Cl Strips: _____	
Sample pH Acceptable	(Y) N NA
pH Strips: 232518AV	
Sulfide Present	Y N (NA)
Lead Acetate Strips: _____	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used:

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

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

Lab Tracking #: 2529468

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: S2T064
Cooler 1 Temp Upon Receipt: 5.2 oC
Cooler 1 Therm Corr. Factor: -.1 oC
Cooler 1 Corrected Temp: 5.1 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Fretz / Apex	1-12-21 1630	[signature] / Apex	1-12-21 / 1630
[signature] / Apex	1-12-21 1730	IO PACE HU	1/12/21 1730

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y (N) NA
HCL MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: _____ of: _____

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

January 19, 2021

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

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92516196

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on January 12, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92516196

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92516196

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92516196001	**13926A_HC_RD_2021112**	EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92516196

Sample: 13926A_HC_RD_2021112 **Lab ID: 92516196001** Collected: 01/12/21 15:55 Received: 01/12/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	01/13/21 01:55	01/14/21 04:51	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		01/13/21 13:57	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		01/13/21 13:57	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		01/13/21 13:57	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		01/13/21 13:57	75-27-4	
Bromoform	ND	ug/L	0.50	1		01/13/21 13:57	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/13/21 13:57	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		01/13/21 13:57	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		01/13/21 13:57	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		01/13/21 13:57	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		01/13/21 13:57	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		01/13/21 13:57	108-90-7	
Chloroethane	ND	ug/L	1.0	1		01/13/21 13:57	75-00-3	
Chloroform	ND	ug/L	0.50	1		01/13/21 13:57	67-66-3	
Chloromethane	ND	ug/L	1.0	1		01/13/21 13:57	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		01/13/21 13:57	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		01/13/21 13:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		01/13/21 13:57	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		01/13/21 13:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		01/13/21 13:57	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		01/13/21 13:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		01/13/21 13:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		01/13/21 13:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		01/13/21 13:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		01/13/21 13:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		01/13/21 13:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		01/13/21 13:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		01/13/21 13:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		01/13/21 13:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		01/13/21 13:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		01/13/21 13:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		01/13/21 13:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		01/13/21 13:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		01/13/21 13:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		01/13/21 13:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		01/13/21 13:57	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		01/13/21 13:57	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		01/13/21 13:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		01/13/21 13:57	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		01/13/21 13:57	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		01/13/21 13:57	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		01/13/21 13:57	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		01/13/21 13:57	91-20-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92516196

Sample: 13926A_HC_RD_2021112 **Lab ID: 92516196001** Collected: 01/12/21 15:55 Received: 01/12/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
n-Propylbenzene	ND	ug/L	0.50	1		01/13/21 13:57	103-65-1	
Styrene	ND	ug/L	0.50	1		01/13/21 13:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		01/13/21 13:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		01/13/21 13:57	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		01/13/21 13:57	127-18-4	
Toluene	ND	ug/L	0.50	1		01/13/21 13:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		01/13/21 13:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		01/13/21 13:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		01/13/21 13:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		01/13/21 13:57	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		01/13/21 13:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		01/13/21 13:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		01/13/21 13:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		01/13/21 13:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		01/13/21 13:57	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		01/13/21 13:57	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		01/13/21 13:57	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		01/13/21 13:57	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		01/13/21 13:57	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130	1		01/13/21 13:57	460-00-4	
Toluene-d8 (S)	101	%	70-130	1		01/13/21 13:57	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92516196

QC Batch: 592280
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92516196001

METHOD BLANK: 3126590 Matrix: Water
Associated Lab Samples: 92516196001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	01/14/21 16:03	

LABORATORY CONTROL SAMPLE: 3126591

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	490	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3126592 3126593

Parameter	Units	92515806001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Lead	ug/L	63.3	500	500	455	469	78	81	75-125	3	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92516196

QC Batch: 592367
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92516196001

METHOD BLANK: 3126814 Matrix: Water
Associated Lab Samples: 92516196001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1,1-Trichloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1,2-Trichloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1-Dichloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1-Dichloroethene	ug/L	ND	0.50	01/13/21 10:39	
1,1-Dichloropropene	ug/L	ND	0.50	01/13/21 10:39	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	01/13/21 10:39	
1,2,3-Trichloropropane	ug/L	ND	0.50	01/13/21 10:39	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	01/13/21 10:39	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	01/13/21 10:39	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	01/13/21 10:39	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	01/13/21 10:39	
1,2-Dichlorobenzene	ug/L	ND	0.50	01/13/21 10:39	
1,2-Dichloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,2-Dichloropropane	ug/L	ND	0.50	01/13/21 10:39	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	01/13/21 10:39	
1,3-Dichlorobenzene	ug/L	ND	0.50	01/13/21 10:39	
1,3-Dichloropropane	ug/L	ND	0.50	01/13/21 10:39	
1,4-Dichlorobenzene	ug/L	ND	0.50	01/13/21 10:39	
2,2-Dichloropropane	ug/L	ND	0.50	01/13/21 10:39	
2-Chlorotoluene	ug/L	ND	0.50	01/13/21 10:39	
4-Chlorotoluene	ug/L	ND	0.50	01/13/21 10:39	
Benzene	ug/L	ND	0.50	01/13/21 10:39	
Bromobenzene	ug/L	ND	0.50	01/13/21 10:39	
Bromochloromethane	ug/L	ND	0.50	01/13/21 10:39	
Bromodichloromethane	ug/L	ND	0.50	01/13/21 10:39	
Bromoform	ug/L	ND	0.50	01/13/21 10:39	
Bromomethane	ug/L	ND	5.0	01/13/21 10:39	
Carbon tetrachloride	ug/L	ND	0.50	01/13/21 10:39	
Chlorobenzene	ug/L	ND	0.50	01/13/21 10:39	
Chloroethane	ug/L	ND	1.0	01/13/21 10:39	
Chloroform	ug/L	ND	0.50	01/13/21 10:39	
Chloromethane	ug/L	ND	1.0	01/13/21 10:39	
cis-1,2-Dichloroethene	ug/L	ND	0.50	01/13/21 10:39	
cis-1,3-Dichloropropene	ug/L	ND	0.50	01/13/21 10:39	
Dibromochloromethane	ug/L	ND	0.50	01/13/21 10:39	
Dibromomethane	ug/L	ND	0.50	01/13/21 10:39	
Dichlorodifluoromethane	ug/L	ND	0.50	01/13/21 10:39	
Diisopropyl ether	ug/L	ND	0.50	01/13/21 10:39	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92516196

METHOD BLANK: 3126814 Matrix: Water
Associated Lab Samples: 92516196001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	01/13/21 10:39	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	01/13/21 10:39	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	01/13/21 10:39	
m&p-Xylene	ug/L	ND	1.0	01/13/21 10:39	
Methyl-tert-butyl ether	ug/L	ND	0.50	01/13/21 10:39	
Methylene Chloride	ug/L	ND	2.0	01/13/21 10:39	
n-Butylbenzene	ug/L	ND	0.50	01/13/21 10:39	
n-Propylbenzene	ug/L	ND	0.50	01/13/21 10:39	
Naphthalene	ug/L	ND	2.0	01/13/21 10:39	
o-Xylene	ug/L	ND	0.50	01/13/21 10:39	
sec-Butylbenzene	ug/L	ND	0.50	01/13/21 10:39	
Styrene	ug/L	ND	0.50	01/13/21 10:39	
tert-Butylbenzene	ug/L	ND	0.50	01/13/21 10:39	
Tetrachloroethene	ug/L	ND	0.50	01/13/21 10:39	
Toluene	ug/L	ND	0.50	01/13/21 10:39	
trans-1,2-Dichloroethene	ug/L	ND	0.50	01/13/21 10:39	
trans-1,3-Dichloropropene	ug/L	ND	0.50	01/13/21 10:39	
Trichloroethene	ug/L	ND	0.50	01/13/21 10:39	
Trichlorofluoromethane	ug/L	ND	1.0	01/13/21 10:39	
Vinyl chloride	ug/L	ND	1.0	01/13/21 10:39	
1,2-Dichloroethane-d4 (S)	%	100	70-130	01/13/21 10:39	
4-Bromofluorobenzene (S)	%	97	70-130	01/13/21 10:39	
Toluene-d8 (S)	%	99	70-130	01/13/21 10:39	

LABORATORY CONTROL SAMPLE: 3126815

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	56.3	113	60-140	
1,1,1-Trichloroethane	ug/L	50	52.9	106	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	55.9	112	60-140	
1,1,2-Trichloroethane	ug/L	50	55.7	111	60-140	
1,1-Dichloroethane	ug/L	50	51.5	103	60-140	
1,1-Dichloroethene	ug/L	50	53.8	108	60-140	
1,1-Dichloropropene	ug/L	50	52.2	104	60-140	
1,2,3-Trichlorobenzene	ug/L	50	56.8	114	60-140	
1,2,3-Trichloropropane	ug/L	50	54.5	109	60-140	
1,2,4-Trichlorobenzene	ug/L	50	57.9	116	60-140	
1,2,4-Trimethylbenzene	ug/L	50	56.0	112	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	61.2	122	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	58.2	116	60-140	
1,2-Dichlorobenzene	ug/L	50	54.1	108	60-140	
1,2-Dichloroethane	ug/L	50	52.1	104	60-140	
1,2-Dichloropropane	ug/L	50	54.7	109	60-140	
1,3,5-Trimethylbenzene	ug/L	50	56.4	113	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92516196

LABORATORY CONTROL SAMPLE: 3126815

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	57.4	115	60-140	
1,3-Dichloropropane	ug/L	50	56.8	114	60-140	
1,4-Dichlorobenzene	ug/L	50	53.9	108	60-140	
2,2-Dichloropropane	ug/L	50	57.9	116	60-140	
2-Chlorotoluene	ug/L	50	53.2	106	60-140	
4-Chlorotoluene	ug/L	50	56.3	113	60-140	
Benzene	ug/L	50	52.0	104	60-140	
Bromobenzene	ug/L	50	53.1	106	60-140	
Bromochloromethane	ug/L	50	55.9	112	60-140	
Bromodichloromethane	ug/L	50	51.5	103	60-140	
Bromoform	ug/L	50	60.0	120	60-140	
Bromomethane	ug/L	50	39.5	79	60-140	
Carbon tetrachloride	ug/L	50	52.7	105	60-140	
Chlorobenzene	ug/L	50	54.0	108	60-140	
Chloroethane	ug/L	50	37.6	75	60-140	
Chloroform	ug/L	50	51.5	103	60-140	
Chloromethane	ug/L	50	43.2	86	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.9	102	60-140	
cis-1,3-Dichloropropene	ug/L	50	58.9	118	60-140	
Dibromochloromethane	ug/L	50	60.7	121	60-140	
Dibromomethane	ug/L	50	57.6	115	60-140	
Dichlorodifluoromethane	ug/L	50	53.6	107	60-140	
Diisopropyl ether	ug/L	50	48.9	98	60-140	
Ethylbenzene	ug/L	50	56.3	113	60-140	
Hexachloro-1,3-butadiene	ug/L	50	59.3	119	60-140	
Isopropylbenzene (Cumene)	ug/L	50	56.6	113	60-140	
m&p-Xylene	ug/L	100	116	116	60-140	
Methyl-tert-butyl ether	ug/L	50	52.6	105	60-140	
Methylene Chloride	ug/L	50	49.0	98	60-140	
n-Butylbenzene	ug/L	50	57.6	115	60-140	
n-Propylbenzene	ug/L	50	56.3	113	60-140	
Naphthalene	ug/L	50	57.7	115	60-140	
o-Xylene	ug/L	50	53.3	107	60-140	
sec-Butylbenzene	ug/L	50	56.0	112	60-140	
Styrene	ug/L	50	57.1	114	60-140	
tert-Butylbenzene	ug/L	50	46.5	93	60-140	
Tetrachloroethene	ug/L	50	56.2	112	60-140	
Toluene	ug/L	50	54.8	110	60-140	
trans-1,2-Dichloroethene	ug/L	50	53.5	107	60-140	
trans-1,3-Dichloropropene	ug/L	50	58.3	117	60-140	
Trichloroethene	ug/L	50	55.6	111	60-140	
Trichlorofluoromethane	ug/L	50	46.3	93	60-140	
Vinyl chloride	ug/L	50	49.7	99	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92516196

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3126816 3126817

Parameter	Units	92515674002 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	<42.2	2000	2000	2340	2370	117	119	60-140	1	
1,1,1-Trichloroethane	ug/L	<27.8	2000	2000	2360	2310	118	116	60-140	2	
1,1,2,2-Tetrachloroethane	ug/L	<19.3	2000	2000	2290	2280	114	114	60-140	0	
1,1,2-Trichloroethane	ug/L	<23.2	2000	2000	2330	2300	117	115	60-140	1	
1,1-Dichloroethane	ug/L	<24.4	2000	2000	2290	2300	115	115	60-140	0	
1,1-Dichloroethene	ug/L	<21.8	2000	2000	2550	2550	128	127	60-140	0	
1,1-Dichloropropene	ug/L	<34.8	2000	2000	2450	2450	122	123	60-140	0	
1,2,3-Trichlorobenzene	ug/L	<78.1	2000	2000	2130	2300	106	115	60-140	8	
1,2,3-Trichloropropane	ug/L	<27.1	2000	2000	2180	2270	109	113	60-140	4	
1,2,4-Trichlorobenzene	ug/L	<43.6	2000	2000	2160	2360	108	118	60-140	9	
1,2,4-Trimethylbenzene	ug/L	198	2000	2000	2360	2380	108	109	60-140	1	
1,2-Dibromo-3-chloropropane	ug/L	<38.5	2000	2000	2230	2310	111	116	60-140	4	
1,2-Dibromoethane (EDB)	ug/L	<23.1	2000	2000	2410	2400	120	120	60-140	0	
1,2-Dichlorobenzene	ug/L	<24.0	2000	2000	2200	2250	110	113	60-140	2	
1,2-Dichloroethane	ug/L	<26.3	2000	2000	2290	2270	115	114	60-140	1	
1,2-Dichloropropane	ug/L	<18.3	2000	2000	2330	2330	117	116	60-140	0	
1,3,5-Trimethylbenzene	ug/L	<22.7	2000	2000	2400	2410	120	121	60-140	1	
1,3-Dichlorobenzene	ug/L	<25.0	2000	2000	2320	2350	116	117	60-140	1	
1,3-Dichloropropane	ug/L	<34.1	2000	2000	2340	2370	117	119	60-140	1	
1,4-Dichlorobenzene	ug/L	<24.9	2000	2000	2160	2220	108	111	60-140	3	
2,2-Dichloropropane	ug/L	<28.1	2000	2000	2280	2300	114	115	60-140	1	
2-Chlorotoluene	ug/L	<20.7	2000	2000	2240	2320	112	116	60-140	4	
4-Chlorotoluene	ug/L	<20.6	2000	2000	2320	2310	116	116	60-140	0	
Benzene	ug/L	<24.0	2000	2000	2240	2240	112	112	60-140	0	
Bromobenzene	ug/L	<21.5	2000	2000	2240	2240	112	112	60-140	0	
Bromochloromethane	ug/L	<25.8	2000	2000	2460	2400	123	120	60-140	2	
Bromodichloromethane	ug/L	<18.5	2000	2000	2180	2140	109	107	60-140	2	
Bromoform	ug/L	<40.5	2000	2000	2330	2360	117	118	60-140	1	
Bromomethane	ug/L	<172	2000	2000	1570	1840	78	92	60-140	16	
Carbon tetrachloride	ug/L	<23.2	2000	2000	2420	2390	121	119	60-140	2	
Chlorobenzene	ug/L	<22.5	2000	2000	2300	2310	115	116	60-140	1	
Chloroethane	ug/L	<58.5	2000	2000	2320	2290	116	114	60-140	1	
Chloroform	ug/L	<35.3	2000	2000	2210	2220	110	111	60-140	0	
Chloromethane	ug/L	<41.5	2000	2000	1900	1940	95	97	60-140	2	
cis-1,2-Dichloroethene	ug/L	<20.7	2000	2000	2250	2260	113	113	60-140	0	
cis-1,3-Dichloropropene	ug/L	<35.7	2000	2000	2450	2440	123	122	60-140	1	
Dibromochloromethane	ug/L	<40.2	2000	2000	2460	2480	123	124	60-140	1	
Dibromomethane	ug/L	<31.0	2000	2000	2400	2450	120	122	60-140	2	
Dichlorodifluoromethane	ug/L	<28.4	2000	2000	2520	2490	126	124	60-140	1	
Diisopropyl ether	ug/L	105	2000	2000	2250	2190	107	104	60-140	3	
Ethylbenzene	ug/L	<24.0	2000	2000	2400	2420	120	121	60-140	1	
Hexachloro-1,3-butadiene	ug/L	<120	2000	2000	2410	2520	120	126	60-140	4	
Isopropylbenzene (Cumene)	ug/L	<23.8	2000	2000	2440	2460	122	123	60-140	1	
m&p-Xylene	ug/L	86.5J	4000	4000	4940	4960	121	122	60-140	0	
Methyl-tert-butyl ether	ug/L	9630	2000	2000	12400	12400	139	136	60-140	0	
Methylene Chloride	ug/L	<150	2000	2000	2230	2250	112	113	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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92516196

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3126816 3126817

Parameter	Units	92515674002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
n-Butylbenzene	ug/L	<35.3	2000	2000	2300	2390	115	120	60-140	4	
n-Propylbenzene	ug/L	<24.1	2000	2000	2420	2420	121	121	60-140	0	
Naphthalene	ug/L	286	2000	2000	2130	2270	92	99	60-140	6	
o-Xylene	ug/L	<23.7	2000	2000	2260	2280	113	114	60-140	1	
sec-Butylbenzene	ug/L	<24.6	2000	2000	2370	2440	119	122	60-140	3	
Styrene	ug/L	<25.6	2000	2000	2360	2390	118	120	60-140	1	
tert-Butylbenzene	ug/L	<25.0	2000	2000	2000	2010	100	100	60-140	1	
Tetrachloroethene	ug/L	<23.2	2000	2000	2400	2420	120	121	60-140	1	
Toluene	ug/L	<22.8	2000	2000	2380	2350	119	117	60-140	1	
trans-1,2-Dichloroethene	ug/L	<25.7	2000	2000	2410	2420	120	121	60-140	0	
trans-1,3-Dichloropropene	ug/L	<39.4	2000	2000	2380	2370	119	118	60-140	0	
Trichloroethene	ug/L	<23.2	2000	2000	2420	2410	121	120	60-140	0	
Trichlorofluoromethane	ug/L	<33.6	2000	2000	2370	2400	119	120	60-140	1	
Vinyl chloride	ug/L	<40.7	2000	2000	2320	2300	116	115	60-140	1	
1,2-Dichloroethane-d4 (S)	%						104	102	70-130		
4-Bromofluorobenzene (S)	%						99	99	70-130		
Toluene-d8 (S)	%						100	99	70-130		

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92516196

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92516196

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92516196001	**13926A_HC_RD_2021112**	EPA 3010A	592280	EPA 6010D	592306
92516196001	**13926A_HC_RD_2021112**	SM 6200B	592367		

REPORT OF LABORATORY ANALYSIS

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

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

WO# : 92516196

92516196

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: Andrew.Street@apexcos.com
Copy To:	Site Collection Info/Address: 13926A Huntersville Concord Rd
Customer Project Name/Number: 2020-LI-2448 Incident	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Naomi Frete	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Naomi Frete	Turnaround Date Required: ASAP Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

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

** 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 Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs 6200B	MADEP VPH	Lead	Lab Sample # / Comments
13926A_HC_RD_20211112	DW	G	1-12-21	1555				8	X	X	X	92516196 001

Lab Profile/Line:

Lab Sample Receipt Checklist:

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

LAB USE ONLY:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: BB

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

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

Lab Tracking #: 2529467

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#: 92T664

Cooler 1 Temp Upon Receipt: 5.2 oC

Cooler 1 Therm Corr. Factor: -0.1 oC

Cooler 1 Corrected Temp: 5.1 oC

Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Frete / Apex	1-12-21 1630	[signature] / Apex	1-12-21/1630
[signature] / Apex	1-21-21/1730	TO PACE HK	1/12/21 1730

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip 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# : 92516196

PM: AMB Due Date: 01/19/21

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						1										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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

January 19, 2021

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

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92516197

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on January 12, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92516197

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92516197

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92516197001	**14401_HC_RD_2021112**	EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92516197

Sample: 14401_HC_RD_2021112 **Lab ID: 92516197001** Collected: 01/12/21 10:00 Received: 01/12/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	01/13/21 01:55	01/14/21 04:54	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		01/13/21 14:15	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		01/13/21 14:15	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		01/13/21 14:15	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		01/13/21 14:15	75-27-4	
Bromoform	ND	ug/L	0.50	1		01/13/21 14:15	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/13/21 14:15	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		01/13/21 14:15	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		01/13/21 14:15	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		01/13/21 14:15	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		01/13/21 14:15	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		01/13/21 14:15	108-90-7	
Chloroethane	ND	ug/L	1.0	1		01/13/21 14:15	75-00-3	
Chloroform	ND	ug/L	0.50	1		01/13/21 14:15	67-66-3	
Chloromethane	ND	ug/L	1.0	1		01/13/21 14:15	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		01/13/21 14:15	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		01/13/21 14:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		01/13/21 14:15	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		01/13/21 14:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		01/13/21 14:15	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		01/13/21 14:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		01/13/21 14:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		01/13/21 14:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		01/13/21 14:15	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		01/13/21 14:15	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		01/13/21 14:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		01/13/21 14:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		01/13/21 14:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		01/13/21 14:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		01/13/21 14:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		01/13/21 14:15	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		01/13/21 14:15	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		01/13/21 14:15	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		01/13/21 14:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		01/13/21 14:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		01/13/21 14:15	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		01/13/21 14:15	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		01/13/21 14:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		01/13/21 14:15	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		01/13/21 14:15	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		01/13/21 14:15	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		01/13/21 14:15	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		01/13/21 14:15	91-20-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92516197

Sample: 14401_HC_RD_2021112 **Lab ID: 92516197001** Collected: 01/12/21 10:00 Received: 01/12/21 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
n-Propylbenzene	ND	ug/L	0.50	1		01/13/21 14:15	103-65-1	
Styrene	ND	ug/L	0.50	1		01/13/21 14:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		01/13/21 14:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		01/13/21 14:15	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		01/13/21 14:15	127-18-4	
Toluene	ND	ug/L	0.50	1		01/13/21 14:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		01/13/21 14:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		01/13/21 14:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		01/13/21 14:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		01/13/21 14:15	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		01/13/21 14:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		01/13/21 14:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		01/13/21 14:15	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		01/13/21 14:15	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		01/13/21 14:15	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		01/13/21 14:15	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		01/13/21 14:15	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		01/13/21 14:15	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		01/13/21 14:15	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130	1		01/13/21 14:15	460-00-4	
Toluene-d8 (S)	99	%	70-130	1		01/13/21 14:15	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92516197

QC Batch: 592280
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92516197001

METHOD BLANK: 3126590 Matrix: Water
Associated Lab Samples: 92516197001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	01/14/21 16:03	

LABORATORY CONTROL SAMPLE: 3126591

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	490	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3126592 3126593

Parameter	Units	92515806001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Lead	ug/L	63.3	500	500	455	469	78	81	75-125	3	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92516197

QC Batch: 592367
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92516197001

METHOD BLANK: 3126814 Matrix: Water
Associated Lab Samples: 92516197001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1,1-Trichloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1,2-Trichloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1-Dichloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,1-Dichloroethene	ug/L	ND	0.50	01/13/21 10:39	
1,1-Dichloropropene	ug/L	ND	0.50	01/13/21 10:39	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	01/13/21 10:39	
1,2,3-Trichloropropane	ug/L	ND	0.50	01/13/21 10:39	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	01/13/21 10:39	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	01/13/21 10:39	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	01/13/21 10:39	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	01/13/21 10:39	
1,2-Dichlorobenzene	ug/L	ND	0.50	01/13/21 10:39	
1,2-Dichloroethane	ug/L	ND	0.50	01/13/21 10:39	
1,2-Dichloropropane	ug/L	ND	0.50	01/13/21 10:39	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	01/13/21 10:39	
1,3-Dichlorobenzene	ug/L	ND	0.50	01/13/21 10:39	
1,3-Dichloropropane	ug/L	ND	0.50	01/13/21 10:39	
1,4-Dichlorobenzene	ug/L	ND	0.50	01/13/21 10:39	
2,2-Dichloropropane	ug/L	ND	0.50	01/13/21 10:39	
2-Chlorotoluene	ug/L	ND	0.50	01/13/21 10:39	
4-Chlorotoluene	ug/L	ND	0.50	01/13/21 10:39	
Benzene	ug/L	ND	0.50	01/13/21 10:39	
Bromobenzene	ug/L	ND	0.50	01/13/21 10:39	
Bromochloromethane	ug/L	ND	0.50	01/13/21 10:39	
Bromodichloromethane	ug/L	ND	0.50	01/13/21 10:39	
Bromoform	ug/L	ND	0.50	01/13/21 10:39	
Bromomethane	ug/L	ND	5.0	01/13/21 10:39	
Carbon tetrachloride	ug/L	ND	0.50	01/13/21 10:39	
Chlorobenzene	ug/L	ND	0.50	01/13/21 10:39	
Chloroethane	ug/L	ND	1.0	01/13/21 10:39	
Chloroform	ug/L	ND	0.50	01/13/21 10:39	
Chloromethane	ug/L	ND	1.0	01/13/21 10:39	
cis-1,2-Dichloroethene	ug/L	ND	0.50	01/13/21 10:39	
cis-1,3-Dichloropropene	ug/L	ND	0.50	01/13/21 10:39	
Dibromochloromethane	ug/L	ND	0.50	01/13/21 10:39	
Dibromomethane	ug/L	ND	0.50	01/13/21 10:39	
Dichlorodifluoromethane	ug/L	ND	0.50	01/13/21 10:39	
Diisopropyl ether	ug/L	ND	0.50	01/13/21 10:39	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92516197

METHOD BLANK: 3126814 Matrix: Water
Associated Lab Samples: 92516197001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	01/13/21 10:39	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	01/13/21 10:39	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	01/13/21 10:39	
m&p-Xylene	ug/L	ND	1.0	01/13/21 10:39	
Methyl-tert-butyl ether	ug/L	ND	0.50	01/13/21 10:39	
Methylene Chloride	ug/L	ND	2.0	01/13/21 10:39	
n-Butylbenzene	ug/L	ND	0.50	01/13/21 10:39	
n-Propylbenzene	ug/L	ND	0.50	01/13/21 10:39	
Naphthalene	ug/L	ND	2.0	01/13/21 10:39	
o-Xylene	ug/L	ND	0.50	01/13/21 10:39	
sec-Butylbenzene	ug/L	ND	0.50	01/13/21 10:39	
Styrene	ug/L	ND	0.50	01/13/21 10:39	
tert-Butylbenzene	ug/L	ND	0.50	01/13/21 10:39	
Tetrachloroethene	ug/L	ND	0.50	01/13/21 10:39	
Toluene	ug/L	ND	0.50	01/13/21 10:39	
trans-1,2-Dichloroethene	ug/L	ND	0.50	01/13/21 10:39	
trans-1,3-Dichloropropene	ug/L	ND	0.50	01/13/21 10:39	
Trichloroethene	ug/L	ND	0.50	01/13/21 10:39	
Trichlorofluoromethane	ug/L	ND	1.0	01/13/21 10:39	
Vinyl chloride	ug/L	ND	1.0	01/13/21 10:39	
1,2-Dichloroethane-d4 (S)	%	100	70-130	01/13/21 10:39	
4-Bromofluorobenzene (S)	%	97	70-130	01/13/21 10:39	
Toluene-d8 (S)	%	99	70-130	01/13/21 10:39	

LABORATORY CONTROL SAMPLE: 3126815

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	56.3	113	60-140	
1,1,1-Trichloroethane	ug/L	50	52.9	106	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	55.9	112	60-140	
1,1,2-Trichloroethane	ug/L	50	55.7	111	60-140	
1,1-Dichloroethane	ug/L	50	51.5	103	60-140	
1,1-Dichloroethene	ug/L	50	53.8	108	60-140	
1,1-Dichloropropene	ug/L	50	52.2	104	60-140	
1,2,3-Trichlorobenzene	ug/L	50	56.8	114	60-140	
1,2,3-Trichloropropane	ug/L	50	54.5	109	60-140	
1,2,4-Trichlorobenzene	ug/L	50	57.9	116	60-140	
1,2,4-Trimethylbenzene	ug/L	50	56.0	112	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	61.2	122	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	58.2	116	60-140	
1,2-Dichlorobenzene	ug/L	50	54.1	108	60-140	
1,2-Dichloroethane	ug/L	50	52.1	104	60-140	
1,2-Dichloropropane	ug/L	50	54.7	109	60-140	
1,3,5-Trimethylbenzene	ug/L	50	56.4	113	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92516197

LABORATORY CONTROL SAMPLE: 3126815

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	57.4	115	60-140	
1,3-Dichloropropane	ug/L	50	56.8	114	60-140	
1,4-Dichlorobenzene	ug/L	50	53.9	108	60-140	
2,2-Dichloropropane	ug/L	50	57.9	116	60-140	
2-Chlorotoluene	ug/L	50	53.2	106	60-140	
4-Chlorotoluene	ug/L	50	56.3	113	60-140	
Benzene	ug/L	50	52.0	104	60-140	
Bromobenzene	ug/L	50	53.1	106	60-140	
Bromochloromethane	ug/L	50	55.9	112	60-140	
Bromodichloromethane	ug/L	50	51.5	103	60-140	
Bromoform	ug/L	50	60.0	120	60-140	
Bromomethane	ug/L	50	39.5	79	60-140	
Carbon tetrachloride	ug/L	50	52.7	105	60-140	
Chlorobenzene	ug/L	50	54.0	108	60-140	
Chloroethane	ug/L	50	37.6	75	60-140	
Chloroform	ug/L	50	51.5	103	60-140	
Chloromethane	ug/L	50	43.2	86	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.9	102	60-140	
cis-1,3-Dichloropropene	ug/L	50	58.9	118	60-140	
Dibromochloromethane	ug/L	50	60.7	121	60-140	
Dibromomethane	ug/L	50	57.6	115	60-140	
Dichlorodifluoromethane	ug/L	50	53.6	107	60-140	
Diisopropyl ether	ug/L	50	48.9	98	60-140	
Ethylbenzene	ug/L	50	56.3	113	60-140	
Hexachloro-1,3-butadiene	ug/L	50	59.3	119	60-140	
Isopropylbenzene (Cumene)	ug/L	50	56.6	113	60-140	
m&p-Xylene	ug/L	100	116	116	60-140	
Methyl-tert-butyl ether	ug/L	50	52.6	105	60-140	
Methylene Chloride	ug/L	50	49.0	98	60-140	
n-Butylbenzene	ug/L	50	57.6	115	60-140	
n-Propylbenzene	ug/L	50	56.3	113	60-140	
Naphthalene	ug/L	50	57.7	115	60-140	
o-Xylene	ug/L	50	53.3	107	60-140	
sec-Butylbenzene	ug/L	50	56.0	112	60-140	
Styrene	ug/L	50	57.1	114	60-140	
tert-Butylbenzene	ug/L	50	46.5	93	60-140	
Tetrachloroethene	ug/L	50	56.2	112	60-140	
Toluene	ug/L	50	54.8	110	60-140	
trans-1,2-Dichloroethene	ug/L	50	53.5	107	60-140	
trans-1,3-Dichloropropene	ug/L	50	58.3	117	60-140	
Trichloroethene	ug/L	50	55.6	111	60-140	
Trichlorofluoromethane	ug/L	50	46.3	93	60-140	
Vinyl chloride	ug/L	50	49.7	99	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92516197

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3126816 3126817

Parameter	Units	92515674002 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	<42.2	2000	2000	2340	2370	117	119	60-140	1	
1,1,1-Trichloroethane	ug/L	<27.8	2000	2000	2360	2310	118	116	60-140	2	
1,1,2,2-Tetrachloroethane	ug/L	<19.3	2000	2000	2290	2280	114	114	60-140	0	
1,1,2-Trichloroethane	ug/L	<23.2	2000	2000	2330	2300	117	115	60-140	1	
1,1-Dichloroethane	ug/L	<24.4	2000	2000	2290	2300	115	115	60-140	0	
1,1-Dichloroethene	ug/L	<21.8	2000	2000	2550	2550	128	127	60-140	0	
1,1-Dichloropropene	ug/L	<34.8	2000	2000	2450	2450	122	123	60-140	0	
1,2,3-Trichlorobenzene	ug/L	<78.1	2000	2000	2130	2300	106	115	60-140	8	
1,2,3-Trichloropropane	ug/L	<27.1	2000	2000	2180	2270	109	113	60-140	4	
1,2,4-Trichlorobenzene	ug/L	<43.6	2000	2000	2160	2360	108	118	60-140	9	
1,2,4-Trimethylbenzene	ug/L	198	2000	2000	2360	2380	108	109	60-140	1	
1,2-Dibromo-3-chloropropane	ug/L	<38.5	2000	2000	2230	2310	111	116	60-140	4	
1,2-Dibromoethane (EDB)	ug/L	<23.1	2000	2000	2410	2400	120	120	60-140	0	
1,2-Dichlorobenzene	ug/L	<24.0	2000	2000	2200	2250	110	113	60-140	2	
1,2-Dichloroethane	ug/L	<26.3	2000	2000	2290	2270	115	114	60-140	1	
1,2-Dichloropropane	ug/L	<18.3	2000	2000	2330	2330	117	116	60-140	0	
1,3,5-Trimethylbenzene	ug/L	<22.7	2000	2000	2400	2410	120	121	60-140	1	
1,3-Dichlorobenzene	ug/L	<25.0	2000	2000	2320	2350	116	117	60-140	1	
1,3-Dichloropropane	ug/L	<34.1	2000	2000	2340	2370	117	119	60-140	1	
1,4-Dichlorobenzene	ug/L	<24.9	2000	2000	2160	2220	108	111	60-140	3	
2,2-Dichloropropane	ug/L	<28.1	2000	2000	2280	2300	114	115	60-140	1	
2-Chlorotoluene	ug/L	<20.7	2000	2000	2240	2320	112	116	60-140	4	
4-Chlorotoluene	ug/L	<20.6	2000	2000	2320	2310	116	116	60-140	0	
Benzene	ug/L	<24.0	2000	2000	2240	2240	112	112	60-140	0	
Bromobenzene	ug/L	<21.5	2000	2000	2240	2240	112	112	60-140	0	
Bromochloromethane	ug/L	<25.8	2000	2000	2460	2400	123	120	60-140	2	
Bromodichloromethane	ug/L	<18.5	2000	2000	2180	2140	109	107	60-140	2	
Bromoform	ug/L	<40.5	2000	2000	2330	2360	117	118	60-140	1	
Bromomethane	ug/L	<172	2000	2000	1570	1840	78	92	60-140	16	
Carbon tetrachloride	ug/L	<23.2	2000	2000	2420	2390	121	119	60-140	2	
Chlorobenzene	ug/L	<22.5	2000	2000	2300	2310	115	116	60-140	1	
Chloroethane	ug/L	<58.5	2000	2000	2320	2290	116	114	60-140	1	
Chloroform	ug/L	<35.3	2000	2000	2210	2220	110	111	60-140	0	
Chloromethane	ug/L	<41.5	2000	2000	1900	1940	95	97	60-140	2	
cis-1,2-Dichloroethene	ug/L	<20.7	2000	2000	2250	2260	113	113	60-140	0	
cis-1,3-Dichloropropene	ug/L	<35.7	2000	2000	2450	2440	123	122	60-140	1	
Dibromochloromethane	ug/L	<40.2	2000	2000	2460	2480	123	124	60-140	1	
Dibromomethane	ug/L	<31.0	2000	2000	2400	2450	120	122	60-140	2	
Dichlorodifluoromethane	ug/L	<28.4	2000	2000	2520	2490	126	124	60-140	1	
Diisopropyl ether	ug/L	105	2000	2000	2250	2190	107	104	60-140	3	
Ethylbenzene	ug/L	<24.0	2000	2000	2400	2420	120	121	60-140	1	
Hexachloro-1,3-butadiene	ug/L	<120	2000	2000	2410	2520	120	126	60-140	4	
Isopropylbenzene (Cumene)	ug/L	<23.8	2000	2000	2440	2460	122	123	60-140	1	
m&p-Xylene	ug/L	86.5J	4000	4000	4940	4960	121	122	60-140	0	
Methyl-tert-butyl ether	ug/L	9630	2000	2000	12400	12400	139	136	60-140	0	
Methylene Chloride	ug/L	<150	2000	2000	2230	2250	112	113	60-140	1	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92516197

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3126816 3126817

Parameter	Units	92515674002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
n-Butylbenzene	ug/L	<35.3	2000	2000	2300	2390	115	120	60-140	4	
n-Propylbenzene	ug/L	<24.1	2000	2000	2420	2420	121	121	60-140	0	
Naphthalene	ug/L	286	2000	2000	2130	2270	92	99	60-140	6	
o-Xylene	ug/L	<23.7	2000	2000	2260	2280	113	114	60-140	1	
sec-Butylbenzene	ug/L	<24.6	2000	2000	2370	2440	119	122	60-140	3	
Styrene	ug/L	<25.6	2000	2000	2360	2390	118	120	60-140	1	
tert-Butylbenzene	ug/L	<25.0	2000	2000	2000	2010	100	100	60-140	1	
Tetrachloroethene	ug/L	<23.2	2000	2000	2400	2420	120	121	60-140	1	
Toluene	ug/L	<22.8	2000	2000	2380	2350	119	117	60-140	1	
trans-1,2-Dichloroethene	ug/L	<25.7	2000	2000	2410	2420	120	121	60-140	0	
trans-1,3-Dichloropropene	ug/L	<39.4	2000	2000	2380	2370	119	118	60-140	0	
Trichloroethene	ug/L	<23.2	2000	2000	2420	2410	121	120	60-140	0	
Trichlorofluoromethane	ug/L	<33.6	2000	2000	2370	2400	119	120	60-140	1	
Vinyl chloride	ug/L	<40.7	2000	2000	2320	2300	116	115	60-140	1	
1,2-Dichloroethane-d4 (S)	%						104	102	70-130		
4-Bromofluorobenzene (S)	%						99	99	70-130		
Toluene-d8 (S)	%						100	99	70-130		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92516197

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92516197

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92516197001	**14401_HC_RD_2021112**	EPA 3010A	592280	EPA 6010D	592306
92516197001	**14401_HC_RD_2021112**	SM 6200B	592367		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

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

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

WO# : 92516197

92516197

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Strat	Email To: Andrew.Strat@apexcos.com
Copy To:	Site Collection Info/Address: 14401 Huntersville Concord Rd
Customer Project Name/Number: 2020-LI-2448 Incident	State: NC County/City: Huntersville Time Zone Collected: [ ]PT [ ]MT [ ]CT [ ]ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Naomi Fretz	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Naomi Fretz	Turnaround Date Required: ASAP Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

** Preservative Types (1) HCl, (2) nitric acid, (3) sulfuric acid, (4) sodium hydroxide, (5) sodium thiosulfate, (6) methanol, (7) sodium bisulfate, (8) hexane, (9) zinc acetate, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* 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	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs 6200B	MADEP VPH	Lead							Lab Profile/Line:
14401_HC_RD_20211112	DW	G	1-12-21	1000				8	X	X	X							001

Lab Sample Receipt Checklist:

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

LAB USE ONLY:
Lab Sample # / Comments:
92516197

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: BB

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

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

Lab Tracking #: 2529462

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 92T064
Cooler 1 Temp Upon Receipt: 5.2 oC
Cooler 1 Therm Corr. Factor: -0.1 oC
Cooler 1 Corrected Temp: 5.1 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Fretz / Apex	1-12-21 1630	[signature] / Apex	1-12-21/1630
[signature] / Apex	1-12-21/1730	[signature]	1/12/21 1730
[signature]			

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip 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#: 92516197**

PM: AMB Due Date: 01/19/21

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						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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

January 27, 2021

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

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92517218

Dear Andrew Street:

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

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

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517218

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92517218

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92517218001	**DUP-1**	MADEP VPH	BMB, DWR	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92517218002	**FB-1**	MADEP VPH	DWR	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92517218003	**TRIP BLANK**	SM 6200B	PM1	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517218

Sample: DUP-1 **Lab ID: 92517218001** Collected: 01/19/21 00:00 Received: 01/19/21 11:02 Matrix: Water

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/L	100	1	01/23/21 11:35	01/23/21 11:35		
Aliphatic (C09-C12)	ND	ug/L	100	1	01/26/21 15:26	01/26/21 15:26		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	01/23/21 11:35	01/23/21 11:35	TPHC9C10A	
Total VPH	ND	ug/L	100	1	01/26/21 15:26	01/26/21 15:26	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	95.4	%	70.0-130	1	01/23/21 11:35	01/23/21 11:35	615-59-8FID	
2,5-Dibromotoluene (FID)	84.9	%	70.0-130	1	01/26/21 15:26	01/26/21 15:26	615-59-8FID	
2,5-Dibromotoluene (PID)	83.8	%	70.0-130	1	01/23/21 11:35	01/23/21 11:35	615-59-8PID	
2,5-Dibromotoluene (PID)	75.1	%	70.0-130	1	01/26/21 15:26	01/26/21 15:26	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	01/20/21 01:50	01/20/21 15:02	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		01/22/21 13:57	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		01/22/21 13:57	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		01/22/21 13:57	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		01/22/21 13:57	75-27-4	
Bromoform	ND	ug/L	0.50	1		01/22/21 13:57	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/22/21 13:57	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		01/22/21 13:57	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		01/22/21 13:57	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		01/22/21 13:57	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		01/22/21 13:57	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		01/22/21 13:57	108-90-7	
Chloroethane	ND	ug/L	1.0	1		01/22/21 13:57	75-00-3	
Chloroform	**8.6**	ug/L	0.50	1		01/22/21 13:57	67-66-3	
Chloromethane	ND	ug/L	1.0	1		01/22/21 13:57	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		01/22/21 13:57	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		01/22/21 13:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		01/22/21 13:57	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		01/22/21 13:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		01/22/21 13:57	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		01/22/21 13:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		01/22/21 13:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		01/22/21 13:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		01/22/21 13:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		01/22/21 13:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		01/22/21 13:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		01/22/21 13:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		01/22/21 13:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		01/22/21 13:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		01/22/21 13:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		01/22/21 13:57	78-87-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517218

Sample: DUP-1 **Lab ID: 92517218001** Collected: 01/19/21 00:00 Received: 01/19/21 11:02 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	1		01/22/21 13:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		01/22/21 13:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		01/22/21 13:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		01/22/21 13:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		01/22/21 13:57	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		01/22/21 13:57	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		01/22/21 13:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		01/22/21 13:57	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		01/22/21 13:57	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		01/22/21 13:57	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		01/22/21 13:57	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		01/22/21 13:57	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		01/22/21 13:57	103-65-1	
Styrene	ND	ug/L	0.50	1		01/22/21 13:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		01/22/21 13:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		01/22/21 13:57	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		01/22/21 13:57	127-18-4	
Toluene	ND	ug/L	0.50	1		01/22/21 13:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		01/22/21 13:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		01/22/21 13:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		01/22/21 13:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		01/22/21 13:57	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		01/22/21 13:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		01/22/21 13:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		01/22/21 13:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		01/22/21 13:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		01/22/21 13:57	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		01/22/21 13:57	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		01/22/21 13:57	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		01/22/21 13:57	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		01/22/21 13:57	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130	1		01/22/21 13:57	460-00-4	
Toluene-d8 (S)	98	%	70-130	1		01/22/21 13:57	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517218

Sample: FB-1 **Lab ID: 92517218002** Collected: 01/19/21 00:00 Received: 01/19/21 11:02 Matrix: Water

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/L	100	1	01/23/21 06:04	01/23/21 06:04		
Aliphatic (C09-C12)	ND	ug/L	100	1	01/23/21 06:04	01/23/21 06:04		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	01/23/21 06:04	01/23/21 06:04	TPHC9C10A	
Total VPH	ND	ug/L	100	1	01/23/21 06:04	01/23/21 06:04	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	91.8	%	70.0-130	1	01/23/21 06:04	01/23/21 06:04	615-59-8FID	
2,5-Dibromotoluene (PID)	84.6	%	70.0-130	1	01/23/21 06:04	01/23/21 06:04	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	01/20/21 01:50	01/20/21 15:05	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		01/21/21 03:13	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		01/21/21 03:13	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		01/21/21 03:13	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		01/21/21 03:13	75-27-4	
Bromoform	ND	ug/L	0.50	1		01/21/21 03:13	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/21/21 03:13	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		01/21/21 03:13	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		01/21/21 03:13	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		01/21/21 03:13	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		01/21/21 03:13	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		01/21/21 03:13	108-90-7	
Chloroethane	ND	ug/L	1.0	1		01/21/21 03:13	75-00-3	
Chloroform	ND	ug/L	0.50	1		01/21/21 03:13	67-66-3	
Chloromethane	ND	ug/L	1.0	1		01/21/21 03:13	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		01/21/21 03:13	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		01/21/21 03:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		01/21/21 03:13	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		01/21/21 03:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		01/21/21 03:13	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		01/21/21 03:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		01/21/21 03:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		01/21/21 03:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		01/21/21 03:13	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		01/21/21 03:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		01/21/21 03:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		01/21/21 03:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		01/21/21 03:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		01/21/21 03:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		01/21/21 03:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		01/21/21 03:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		01/21/21 03:13	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		01/21/21 03:13	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517218

Sample: FB-1 **Lab ID: 92517218002** Collected: 01/19/21 00:00 Received: 01/19/21 11:02 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		01/21/21 03:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		01/21/21 03:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		01/21/21 03:13	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		01/21/21 03:13	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		01/21/21 03:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		01/21/21 03:13	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		01/21/21 03:13	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		01/21/21 03:13	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		01/21/21 03:13	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		01/21/21 03:13	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		01/21/21 03:13	103-65-1	
Styrene	ND	ug/L	0.50	1		01/21/21 03:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		01/21/21 03:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		01/21/21 03:13	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		01/21/21 03:13	127-18-4	
Toluene	ND	ug/L	0.50	1		01/21/21 03:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		01/21/21 03:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		01/21/21 03:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		01/21/21 03:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		01/21/21 03:13	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		01/21/21 03:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		01/21/21 03:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		01/21/21 03:13	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		01/21/21 03:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		01/21/21 03:13	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		01/21/21 03:13	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		01/21/21 03:13	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		01/21/21 03:13	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	91	%	70-130	1		01/21/21 03:13	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130	1		01/21/21 03:13	460-00-4	
Toluene-d8 (S)	97	%	70-130	1		01/21/21 03:13	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517218

Sample: TRIP BLANK **Lab ID: 92517218003** Collected: 01/19/21 00:00 Received: 01/19/21 11:02 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		01/21/21 03:32	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		01/21/21 03:32	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		01/21/21 03:32	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		01/21/21 03:32	75-27-4	
Bromoform	ND	ug/L	0.50	1		01/21/21 03:32	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/21/21 03:32	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		01/21/21 03:32	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		01/21/21 03:32	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		01/21/21 03:32	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		01/21/21 03:32	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		01/21/21 03:32	108-90-7	
Chloroethane	ND	ug/L	1.0	1		01/21/21 03:32	75-00-3	
Chloroform	ND	ug/L	0.50	1		01/21/21 03:32	67-66-3	
Chloromethane	ND	ug/L	1.0	1		01/21/21 03:32	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		01/21/21 03:32	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		01/21/21 03:32	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		01/21/21 03:32	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		01/21/21 03:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		01/21/21 03:32	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		01/21/21 03:32	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		01/21/21 03:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		01/21/21 03:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		01/21/21 03:32	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		01/21/21 03:32	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		01/21/21 03:32	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		01/21/21 03:32	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		01/21/21 03:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		01/21/21 03:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		01/21/21 03:32	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		01/21/21 03:32	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		01/21/21 03:32	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		01/21/21 03:32	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		01/21/21 03:32	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		01/21/21 03:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		01/21/21 03:32	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		01/21/21 03:32	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		01/21/21 03:32	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		01/21/21 03:32	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		01/21/21 03:32	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		01/21/21 03:32	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		01/21/21 03:32	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		01/21/21 03:32	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		01/21/21 03:32	103-65-1	
Styrene	ND	ug/L	0.50	1		01/21/21 03:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		01/21/21 03:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		01/21/21 03:32	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517218

Sample: TRIP BLANK **Lab ID: 92517218003** Collected: 01/19/21 00:00 Received: 01/19/21 11:02 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		01/21/21 03:32	127-18-4	
Toluene	ND	ug/L	0.50	1		01/21/21 03:32	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		01/21/21 03:32	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		01/21/21 03:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		01/21/21 03:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		01/21/21 03:32	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		01/21/21 03:32	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		01/21/21 03:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		01/21/21 03:32	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		01/21/21 03:32	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		01/21/21 03:32	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		01/21/21 03:32	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		01/21/21 03:32	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		01/21/21 03:32	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	90	%	70-130	1		01/21/21 03:32	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130	1		01/21/21 03:32	460-00-4	
Toluene-d8 (S)	96	%	70-130	1		01/21/21 03:32	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517218

QC Batch: 1610366
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92517218001, 92517218002

METHOD BLANK: R3616118-3 Matrix: Water
Associated Lab Samples: 92517218001, 92517218002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	01/23/21 05:30	
Aliphatic (C09-C12)	ug/L	ND	100	01/23/21 05:30	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	01/23/21 05:30	
Total VPH	ug/L	ND	100	01/23/21 05:30	
2,5-Dibromotoluene (FID)	%	89	70.0-130	01/23/21 05:30	
2,5-Dibromotoluene (PID)	%	82.5	70.0-130	01/23/21 05:30	

LABORATORY CONTROL SAMPLE & LCSD: R3616118-1 R3616118-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1330	1320	111	110	70.0-130	0.755	25	
Aliphatic (C09-C12)	ug/L	1400	1730	1700	124	121	70.0-130	1.75	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	225	218	112	109	70.0-130	3.16	25	
Total VPH	ug/L	2800	3290	3240	118	116	70.0-130	1.53	25	
2,5-Dibromotoluene (FID)	%				99.2	96.1	70.0-130			
2,5-Dibromotoluene (PID)	%				93.8	90.0	70.0-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517218

QC Batch: 1611496
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92517218001

METHOD BLANK: R3616425-3 Matrix: Water
Associated Lab Samples: 92517218001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C09-C12)	ug/L	ND	100	01/26/21 13:38	
Total VPH	ug/L	ND	100	01/26/21 13:38	
2,5-Dibromotoluene (FID)	%	79.9	70.0-130	01/26/21 13:38	
2,5-Dibromotoluene (PID)	%	70.7	70.0-130	01/26/21 13:38	

LABORATORY CONTROL SAMPLE & LCSD: R3616425-1 R3616425-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C09-C12)	ug/L	1400	1460	1450	104	104	70.0-130	0.687	25	
Total VPH	ug/L	2800	2870	2860	103	102	70.0-130	0.349	25	
2,5-Dibromotoluene (FID)	%				86.2	84.8	70.0-130			
2,5-Dibromotoluene (PID)	%				76.9	75.7	70.0-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517218

QC Batch: 593861
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92517218001, 92517218002

METHOD BLANK: 3133679 Matrix: Water
Associated Lab Samples: 92517218001, 92517218002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	01/20/21 11:22	

LABORATORY CONTROL SAMPLE: 3133680

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	479	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3133681 3133682

Parameter	Units	92517376001 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	495	493	98	98	75-125	1	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517218

QC Batch: 594111
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92517218002, 92517218003

METHOD BLANK: 3134717 Matrix: Water
Associated Lab Samples: 92517218002, 92517218003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	01/21/21 02:55	
1,1,1-Trichloroethane	ug/L	ND	0.50	01/21/21 02:55	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	01/21/21 02:55	
1,1,2-Trichloroethane	ug/L	ND	0.50	01/21/21 02:55	
1,1-Dichloroethane	ug/L	ND	0.50	01/21/21 02:55	
1,1-Dichloroethene	ug/L	ND	0.50	01/21/21 02:55	
1,1-Dichloropropene	ug/L	ND	0.50	01/21/21 02:55	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	01/21/21 02:55	
1,2,3-Trichloropropane	ug/L	ND	0.50	01/21/21 02:55	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	01/21/21 02:55	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	01/21/21 02:55	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	01/21/21 02:55	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	01/21/21 02:55	
1,2-Dichlorobenzene	ug/L	ND	0.50	01/21/21 02:55	
1,2-Dichloroethane	ug/L	ND	0.50	01/21/21 02:55	
1,2-Dichloropropane	ug/L	ND	0.50	01/21/21 02:55	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	01/21/21 02:55	
1,3-Dichlorobenzene	ug/L	ND	0.50	01/21/21 02:55	
1,3-Dichloropropane	ug/L	ND	0.50	01/21/21 02:55	
1,4-Dichlorobenzene	ug/L	ND	0.50	01/21/21 02:55	
2,2-Dichloropropane	ug/L	ND	0.50	01/21/21 02:55	
2-Chlorotoluene	ug/L	ND	0.50	01/21/21 02:55	
4-Chlorotoluene	ug/L	ND	0.50	01/21/21 02:55	
Benzene	ug/L	ND	0.50	01/21/21 02:55	
Bromobenzene	ug/L	ND	0.50	01/21/21 02:55	
Bromochloromethane	ug/L	ND	0.50	01/21/21 02:55	
Bromodichloromethane	ug/L	ND	0.50	01/21/21 02:55	
Bromoform	ug/L	ND	0.50	01/21/21 02:55	
Bromomethane	ug/L	ND	5.0	01/21/21 02:55	
Carbon tetrachloride	ug/L	ND	0.50	01/21/21 02:55	
Chlorobenzene	ug/L	ND	0.50	01/21/21 02:55	
Chloroethane	ug/L	ND	1.0	01/21/21 02:55	
Chloroform	ug/L	ND	0.50	01/21/21 02:55	
Chloromethane	ug/L	ND	1.0	01/21/21 02:55	
cis-1,2-Dichloroethene	ug/L	ND	0.50	01/21/21 02:55	
cis-1,3-Dichloropropene	ug/L	ND	0.50	01/21/21 02:55	
Dibromochloromethane	ug/L	ND	0.50	01/21/21 02:55	
Dibromomethane	ug/L	ND	0.50	01/21/21 02:55	
Dichlorodifluoromethane	ug/L	ND	0.50	01/21/21 02:55	
Diisopropyl ether	ug/L	ND	0.50	01/21/21 02:55	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517218

METHOD BLANK: 3134717 Matrix: Water
Associated Lab Samples: 92517218002, 92517218003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	01/21/21 02:55	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	01/21/21 02:55	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	01/21/21 02:55	
m&p-Xylene	ug/L	ND	1.0	01/21/21 02:55	
Methyl-tert-butyl ether	ug/L	ND	0.50	01/21/21 02:55	
Methylene Chloride	ug/L	ND	2.0	01/21/21 02:55	
n-Butylbenzene	ug/L	ND	0.50	01/21/21 02:55	
n-Propylbenzene	ug/L	ND	0.50	01/21/21 02:55	
Naphthalene	ug/L	ND	2.0	01/21/21 02:55	
o-Xylene	ug/L	ND	0.50	01/21/21 02:55	
sec-Butylbenzene	ug/L	ND	0.50	01/21/21 02:55	
Styrene	ug/L	ND	0.50	01/21/21 02:55	
tert-Butylbenzene	ug/L	ND	0.50	01/21/21 02:55	
Tetrachloroethene	ug/L	ND	0.50	01/21/21 02:55	
Toluene	ug/L	ND	0.50	01/21/21 02:55	
trans-1,2-Dichloroethene	ug/L	ND	0.50	01/21/21 02:55	
trans-1,3-Dichloropropene	ug/L	ND	0.50	01/21/21 02:55	
Trichloroethene	ug/L	ND	0.50	01/21/21 02:55	
Trichlorofluoromethane	ug/L	ND	1.0	01/21/21 02:55	
Vinyl chloride	ug/L	ND	1.0	01/21/21 02:55	
1,2-Dichloroethane-d4 (S)	%	91	70-130	01/21/21 02:55	
4-Bromofluorobenzene (S)	%	97	70-130	01/21/21 02:55	
Toluene-d8 (S)	%	96	70-130	01/21/21 02:55	

LABORATORY CONTROL SAMPLE: 3134718

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.6	105	60-140	
1,1,1-Trichloroethane	ug/L	50	44.5	89	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	46.0	92	60-140	
1,1,2-Trichloroethane	ug/L	50	47.9	96	60-140	
1,1-Dichloroethane	ug/L	50	48.6	97	60-140	
1,1-Dichloroethene	ug/L	50	51.5	103	60-140	
1,1-Dichloropropene	ug/L	50	48.7	97	60-140	
1,2,3-Trichlorobenzene	ug/L	50	50.7	101	60-140	
1,2,3-Trichloropropane	ug/L	50	44.7	89	60-140	
1,2,4-Trichlorobenzene	ug/L	50	51.6	103	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.6	97	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	51.7	103	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.2	100	60-140	
1,2-Dichlorobenzene	ug/L	50	52.6	105	60-140	
1,2-Dichloroethane	ug/L	50	47.2	94	60-140	
1,2-Dichloropropane	ug/L	50	51.5	103	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.5	99	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517218

LABORATORY CONTROL SAMPLE: 3134718

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	49.2	98	60-140	
1,4-Dichlorobenzene	ug/L	50	51.5	103	60-140	
2,2-Dichloropropane	ug/L	50	43.6	87	60-140	
2-Chlorotoluene	ug/L	50	47.6	95	60-140	
4-Chlorotoluene	ug/L	50	48.3	97	60-140	
Benzene	ug/L	50	47.7	95	60-140	
Bromobenzene	ug/L	50	51.5	103	60-140	
Bromochloromethane	ug/L	50	48.5	97	60-140	
Bromodichloromethane	ug/L	50	44.4	89	60-140	
Bromoform	ug/L	50	53.1	106	60-140	
Bromomethane	ug/L	50	54.7	109	60-140	
Carbon tetrachloride	ug/L	50	51.2	102	60-140	
Chlorobenzene	ug/L	50	50.4	101	60-140	
Chloroethane	ug/L	50	39.5	79	60-140	
Chloroform	ug/L	50	42.5	85	60-140	
Chloromethane	ug/L	50	42.4	85	60-140	
cis-1,2-Dichloroethene	ug/L	50	48.5	97	60-140	
cis-1,3-Dichloropropene	ug/L	50	48.8	98	60-140	
Dibromochloromethane	ug/L	50	53.1	106	60-140	
Dibromomethane	ug/L	50	53.8	108	60-140	
Dichlorodifluoromethane	ug/L	50	46.3	93	60-140	
Diisopropyl ether	ug/L	50	48.4	97	60-140	
Ethylbenzene	ug/L	50	47.2	94	60-140	
Hexachloro-1,3-butadiene	ug/L	50	52.0	104	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.5	101	60-140	
m&p-Xylene	ug/L	100	97.1	97	60-140	
Methyl-tert-butyl ether	ug/L	50	45.3	91	60-140	
Methylene Chloride	ug/L	50	49.2	98	60-140	
n-Butylbenzene	ug/L	50	47.2	94	60-140	
n-Propylbenzene	ug/L	50	47.2	94	60-140	
Naphthalene	ug/L	50	50.9	102	60-140	
o-Xylene	ug/L	50	50.4	101	60-140	
sec-Butylbenzene	ug/L	50	49.1	98	60-140	
Styrene	ug/L	50	50.6	101	60-140	
tert-Butylbenzene	ug/L	50	38.4	77	60-140	
Tetrachloroethene	ug/L	50	51.8	104	60-140	
Toluene	ug/L	50	46.4	93	60-140	
trans-1,2-Dichloroethene	ug/L	50	50.6	101	60-140	
trans-1,3-Dichloropropene	ug/L	50	47.5	95	60-140	
Trichloroethene	ug/L	50	52.5	105	60-140	
Trichlorofluoromethane	ug/L	50	43.1	86	60-140	
Vinyl chloride	ug/L	50	44.0	88	60-140	
1,2-Dichloroethane-d4 (S)	%			85	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	
Toluene-d8 (S)	%			96	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517218

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3134719 3134720

Parameter	Units	92517215005 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	24.7	18.4	124	92	60-140	29	
1,1,1-Trichloroethane	ug/L	ND	20	20	21.7	16.3	109	82	60-140	28	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	21.4	16.4	107	82	60-140	27	
1,1,2-Trichloroethane	ug/L	ND	20	20	22.2	16.9	111	84	60-140	27	
1,1-Dichloroethane	ug/L	ND	20	20	24.2	18.0	121	90	60-140	29	
1,1-Dichloroethene	ug/L	ND	20	20	25.5	19.2	128	96	60-140	28	
1,1-Dichloropropene	ug/L	ND	20	20	23.9	17.9	120	89	60-140	29	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	23.1	17.8	116	89	60-140	26	
1,2,3-Trichloropropane	ug/L	ND	20	20	21.3	16.4	106	82	60-140	26	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	23.6	18.3	118	92	60-140	25	
1,2,4-Trimethylbenzene	ug/L	81.5	20	20	100	99.9	94	92	60-140	0	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	22.3	17.5	112	88	60-140	24	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.9	17.5	115	88	60-140	27	
1,2-Dichlorobenzene	ug/L	ND	20	20	23.8	18.8	119	94	60-140	23	
1,2-Dichloroethane	ug/L	ND	20	20	22.3	16.9	112	84	60-140	28	
1,2-Dichloropropane	ug/L	ND	20	20	25.2	19.5	126	97	60-140	26	
1,3,5-Trimethylbenzene	ug/L	28.5	20	20	50.9	47.4	112	94	60-140	7	
1,3-Dichlorobenzene	ug/L	ND	20	20	23.6	18.3	118	91	60-140	25	
1,3-Dichloropropane	ug/L	ND	20	20	23.0	17.8	115	89	60-140	26	
1,4-Dichlorobenzene	ug/L	ND	20	20	23.6	18.3	118	91	60-140	25	
2,2-Dichloropropane	ug/L	ND	20	20	23.2	17.3	116	87	60-140	29	
2-Chlorotoluene	ug/L	ND	20	20	26.7	22.8	134	114	60-140	16	
4-Chlorotoluene	ug/L	ND	20	20	22.0	17.1	110	85	60-140	25	
Benzene	ug/L	16.5	20	20	40.7	35.0	121	93	60-140	15	
Bromobenzene	ug/L	ND	20	20	23.9	18.6	120	93	60-140	25	
Bromochloromethane	ug/L	ND	20	20	23.5	17.9	118	89	60-140	27	
Bromodichloromethane	ug/L	ND	20	20	21.2	15.9	106	80	60-140	28	
Bromoform	ug/L	ND	20	20	23.2	17.7	116	89	60-140	27	
Bromomethane	ug/L	ND	20	20	21.4	16.2	107	81	60-140	28	
Carbon tetrachloride	ug/L	ND	20	20	25.9	19.4	129	97	60-140	29	
Chlorobenzene	ug/L	ND	20	20	24.2	18.7	121	94	60-140	25	
Chloroethane	ug/L	ND	20	20	19.0	14.7	95	74	60-140	25	
Chloroform	ug/L	ND	20	20	20.8	15.6	104	78	60-140	28	
Chloromethane	ug/L	ND	20	20	19.1	14.2	95	71	60-140	29	
cis-1,2-Dichloroethene	ug/L	ND	20	20	23.7	18.0	119	90	60-140	27	
cis-1,3-Dichloropropene	ug/L	ND	20	20	22.9	17.4	115	87	60-140	28	
Dibromochloromethane	ug/L	ND	20	20	24.3	18.7	121	93	60-140	26	
Dibromomethane	ug/L	ND	20	20	25.5	19.3	127	96	60-140	28	
Dichlorodifluoromethane	ug/L	ND	20	20	19.5	14.7	97	74	60-140	28	
Diisopropyl ether	ug/L	ND	20	20	23.7	17.3	118	86	60-140	31	R1
Ethylbenzene	ug/L	19.2	20	20	41.7	37.6	112	92	60-140	10	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	23.0	18.1	115	91	60-140	24	
Isopropylbenzene (Cumene)	ug/L	5.0	20	20	29.1	24.1	121	96	60-140	19	
m&p-Xylene	ug/L	25.7	40	40	72.3	62.9	116	93	60-140	14	
Methyl-tert-butyl ether	ug/L	ND	20	20	20.7	15.4	103	77	60-140	29	
Methylene Chloride	ug/L	ND	20	20	24.3	18.3	121	92	60-140	28	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517218

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3134719 3134720

Parameter	Units	92517215005 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	25.0	20.5	125	103	60-140	20	
n-Propylbenzene	ug/L	ND	20	20	26.8	22.7	134	113	60-140	17	
Naphthalene	ug/L	102	20	20	120	122	88	99	60-140	2	
o-Xylene	ug/L	61.4	20	20	85.0	81.8	118	102	60-140	4	
sec-Butylbenzene	ug/L	ND	20	20	25.1	20.4	125	102	60-140	21	
Styrene	ug/L	ND	20	20	25.2	20.0	126	100	60-140	23	
tert-Butylbenzene	ug/L	ND	20	20	18.6	15.0	93	75	60-140	22	
Tetrachloroethene	ug/L	ND	20	20	24.6	19.0	123	95	60-140	25	
Toluene	ug/L	0.94	20	20	23.8	18.3	114	87	60-140	26	
trans-1,2-Dichloroethene	ug/L	ND	20	20	24.9	18.9	125	95	60-140	27	
trans-1,3-Dichloropropene	ug/L	ND	20	20	22.3	16.7	111	83	60-140	29	
Trichloroethene	ug/L	ND	20	20	26.1	19.6	130	98	60-140	29	
Trichlorofluoromethane	ug/L	ND	20	20	20.9	15.7	105	79	60-140	28	
Vinyl chloride	ug/L	ND	20	20	21.7	16.3	109	81	60-140	29	
1,2-Dichloroethane-d4 (S)	%						90	88	70-130		
4-Bromofluorobenzene (S)	%						97	96	70-130		
Toluene-d8 (S)	%						97	96	70-130		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517218

QC Batch: 594724
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92517218001

METHOD BLANK: 3137732 Matrix: Water
Associated Lab Samples: 92517218001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	01/22/21 12:45	
1,1,1-Trichloroethane	ug/L	ND	0.50	01/22/21 12:45	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	01/22/21 12:45	
1,1,2-Trichloroethane	ug/L	ND	0.50	01/22/21 12:45	
1,1-Dichloroethane	ug/L	ND	0.50	01/22/21 12:45	
1,1-Dichloroethene	ug/L	ND	0.50	01/22/21 12:45	
1,1-Dichloropropene	ug/L	ND	0.50	01/22/21 12:45	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	01/22/21 12:45	
1,2,3-Trichloropropane	ug/L	ND	0.50	01/22/21 12:45	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	01/22/21 12:45	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	01/22/21 12:45	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	01/22/21 12:45	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	01/22/21 12:45	
1,2-Dichlorobenzene	ug/L	ND	0.50	01/22/21 12:45	
1,2-Dichloroethane	ug/L	ND	0.50	01/22/21 12:45	
1,2-Dichloropropane	ug/L	ND	0.50	01/22/21 12:45	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	01/22/21 12:45	
1,3-Dichlorobenzene	ug/L	ND	0.50	01/22/21 12:45	
1,3-Dichloropropane	ug/L	ND	0.50	01/22/21 12:45	
1,4-Dichlorobenzene	ug/L	ND	0.50	01/22/21 12:45	
2,2-Dichloropropane	ug/L	ND	0.50	01/22/21 12:45	
2-Chlorotoluene	ug/L	ND	0.50	01/22/21 12:45	
4-Chlorotoluene	ug/L	ND	0.50	01/22/21 12:45	
Benzene	ug/L	ND	0.50	01/22/21 12:45	
Bromobenzene	ug/L	ND	0.50	01/22/21 12:45	
Bromochloromethane	ug/L	ND	0.50	01/22/21 12:45	
Bromodichloromethane	ug/L	ND	0.50	01/22/21 12:45	
Bromoform	ug/L	ND	0.50	01/22/21 12:45	
Bromomethane	ug/L	ND	5.0	01/22/21 12:45	
Carbon tetrachloride	ug/L	ND	0.50	01/22/21 12:45	
Chlorobenzene	ug/L	ND	0.50	01/22/21 12:45	
Chloroethane	ug/L	ND	1.0	01/22/21 12:45	
Chloroform	ug/L	ND	0.50	01/22/21 12:45	
Chloromethane	ug/L	ND	1.0	01/22/21 12:45	
cis-1,2-Dichloroethene	ug/L	ND	0.50	01/22/21 12:45	
cis-1,3-Dichloropropene	ug/L	ND	0.50	01/22/21 12:45	
Dibromochloromethane	ug/L	ND	0.50	01/22/21 12:45	
Dibromomethane	ug/L	ND	0.50	01/22/21 12:45	
Dichlorodifluoromethane	ug/L	ND	0.50	01/22/21 12:45	
Diisopropyl ether	ug/L	ND	0.50	01/22/21 12:45	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517218

METHOD BLANK: 3137732 Matrix: Water
Associated Lab Samples: 92517218001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	01/22/21 12:45	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	01/22/21 12:45	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	01/22/21 12:45	
m&p-Xylene	ug/L	ND	1.0	01/22/21 12:45	
Methyl-tert-butyl ether	ug/L	ND	0.50	01/22/21 12:45	
Methylene Chloride	ug/L	ND	2.0	01/22/21 12:45	
n-Butylbenzene	ug/L	ND	0.50	01/22/21 12:45	
n-Propylbenzene	ug/L	ND	0.50	01/22/21 12:45	
Naphthalene	ug/L	ND	2.0	01/22/21 12:45	
o-Xylene	ug/L	ND	0.50	01/22/21 12:45	
sec-Butylbenzene	ug/L	ND	0.50	01/22/21 12:45	
Styrene	ug/L	ND	0.50	01/22/21 12:45	
tert-Butylbenzene	ug/L	ND	0.50	01/22/21 12:45	
Tetrachloroethene	ug/L	ND	0.50	01/22/21 12:45	
Toluene	ug/L	ND	0.50	01/22/21 12:45	
trans-1,2-Dichloroethene	ug/L	ND	0.50	01/22/21 12:45	
trans-1,3-Dichloropropene	ug/L	ND	0.50	01/22/21 12:45	
Trichloroethene	ug/L	ND	0.50	01/22/21 12:45	
Trichlorofluoromethane	ug/L	ND	1.0	01/22/21 12:45	
Vinyl chloride	ug/L	ND	1.0	01/22/21 12:45	
1,2-Dichloroethane-d4 (S)	%	100	70-130	01/22/21 12:45	
4-Bromofluorobenzene (S)	%	94	70-130	01/22/21 12:45	
Toluene-d8 (S)	%	97	70-130	01/22/21 12:45	

LABORATORY CONTROL SAMPLE: 3137733

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	57.4	115	60-140	
1,1,1-Trichloroethane	ug/L	50	49.6	99	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	54.1	108	60-140	
1,1,2-Trichloroethane	ug/L	50	51.4	103	60-140	
1,1-Dichloroethane	ug/L	50	47.2	94	60-140	
1,1-Dichloroethene	ug/L	50	46.9	94	60-140	
1,1-Dichloropropene	ug/L	50	47.4	95	60-140	
1,2,3-Trichlorobenzene	ug/L	50	54.1	108	60-140	
1,2,3-Trichloropropane	ug/L	50	52.9	106	60-140	
1,2,4-Trichlorobenzene	ug/L	50	56.0	112	60-140	
1,2,4-Trimethylbenzene	ug/L	50	53.8	108	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	58.0	116	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	56.8	114	60-140	
1,2-Dichlorobenzene	ug/L	50	56.7	113	60-140	
1,2-Dichloroethane	ug/L	50	49.0	98	60-140	
1,2-Dichloropropane	ug/L	50	49.4	99	60-140	
1,3,5-Trimethylbenzene	ug/L	50	55.2	110	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517218

LABORATORY CONTROL SAMPLE: 3137733

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	56.4	113	60-140	
1,3-Dichloropropane	ug/L	50	54.1	108	60-140	
1,4-Dichlorobenzene	ug/L	50	55.5	111	60-140	
2,2-Dichloropropane	ug/L	50	51.0	102	60-140	
2-Chlorotoluene	ug/L	50	55.7	111	60-140	
4-Chlorotoluene	ug/L	50	54.9	110	60-140	
Benzene	ug/L	50	48.5	97	60-140	
Bromobenzene	ug/L	50	55.1	110	60-140	
Bromochloromethane	ug/L	50	48.1	96	60-140	
Bromodichloromethane	ug/L	50	51.8	104	60-140	
Bromoform	ug/L	50	61.6	123	60-140	
Bromomethane	ug/L	50	40.0	80	60-140	
Carbon tetrachloride	ug/L	50	51.2	102	60-140	
Chlorobenzene	ug/L	50	54.8	110	60-140	
Chloroethane	ug/L	50	38.9	78	60-140	
Chloroform	ug/L	50	48.6	97	60-140	
Chloromethane	ug/L	50	36.7	73	60-140	
cis-1,2-Dichloroethene	ug/L	50	46.6	93	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.9	106	60-140	
Dibromochloromethane	ug/L	50	58.7	117	60-140	
Dibromomethane	ug/L	50	54.9	110	60-140	
Dichlorodifluoromethane	ug/L	50	41.8	84	60-140	
Diisopropyl ether	ug/L	50	45.9	92	60-140	
Ethylbenzene	ug/L	50	54.7	109	60-140	
Hexachloro-1,3-butadiene	ug/L	50	55.2	110	60-140	
Isopropylbenzene (Cumene)	ug/L	50	55.1	110	60-140	
m&p-Xylene	ug/L	100	107	107	60-140	
Methyl-tert-butyl ether	ug/L	50	47.8	96	60-140	
Methylene Chloride	ug/L	50	46.6	93	60-140	
n-Butylbenzene	ug/L	50	56.9	114	60-140	
n-Propylbenzene	ug/L	50	54.1	108	60-140	
Naphthalene	ug/L	50	55.1	110	60-140	
o-Xylene	ug/L	50	55.0	110	60-140	
sec-Butylbenzene	ug/L	50	54.9	110	60-140	
Styrene	ug/L	50	56.4	113	60-140	
tert-Butylbenzene	ug/L	50	46.9	94	60-140	
Tetrachloroethene	ug/L	50	56.0	112	60-140	
Toluene	ug/L	50	49.9	100	60-140	
trans-1,2-Dichloroethene	ug/L	50	47.4	95	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.3	105	60-140	
Trichloroethene	ug/L	50	52.9	106	60-140	
Trichlorofluoromethane	ug/L	50	40.8	82	60-140	
Vinyl chloride	ug/L	50	39.0	78	60-140	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			95	70-130	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517218

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3137734 3137735

Parameter	Units	92517195004 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	800	800	988	952	124	119	60-140	4	
1,1,1-Trichloroethane	ug/L	ND	800	800	873	875	109	109	60-140	0	
1,1,2,2-Tetrachloroethane	ug/L	ND	800	800	866	891	108	111	60-140	3	
1,1,2-Trichloroethane	ug/L	ND	800	800	868	891	109	111	60-140	3	
1,1-Dichloroethane	ug/L	ND	800	800	787	774	98	97	60-140	2	
1,1-Dichloroethene	ug/L	ND	800	800	834	830	104	104	60-140	1	
1,1-Dichloropropene	ug/L	ND	800	800	811	816	101	102	60-140	1	
1,2,3-Trichlorobenzene	ug/L	ND	800	800	875	959	109	120	60-140	9	
1,2,3-Trichloropropane	ug/L	ND	800	800	875	874	109	109	60-140	0	
1,2,4-Trichlorobenzene	ug/L	ND	800	800	898	933	112	117	60-140	4	
1,2,4-Trimethylbenzene	ug/L	3170	800	800	4170	4140	125	120	60-140	1	
1,2-Dibromo-3-chloropropane	ug/L	ND	800	800	858	937	107	117	60-140	9	
1,2-Dibromoethane (EDB)	ug/L	ND	800	800	923	901	115	113	60-140	2	
1,2-Dichlorobenzene	ug/L	ND	800	800	946	972	118	122	60-140	3	
1,2-Dichloroethane	ug/L	ND	800	800	799	804	100	101	60-140	1	
1,2-Dichloropropane	ug/L	ND	800	800	870	875	109	109	60-140	1	
1,3,5-Trimethylbenzene	ug/L	ND	800	800	1790	1790	224	224	60-140	0	M1
1,3-Dichlorobenzene	ug/L	ND	800	800	924	949	116	119	60-140	3	
1,3-Dichloropropane	ug/L	ND	800	800	892	861	111	108	60-140	3	
1,4-Dichlorobenzene	ug/L	ND	800	800	935	935	117	117	60-140	0	
2,2-Dichloropropane	ug/L	ND	800	800	767	789	96	99	60-140	3	
2-Chlorotoluene	ug/L	ND	800	800	1090	1030	136	129	60-140	5	
4-Chlorotoluene	ug/L	ND	800	800	923	914	115	114	60-140	1	
Benzene	ug/L	1220	800	800	2050	2160	103	117	60-140	5	
Bromobenzene	ug/L	ND	800	800	947	947	118	118	60-140	0	
Bromochloromethane	ug/L	ND	800	800	835	828	104	103	60-140	1	
Bromodichloromethane	ug/L	ND	800	800	835	875	104	109	60-140	5	
Bromoform	ug/L	ND	800	800	963	939	120	117	60-140	3	
Bromomethane	ug/L	ND	800	800	502	711	63	89	60-140	35	R1
Carbon tetrachloride	ug/L	ND	800	800	925	937	116	117	60-140	1	
Chlorobenzene	ug/L	ND	800	800	946	918	118	115	60-140	3	
Chloroethane	ug/L	ND	800	800	694	709	87	89	60-140	2	
Chloroform	ug/L	ND	800	800	826	799	103	100	60-140	3	
Chloromethane	ug/L	ND	800	800	571	581	71	73	60-140	2	
cis-1,2-Dichloroethene	ug/L	ND	800	800	788	796	99	99	60-140	1	
cis-1,3-Dichloropropene	ug/L	ND	800	800	870	889	109	111	60-140	2	
Dibromochloromethane	ug/L	ND	800	800	982	954	123	119	60-140	3	
Dibromomethane	ug/L	ND	800	800	893	939	112	117	60-140	5	
Dichlorodifluoromethane	ug/L	ND	800	800	604	625	76	78	60-140	3	
Diisopropyl ether	ug/L	ND	800	800	713	720	89	90	60-140	1	
Ethylbenzene	ug/L	2550	800	800	3570	3520	126	121	60-140	1	
Hexachloro-1,3-butadiene	ug/L	ND	800	800	933	980	117	122	60-140	5	
Isopropylbenzene (Cumene)	ug/L	106	800	800	1080	1060	122	119	60-140	2	
m&p-Xylene	ug/L	8450	1600	1600	10500	10300	126	118	60-140	1	
Methyl-tert-butyl ether	ug/L	ND	800	800	752	777	92	96	60-140	3	
Methylene Chloride	ug/L	ND	800	800	750	785	94	98	60-140	5	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517218

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3137734 3137735

Parameter	Units	92517195004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
n-Butylbenzene	ug/L	ND	800	800	1020	1040	127	130	60-140	2	
n-Propylbenzene	ug/L	ND	800	800	1260	1260	157	158	60-140	1	M1
Naphthalene	ug/L	917	800	800	1970	2020	131	137	60-140	3	
o-Xylene	ug/L	1300	800	800	2310	2260	126	119	60-140	2	
sec-Butylbenzene	ug/L	ND	800	800	986	975	123	122	60-140	1	
Styrene	ug/L	57.8	800	800	1030	998	121	118	60-140	3	
tert-Butylbenzene	ug/L	ND	800	800	817	814	102	102	60-140	0	
Tetrachloroethene	ug/L	ND	800	800	965	956	121	120	60-140	1	
Toluene	ug/L	1320	800	800	2100	2270	97	118	60-140	8	
trans-1,2-Dichloroethene	ug/L	ND	800	800	801	799	100	100	60-140	0	
trans-1,3-Dichloropropene	ug/L	ND	800	800	854	861	107	108	60-140	1	
Trichloroethene	ug/L	ND	800	800	881	947	110	118	60-140	7	
Trichlorofluoromethane	ug/L	ND	800	800	807	797	101	100	60-140	1	
Vinyl chloride	ug/L	ND	800	800	635	652	79	82	60-140	3	
1,2-Dichloroethane-d4 (S)	%						100	98	70-130		
4-Bromofluorobenzene (S)	%						100	97	70-130		
Toluene-d8 (S)	%						98	99	70-130		

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517218

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.
R1	RPD value was outside control limits.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92517218

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92517218001	**DUP-1**	MADEPV	1610366	MADEP VPH	1610366
92517218001	**DUP-1**	MADEPV	1611496	MADEP VPH	1611496
92517218002	**FB-1**	MADEPV	1610366	MADEP VPH	1610366
92517218001	**DUP-1**	EPA 3010A	593861	EPA 6010D	593877
92517218002	**FB-1**	EPA 3010A	593861	EPA 6010D	593877
92517218001	**DUP-1**	SM 6200B	594724		
92517218002	**FB-1**	SM 6200B	594111		
92517218003	**TRIP BLANK**	SM 6200B	594111		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

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

LAB USE ONLY- Affix Workorder/Lo
MTJL

WO# : 92517218

92517218

ALL SHADED ARE

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: Andrew.Street@apexcos.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: 2020-11-2448 Incident	State: NC / County/City: Huntersville Time Zone Collected: [ ]PT [ ]MT [ ]CT [ ]ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Naomi Fretz	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Naomi Fretz	Turnaround Date Required: ASAP Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

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

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 _____

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOC 6200B	MADEP VPH	Lead							Lab Sample # / Comments:
DUP-1	GW	G	1-19-21	-				8	X	X	X							92517218 001
FB-1	OT	G	↓	-				8	X	X	X							002
Trip Blank	OT	-	↓	-				2	X									003

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	(N)	NA
Custody Signatures Present	(Y)	N	NA
Collector Signature Present	(Y)	N	NA
Bottles Intact	(Y)	N	NA
Correct Bottles	(Y)	N	NA
Sufficient Volume	(Y)	N	NA
Samples Received on Ice	(Y)	N	NA
VOA - Headspace Acceptable	(Y)	N	NA
USDA Regulated Soils	Y	N	(NA)
Samples in Holding Time	(Y)	N	NA
Residual Chlorine Present	Y	N	(NA)
Cl Strips:			
Sample pH Acceptable	(Y)	N	NA
pH Strips: 232518AU			
Sulfide Present	Y	N	(NA)
Lead Acetate Strips:			

LAB USE ONLY:

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: Temp Blank Received: Y (N) NA	
	Packing Material Used: lb. bags	Lab Tracking #: 2529474	Therm ID#: IR92T064	
	Radchem sample(s) screened (<500 cpm): Y N (NA)	Samples received via: FEDEX UPS (Client) Courier Pace Courier	Cooler 1 Temp Upon Receipt: 4.6 oC	
			Cooler 1 Therm Corr. Factor: -.1 oC	
			Cooler 1 Corrected Temp: 4.5 oC	
			Comments:	

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Fretz / Apex	1-19-21 1315	MJ/Apex HVL	1-19-21 11:02
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: (Y) N NA
(HCL) MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: _____ of: _____

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

January 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.: 92517224

Dear Andrew Street:

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

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

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517224

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92517224

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92517224001	**13926A_HC_RD_2021119**	MADEP VPH	DWR	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517224

Sample: 13926A_HC_RD_2021119 **Lab ID: 92517224001** Collected: 01/19/21 12:05 Received: 01/19/21 13:15 Matrix: Water

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/L	100	1	01/23/21 12:42	01/23/21 12:42		
Aliphatic (C09-C12)	ND	ug/L	100	1	01/23/21 12:42	01/23/21 12:42		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	01/23/21 12:42	01/23/21 12:42	TPHC9C10A	
Total VPH	ND	ug/L	100	1	01/23/21 12:42	01/23/21 12:42	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	87.6	%	70.0-130	1	01/23/21 12:42	01/23/21 12:42	615-59-8FID	
2,5-Dibromotoluene (PID)	77.9	%	70.0-130	1	01/23/21 12:42	01/23/21 12:42	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	01/20/21 01:50	01/20/21 15:08	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		01/22/21 13:21	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		01/22/21 13:21	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		01/22/21 13:21	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		01/22/21 13:21	75-27-4	
Bromoform	ND	ug/L	0.50	1		01/22/21 13:21	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/22/21 13:21	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		01/22/21 13:21	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		01/22/21 13:21	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		01/22/21 13:21	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		01/22/21 13:21	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		01/22/21 13:21	108-90-7	
Chloroethane	ND	ug/L	1.0	1		01/22/21 13:21	75-00-3	
Chloroform	ND	ug/L	0.50	1		01/22/21 13:21	67-66-3	
Chloromethane	ND	ug/L	1.0	1		01/22/21 13:21	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		01/22/21 13:21	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		01/22/21 13:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		01/22/21 13:21	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		01/22/21 13:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		01/22/21 13:21	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		01/22/21 13:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		01/22/21 13:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		01/22/21 13:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		01/22/21 13:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		01/22/21 13:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		01/22/21 13:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		01/22/21 13:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		01/22/21 13:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		01/22/21 13:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		01/22/21 13:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		01/22/21 13:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		01/22/21 13:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		01/22/21 13:21	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517224

Sample: 13926A_HC_RD_2021119 **Lab ID: 92517224001** Collected: 01/19/21 12:05 Received: 01/19/21 13:15 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		01/22/21 13:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		01/22/21 13:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		01/22/21 13:21	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		01/22/21 13:21	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		01/22/21 13:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		01/22/21 13:21	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		01/22/21 13:21	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		01/22/21 13:21	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		01/22/21 13:21	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		01/22/21 13:21	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		01/22/21 13:21	103-65-1	
Styrene	ND	ug/L	0.50	1		01/22/21 13:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		01/22/21 13:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		01/22/21 13:21	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		01/22/21 13:21	127-18-4	
Toluene	ND	ug/L	0.50	1		01/22/21 13:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		01/22/21 13:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		01/22/21 13:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		01/22/21 13:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		01/22/21 13:21	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		01/22/21 13:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		01/22/21 13:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		01/22/21 13:21	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		01/22/21 13:21	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		01/22/21 13:21	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		01/22/21 13:21	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		01/22/21 13:21	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		01/22/21 13:21	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		01/22/21 13:21	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130	1		01/22/21 13:21	460-00-4	
Toluene-d8 (S)	97	%	70-130	1		01/22/21 13:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517224

QC Batch: 1610366
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92517224001

METHOD BLANK: R3616118-3 Matrix: Water
Associated Lab Samples: 92517224001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	01/23/21 05:30	
Aliphatic (C09-C12)	ug/L	ND	100	01/23/21 05:30	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	01/23/21 05:30	
Total VPH	ug/L	ND	100	01/23/21 05:30	
2,5-Dibromotoluene (FID)	%	89	70.0-130	01/23/21 05:30	
2,5-Dibromotoluene (PID)	%	82.5	70.0-130	01/23/21 05:30	

LABORATORY CONTROL SAMPLE & LCSD: R3616118-1 R3616118-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1330	1320	111	110	70.0-130	0.755	25	
Aliphatic (C09-C12)	ug/L	1400	1730	1700	124	121	70.0-130	1.75	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	225	218	112	109	70.0-130	3.16	25	
Total VPH	ug/L	2800	3290	3240	118	116	70.0-130	1.53	25	
2,5-Dibromotoluene (FID)	%				99.2	96.1	70.0-130			
2,5-Dibromotoluene (PID)	%				93.8	90.0	70.0-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517224

QC Batch: 593861
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92517224001

METHOD BLANK: 3133679 Matrix: Water
Associated Lab Samples: 92517224001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	01/20/21 11:22	

LABORATORY CONTROL SAMPLE: 3133680

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	479	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3133681 3133682

Parameter	Units	92517376001 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	495	493	98	98	75-125	1	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517224

QC Batch: 594724
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92517224001

METHOD BLANK: 3137732 Matrix: Water
Associated Lab Samples: 92517224001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	01/22/21 12:45	
1,1,1-Trichloroethane	ug/L	ND	0.50	01/22/21 12:45	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	01/22/21 12:45	
1,1,2-Trichloroethane	ug/L	ND	0.50	01/22/21 12:45	
1,1-Dichloroethane	ug/L	ND	0.50	01/22/21 12:45	
1,1-Dichloroethene	ug/L	ND	0.50	01/22/21 12:45	
1,1-Dichloropropene	ug/L	ND	0.50	01/22/21 12:45	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	01/22/21 12:45	
1,2,3-Trichloropropane	ug/L	ND	0.50	01/22/21 12:45	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	01/22/21 12:45	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	01/22/21 12:45	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	01/22/21 12:45	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	01/22/21 12:45	
1,2-Dichlorobenzene	ug/L	ND	0.50	01/22/21 12:45	
1,2-Dichloroethane	ug/L	ND	0.50	01/22/21 12:45	
1,2-Dichloropropane	ug/L	ND	0.50	01/22/21 12:45	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	01/22/21 12:45	
1,3-Dichlorobenzene	ug/L	ND	0.50	01/22/21 12:45	
1,3-Dichloropropane	ug/L	ND	0.50	01/22/21 12:45	
1,4-Dichlorobenzene	ug/L	ND	0.50	01/22/21 12:45	
2,2-Dichloropropane	ug/L	ND	0.50	01/22/21 12:45	
2-Chlorotoluene	ug/L	ND	0.50	01/22/21 12:45	
4-Chlorotoluene	ug/L	ND	0.50	01/22/21 12:45	
Benzene	ug/L	ND	0.50	01/22/21 12:45	
Bromobenzene	ug/L	ND	0.50	01/22/21 12:45	
Bromochloromethane	ug/L	ND	0.50	01/22/21 12:45	
Bromodichloromethane	ug/L	ND	0.50	01/22/21 12:45	
Bromoform	ug/L	ND	0.50	01/22/21 12:45	
Bromomethane	ug/L	ND	5.0	01/22/21 12:45	
Carbon tetrachloride	ug/L	ND	0.50	01/22/21 12:45	
Chlorobenzene	ug/L	ND	0.50	01/22/21 12:45	
Chloroethane	ug/L	ND	1.0	01/22/21 12:45	
Chloroform	ug/L	ND	0.50	01/22/21 12:45	
Chloromethane	ug/L	ND	1.0	01/22/21 12:45	
cis-1,2-Dichloroethene	ug/L	ND	0.50	01/22/21 12:45	
cis-1,3-Dichloropropene	ug/L	ND	0.50	01/22/21 12:45	
Dibromochloromethane	ug/L	ND	0.50	01/22/21 12:45	
Dibromomethane	ug/L	ND	0.50	01/22/21 12:45	
Dichlorodifluoromethane	ug/L	ND	0.50	01/22/21 12:45	
Diisopropyl ether	ug/L	ND	0.50	01/22/21 12:45	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517224

METHOD BLANK: 3137732 Matrix: Water
Associated Lab Samples: 92517224001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	01/22/21 12:45	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	01/22/21 12:45	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	01/22/21 12:45	
m&p-Xylene	ug/L	ND	1.0	01/22/21 12:45	
Methyl-tert-butyl ether	ug/L	ND	0.50	01/22/21 12:45	
Methylene Chloride	ug/L	ND	2.0	01/22/21 12:45	
n-Butylbenzene	ug/L	ND	0.50	01/22/21 12:45	
n-Propylbenzene	ug/L	ND	0.50	01/22/21 12:45	
Naphthalene	ug/L	ND	2.0	01/22/21 12:45	
o-Xylene	ug/L	ND	0.50	01/22/21 12:45	
sec-Butylbenzene	ug/L	ND	0.50	01/22/21 12:45	
Styrene	ug/L	ND	0.50	01/22/21 12:45	
tert-Butylbenzene	ug/L	ND	0.50	01/22/21 12:45	
Tetrachloroethene	ug/L	ND	0.50	01/22/21 12:45	
Toluene	ug/L	ND	0.50	01/22/21 12:45	
trans-1,2-Dichloroethene	ug/L	ND	0.50	01/22/21 12:45	
trans-1,3-Dichloropropene	ug/L	ND	0.50	01/22/21 12:45	
Trichloroethene	ug/L	ND	0.50	01/22/21 12:45	
Trichlorofluoromethane	ug/L	ND	1.0	01/22/21 12:45	
Vinyl chloride	ug/L	ND	1.0	01/22/21 12:45	
1,2-Dichloroethane-d4 (S)	%	100	70-130	01/22/21 12:45	
4-Bromofluorobenzene (S)	%	94	70-130	01/22/21 12:45	
Toluene-d8 (S)	%	97	70-130	01/22/21 12:45	

LABORATORY CONTROL SAMPLE: 3137733

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	57.4	115	60-140	
1,1,1-Trichloroethane	ug/L	50	49.6	99	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	54.1	108	60-140	
1,1,2-Trichloroethane	ug/L	50	51.4	103	60-140	
1,1-Dichloroethane	ug/L	50	47.2	94	60-140	
1,1-Dichloroethene	ug/L	50	46.9	94	60-140	
1,1-Dichloropropene	ug/L	50	47.4	95	60-140	
1,2,3-Trichlorobenzene	ug/L	50	54.1	108	60-140	
1,2,3-Trichloropropane	ug/L	50	52.9	106	60-140	
1,2,4-Trichlorobenzene	ug/L	50	56.0	112	60-140	
1,2,4-Trimethylbenzene	ug/L	50	53.8	108	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	58.0	116	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	56.8	114	60-140	
1,2-Dichlorobenzene	ug/L	50	56.7	113	60-140	
1,2-Dichloroethane	ug/L	50	49.0	98	60-140	
1,2-Dichloropropane	ug/L	50	49.4	99	60-140	
1,3,5-Trimethylbenzene	ug/L	50	55.2	110	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517224

LABORATORY CONTROL SAMPLE: 3137733

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	56.4	113	60-140	
1,3-Dichloropropane	ug/L	50	54.1	108	60-140	
1,4-Dichlorobenzene	ug/L	50	55.5	111	60-140	
2,2-Dichloropropane	ug/L	50	51.0	102	60-140	
2-Chlorotoluene	ug/L	50	55.7	111	60-140	
4-Chlorotoluene	ug/L	50	54.9	110	60-140	
Benzene	ug/L	50	48.5	97	60-140	
Bromobenzene	ug/L	50	55.1	110	60-140	
Bromochloromethane	ug/L	50	48.1	96	60-140	
Bromodichloromethane	ug/L	50	51.8	104	60-140	
Bromoform	ug/L	50	61.6	123	60-140	
Bromomethane	ug/L	50	40.0	80	60-140	
Carbon tetrachloride	ug/L	50	51.2	102	60-140	
Chlorobenzene	ug/L	50	54.8	110	60-140	
Chloroethane	ug/L	50	38.9	78	60-140	
Chloroform	ug/L	50	48.6	97	60-140	
Chloromethane	ug/L	50	36.7	73	60-140	
cis-1,2-Dichloroethene	ug/L	50	46.6	93	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.9	106	60-140	
Dibromochloromethane	ug/L	50	58.7	117	60-140	
Dibromomethane	ug/L	50	54.9	110	60-140	
Dichlorodifluoromethane	ug/L	50	41.8	84	60-140	
Diisopropyl ether	ug/L	50	45.9	92	60-140	
Ethylbenzene	ug/L	50	54.7	109	60-140	
Hexachloro-1,3-butadiene	ug/L	50	55.2	110	60-140	
Isopropylbenzene (Cumene)	ug/L	50	55.1	110	60-140	
m&p-Xylene	ug/L	100	107	107	60-140	
Methyl-tert-butyl ether	ug/L	50	47.8	96	60-140	
Methylene Chloride	ug/L	50	46.6	93	60-140	
n-Butylbenzene	ug/L	50	56.9	114	60-140	
n-Propylbenzene	ug/L	50	54.1	108	60-140	
Naphthalene	ug/L	50	55.1	110	60-140	
o-Xylene	ug/L	50	55.0	110	60-140	
sec-Butylbenzene	ug/L	50	54.9	110	60-140	
Styrene	ug/L	50	56.4	113	60-140	
tert-Butylbenzene	ug/L	50	46.9	94	60-140	
Tetrachloroethene	ug/L	50	56.0	112	60-140	
Toluene	ug/L	50	49.9	100	60-140	
trans-1,2-Dichloroethene	ug/L	50	47.4	95	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.3	105	60-140	
Trichloroethene	ug/L	50	52.9	106	60-140	
Trichlorofluoromethane	ug/L	50	40.8	82	60-140	
Vinyl chloride	ug/L	50	39.0	78	60-140	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			95	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517224

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3137734 3137735

Parameter	Units	92517195004 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	800	800	988	952	124	119	60-140	4	
1,1,1-Trichloroethane	ug/L	ND	800	800	873	875	109	109	60-140	0	
1,1,2,2-Tetrachloroethane	ug/L	ND	800	800	866	891	108	111	60-140	3	
1,1,2-Trichloroethane	ug/L	ND	800	800	868	891	109	111	60-140	3	
1,1-Dichloroethane	ug/L	ND	800	800	787	774	98	97	60-140	2	
1,1-Dichloroethene	ug/L	ND	800	800	834	830	104	104	60-140	1	
1,1-Dichloropropene	ug/L	ND	800	800	811	816	101	102	60-140	1	
1,2,3-Trichlorobenzene	ug/L	ND	800	800	875	959	109	120	60-140	9	
1,2,3-Trichloropropane	ug/L	ND	800	800	875	874	109	109	60-140	0	
1,2,4-Trichlorobenzene	ug/L	ND	800	800	898	933	112	117	60-140	4	
1,2,4-Trimethylbenzene	ug/L	3170	800	800	4170	4140	125	120	60-140	1	
1,2-Dibromo-3-chloropropane	ug/L	ND	800	800	858	937	107	117	60-140	9	
1,2-Dibromoethane (EDB)	ug/L	ND	800	800	923	901	115	113	60-140	2	
1,2-Dichlorobenzene	ug/L	ND	800	800	946	972	118	122	60-140	3	
1,2-Dichloroethane	ug/L	ND	800	800	799	804	100	101	60-140	1	
1,2-Dichloropropane	ug/L	ND	800	800	870	875	109	109	60-140	1	
1,3,5-Trimethylbenzene	ug/L	ND	800	800	1790	1790	224	224	60-140	0	M1
1,3-Dichlorobenzene	ug/L	ND	800	800	924	949	116	119	60-140	3	
1,3-Dichloropropane	ug/L	ND	800	800	892	861	111	108	60-140	3	
1,4-Dichlorobenzene	ug/L	ND	800	800	935	935	117	117	60-140	0	
2,2-Dichloropropane	ug/L	ND	800	800	767	789	96	99	60-140	3	
2-Chlorotoluene	ug/L	ND	800	800	1090	1030	136	129	60-140	5	
4-Chlorotoluene	ug/L	ND	800	800	923	914	115	114	60-140	1	
Benzene	ug/L	1220	800	800	2050	2160	103	117	60-140	5	
Bromobenzene	ug/L	ND	800	800	947	947	118	118	60-140	0	
Bromochloromethane	ug/L	ND	800	800	835	828	104	103	60-140	1	
Bromodichloromethane	ug/L	ND	800	800	835	875	104	109	60-140	5	
Bromoform	ug/L	ND	800	800	963	939	120	117	60-140	3	
Bromomethane	ug/L	ND	800	800	502	711	63	89	60-140	35	R1
Carbon tetrachloride	ug/L	ND	800	800	925	937	116	117	60-140	1	
Chlorobenzene	ug/L	ND	800	800	946	918	118	115	60-140	3	
Chloroethane	ug/L	ND	800	800	694	709	87	89	60-140	2	
Chloroform	ug/L	ND	800	800	826	799	103	100	60-140	3	
Chloromethane	ug/L	ND	800	800	571	581	71	73	60-140	2	
cis-1,2-Dichloroethene	ug/L	ND	800	800	788	796	99	99	60-140	1	
cis-1,3-Dichloropropene	ug/L	ND	800	800	870	889	109	111	60-140	2	
Dibromochloromethane	ug/L	ND	800	800	982	954	123	119	60-140	3	
Dibromomethane	ug/L	ND	800	800	893	939	112	117	60-140	5	
Dichlorodifluoromethane	ug/L	ND	800	800	604	625	76	78	60-140	3	
Diisopropyl ether	ug/L	ND	800	800	713	720	89	90	60-140	1	
Ethylbenzene	ug/L	2550	800	800	3570	3520	126	121	60-140	1	
Hexachloro-1,3-butadiene	ug/L	ND	800	800	933	980	117	122	60-140	5	
Isopropylbenzene (Cumene)	ug/L	106	800	800	1080	1060	122	119	60-140	2	
m&p-Xylene	ug/L	8450	1600	1600	10500	10300	126	118	60-140	1	
Methyl-tert-butyl ether	ug/L	ND	800	800	752	777	92	96	60-140	3	
Methylene Chloride	ug/L	ND	800	800	750	785	94	98	60-140	5	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517224

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3137734 3137735

Parameter	Units	92517195004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
n-Butylbenzene	ug/L	ND	800	800	1020	1040	127	130	60-140	2	
n-Propylbenzene	ug/L	ND	800	800	1260	1260	157	158	60-140	1	M1
Naphthalene	ug/L	917	800	800	1970	2020	131	137	60-140	3	
o-Xylene	ug/L	1300	800	800	2310	2260	126	119	60-140	2	
sec-Butylbenzene	ug/L	ND	800	800	986	975	123	122	60-140	1	
Styrene	ug/L	57.8	800	800	1030	998	121	118	60-140	3	
tert-Butylbenzene	ug/L	ND	800	800	817	814	102	102	60-140	0	
Tetrachloroethene	ug/L	ND	800	800	965	956	121	120	60-140	1	
Toluene	ug/L	1320	800	800	2100	2270	97	118	60-140	8	
trans-1,2-Dichloroethene	ug/L	ND	800	800	801	799	100	100	60-140	0	
trans-1,3-Dichloropropene	ug/L	ND	800	800	854	861	107	108	60-140	1	
Trichloroethene	ug/L	ND	800	800	881	947	110	118	60-140	7	
Trichlorofluoromethane	ug/L	ND	800	800	807	797	101	100	60-140	1	
Vinyl chloride	ug/L	ND	800	800	635	652	79	82	60-140	3	
1,2-Dichloroethane-d4 (S)	%						100	98	70-130		
4-Bromofluorobenzene (S)	%						100	97	70-130		
Toluene-d8 (S)	%						98	99	70-130		

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517224

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.
R1	RPD value was outside control limits.

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92517224

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92517224001	**13926A_HC_RD_2021119**	MADEPV	1610366	MADEP VPH	1610366
92517224001	**13926A_HC_RD_2021119**	EPA 3010A	593861	EPA 6010D	593877
92517224001	**13926A_HC_RD_2021119**	SM 6200B	594724		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

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

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

WO# : 92517224

92517224

ALL SHADED

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: Andrew.Street@apexcos.com
Copy To:	Site Collection Info/Address: 13926A Huntersville Concord Rd
Customer Project Name/Number: 2020-LI-2448 Incident	State: NC County/City: Huntersville Time Zone Collected: [ ]PT [ ]MT [ ]CT [ ]ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Naomi Fetz	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Naomi Fetz	Turnaround Date Required: ASAP Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

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

** 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 Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Preservative Type **	Analyses: VOCs 6200B	Analyses: MADEP VPH	Analyses: Lead
13926A-HC-BD-20211119	GW	G	1-19-21	1205				8		X	X	X

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y (N) NA
Custody Signatures Present	(Y) N NA
Collector Signature Present	(Y) N NA
Bottles Intact	(Y) N NA
Correct Bottles	(Y) N NA
Sufficient Volume	(Y) N NA
Samples Received on Ice	(Y) N NA
VOA - Headspace Acceptable	(Y) N NA
USDA Regulated Soils	Y N (NA)
Samples in Holding Time	(Y) N NA
Residual Chlorine Present	Y N (NA)
Cl Strips:	
Sample pH Acceptable	(Y) N NA
pH Strips: 232518AV	
Sulfide Present	Y N (NA)
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

92517224
001

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: b. bags

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

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

Lab Tracking #: 2529457

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: IR92T064
Cooler 1 Temp Upon Receipt: 4.6 oC
Cooler 1 Therm Corr. Factor: -.1 oC
Cooler 1 Corrected Temp: 4.5 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi / Apex	1-19-21 1315	MJG Pace HV	1-19-21 13:15
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y (N) NA
HCL MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: _____ of: _____

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

January 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.: 92517232

Dear Andrew Street:

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

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

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517232

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92517232

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92517232001	**14401_HC_RD_2021119**	MADEP VPH	DWR	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517232

Sample: 14401_HC_RD_2021119 **Lab ID: 92517232001** Collected: 01/19/21 09:30 Received: 01/19/21 13:15 Matrix: Water

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/L	100	1	01/23/21 13:48	01/23/21 13:48		
Aliphatic (C09-C12)	ND	ug/L	100	1	01/23/21 13:48	01/23/21 13:48		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	01/23/21 13:48	01/23/21 13:48	TPHC9C10A	
Total VPH	ND	ug/L	100	1	01/23/21 13:48	01/23/21 13:48	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	99.3	%	70.0-130	1	01/23/21 13:48	01/23/21 13:48	615-59-8FID	
2,5-Dibromotoluene (PID)	89.1	%	70.0-130	1	01/23/21 13:48	01/23/21 13:48	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	01/20/21 01:50	01/20/21 15:12	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		01/21/21 23:46	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		01/21/21 23:46	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		01/21/21 23:46	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		01/21/21 23:46	75-27-4	
Bromoform	ND	ug/L	0.50	1		01/21/21 23:46	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/21/21 23:46	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		01/21/21 23:46	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		01/21/21 23:46	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		01/21/21 23:46	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		01/21/21 23:46	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		01/21/21 23:46	108-90-7	
Chloroethane	ND	ug/L	1.0	1		01/21/21 23:46	75-00-3	
Chloroform	ND	ug/L	0.50	1		01/21/21 23:46	67-66-3	
Chloromethane	ND	ug/L	1.0	1		01/21/21 23:46	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		01/21/21 23:46	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		01/21/21 23:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		01/21/21 23:46	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		01/21/21 23:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		01/21/21 23:46	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		01/21/21 23:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		01/21/21 23:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		01/21/21 23:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		01/21/21 23:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		01/21/21 23:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		01/21/21 23:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		01/21/21 23:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		01/21/21 23:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		01/21/21 23:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		01/21/21 23:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		01/21/21 23:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		01/21/21 23:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		01/21/21 23:46	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517232

Sample: 14401_HC_RD_2021119 **Lab ID: 92517232001** Collected: 01/19/21 09:30 Received: 01/19/21 13:15 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		01/21/21 23:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		01/21/21 23:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		01/21/21 23:46	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		01/21/21 23:46	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		01/21/21 23:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		01/21/21 23:46	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		01/21/21 23:46	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		01/21/21 23:46	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		01/21/21 23:46	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		01/21/21 23:46	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		01/21/21 23:46	103-65-1	
Styrene	ND	ug/L	0.50	1		01/21/21 23:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		01/21/21 23:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		01/21/21 23:46	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		01/21/21 23:46	127-18-4	
Toluene	ND	ug/L	0.50	1		01/21/21 23:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		01/21/21 23:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		01/21/21 23:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		01/21/21 23:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		01/21/21 23:46	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		01/21/21 23:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		01/21/21 23:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		01/21/21 23:46	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		01/21/21 23:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		01/21/21 23:46	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		01/21/21 23:46	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		01/21/21 23:46	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		01/21/21 23:46	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		01/21/21 23:46	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130	1		01/21/21 23:46	460-00-4	
Toluene-d8 (S)	99	%	70-130	1		01/21/21 23:46	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517232

QC Batch: 1610366
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92517232001

METHOD BLANK: R3616118-3 Matrix: Water
Associated Lab Samples: 92517232001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	01/23/21 05:30	
Aliphatic (C09-C12)	ug/L	ND	100	01/23/21 05:30	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	01/23/21 05:30	
Total VPH	ug/L	ND	100	01/23/21 05:30	
2,5-Dibromotoluene (FID)	%	89	70.0-130	01/23/21 05:30	
2,5-Dibromotoluene (PID)	%	82.5	70.0-130	01/23/21 05:30	

LABORATORY CONTROL SAMPLE & LCSD: R3616118-1 R3616118-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1330	1320	111	110	70.0-130	0.755	25	
Aliphatic (C09-C12)	ug/L	1400	1730	1700	124	121	70.0-130	1.75	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	225	218	112	109	70.0-130	3.16	25	
Total VPH	ug/L	2800	3290	3240	118	116	70.0-130	1.53	25	
2,5-Dibromotoluene (FID)	%				99.2	96.1	70.0-130			
2,5-Dibromotoluene (PID)	%				93.8	90.0	70.0-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517232

QC Batch: 593861
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92517232001

METHOD BLANK: 3133679 Matrix: Water
Associated Lab Samples: 92517232001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	01/20/21 11:22	

LABORATORY CONTROL SAMPLE: 3133680

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	479	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3133681 3133682

Parameter	Units	92517376001 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	495	493	98	98	75-125	1	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517232

QC Batch: 594131
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92517232001

METHOD BLANK: 3134887 Matrix: Water
Associated Lab Samples: 92517232001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,1,1-Trichloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,1,2-Trichloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,1-Dichloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,1-Dichloroethene	ug/L	ND	0.50	01/21/21 22:52	
1,1-Dichloropropene	ug/L	ND	0.50	01/21/21 22:52	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	01/21/21 22:52	
1,2,3-Trichloropropane	ug/L	ND	0.50	01/21/21 22:52	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	01/21/21 22:52	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	01/21/21 22:52	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	01/21/21 22:52	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	01/21/21 22:52	
1,2-Dichlorobenzene	ug/L	ND	0.50	01/21/21 22:52	
1,2-Dichloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,2-Dichloropropane	ug/L	ND	0.50	01/21/21 22:52	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	01/21/21 22:52	
1,3-Dichlorobenzene	ug/L	ND	0.50	01/21/21 22:52	
1,3-Dichloropropane	ug/L	ND	0.50	01/21/21 22:52	
1,4-Dichlorobenzene	ug/L	ND	0.50	01/21/21 22:52	
2,2-Dichloropropane	ug/L	ND	0.50	01/21/21 22:52	
2-Chlorotoluene	ug/L	ND	0.50	01/21/21 22:52	
4-Chlorotoluene	ug/L	ND	0.50	01/21/21 22:52	
Benzene	ug/L	ND	0.50	01/21/21 22:52	
Bromobenzene	ug/L	ND	0.50	01/21/21 22:52	
Bromochloromethane	ug/L	ND	0.50	01/21/21 22:52	
Bromodichloromethane	ug/L	ND	0.50	01/21/21 22:52	
Bromoform	ug/L	ND	0.50	01/21/21 22:52	
Bromomethane	ug/L	ND	5.0	01/21/21 22:52	
Carbon tetrachloride	ug/L	ND	0.50	01/21/21 22:52	
Chlorobenzene	ug/L	ND	0.50	01/21/21 22:52	
Chloroethane	ug/L	ND	1.0	01/21/21 22:52	
Chloroform	ug/L	ND	0.50	01/21/21 22:52	
Chloromethane	ug/L	ND	1.0	01/21/21 22:52	
cis-1,2-Dichloroethene	ug/L	ND	0.50	01/21/21 22:52	
cis-1,3-Dichloropropene	ug/L	ND	0.50	01/21/21 22:52	
Dibromochloromethane	ug/L	ND	0.50	01/21/21 22:52	
Dibromomethane	ug/L	ND	0.50	01/21/21 22:52	
Dichlorodifluoromethane	ug/L	ND	0.50	01/21/21 22:52	
Diisopropyl ether	ug/L	ND	0.50	01/21/21 22:52	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517232

METHOD BLANK: 3134887 Matrix: Water
Associated Lab Samples: 92517232001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	01/21/21 22:52	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	01/21/21 22:52	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	01/21/21 22:52	
m&p-Xylene	ug/L	ND	1.0	01/21/21 22:52	
Methyl-tert-butyl ether	ug/L	ND	0.50	01/21/21 22:52	
Methylene Chloride	ug/L	ND	2.0	01/21/21 22:52	
n-Butylbenzene	ug/L	ND	0.50	01/21/21 22:52	
n-Propylbenzene	ug/L	ND	0.50	01/21/21 22:52	
Naphthalene	ug/L	ND	2.0	01/21/21 22:52	
o-Xylene	ug/L	ND	0.50	01/21/21 22:52	
sec-Butylbenzene	ug/L	ND	0.50	01/21/21 22:52	
Styrene	ug/L	ND	0.50	01/21/21 22:52	
tert-Butylbenzene	ug/L	ND	0.50	01/21/21 22:52	
Tetrachloroethene	ug/L	ND	0.50	01/21/21 22:52	
Toluene	ug/L	ND	0.50	01/21/21 22:52	
trans-1,2-Dichloroethene	ug/L	ND	0.50	01/21/21 22:52	
trans-1,3-Dichloropropene	ug/L	ND	0.50	01/21/21 22:52	
Trichloroethene	ug/L	ND	0.50	01/21/21 22:52	
Trichlorofluoromethane	ug/L	ND	1.0	01/21/21 22:52	
Vinyl chloride	ug/L	ND	1.0	01/21/21 22:52	
1,2-Dichloroethane-d4 (S)	%	99	70-130	01/21/21 22:52	
4-Bromofluorobenzene (S)	%	95	70-130	01/21/21 22:52	
Toluene-d8 (S)	%	98	70-130	01/21/21 22:52	

LABORATORY CONTROL SAMPLE: 3134888

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	56.5	113	60-140	
1,1,1-Trichloroethane	ug/L	50	48.0	96	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	53.6	107	60-140	
1,1,2-Trichloroethane	ug/L	50	50.9	102	60-140	
1,1-Dichloroethane	ug/L	50	45.0	90	60-140	
1,1-Dichloroethene	ug/L	50	44.7	89	60-140	
1,1-Dichloropropene	ug/L	50	45.3	91	60-140	
1,2,3-Trichlorobenzene	ug/L	50	56.5	113	60-140	
1,2,3-Trichloropropane	ug/L	50	52.2	104	60-140	
1,2,4-Trichlorobenzene	ug/L	50	55.7	111	60-140	
1,2,4-Trimethylbenzene	ug/L	50	54.9	110	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	56.3	113	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	56.1	112	60-140	
1,2-Dichlorobenzene	ug/L	50	57.3	115	60-140	
1,2-Dichloroethane	ug/L	50	46.8	94	60-140	
1,2-Dichloropropane	ug/L	50	50.6	101	60-140	
1,3,5-Trimethylbenzene	ug/L	50	55.2	110	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517232

LABORATORY CONTROL SAMPLE: 3134888

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	56.8	114	60-140	
1,3-Dichloropropane	ug/L	50	52.4	105	60-140	
1,4-Dichlorobenzene	ug/L	50	56.7	113	60-140	
2,2-Dichloropropane	ug/L	50	47.2	94	60-140	
2-Chlorotoluene	ug/L	50	55.7	111	60-140	
4-Chlorotoluene	ug/L	50	55.0	110	60-140	
Benzene	ug/L	50	48.7	97	60-140	
Bromobenzene	ug/L	50	56.7	113	60-140	
Bromochloromethane	ug/L	50	46.8	94	60-140	
Bromodichloromethane	ug/L	50	51.9	104	60-140	
Bromoform	ug/L	50	59.6	119	60-140	
Bromomethane	ug/L	50	41.6	83	60-140	
Carbon tetrachloride	ug/L	50	49.7	99	60-140	
Chlorobenzene	ug/L	50	54.1	108	60-140	
Chloroethane	ug/L	50	37.6	75	60-140	
Chloroform	ug/L	50	45.1	90	60-140	
Chloromethane	ug/L	50	36.7	73	60-140	
cis-1,2-Dichloroethene	ug/L	50	45.5	91	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.7	105	60-140	
Dibromochloromethane	ug/L	50	59.7	119	60-140	
Dibromomethane	ug/L	50	53.9	108	60-140	
Dichlorodifluoromethane	ug/L	50	35.8	72	60-140	
Diisopropyl ether	ug/L	50	42.6	85	60-140	
Ethylbenzene	ug/L	50	53.5	107	60-140	
Hexachloro-1,3-butadiene	ug/L	50	54.7	109	60-140	
Isopropylbenzene (Cumene)	ug/L	50	53.7	107	60-140	
m&p-Xylene	ug/L	100	106	106	60-140	
Methyl-tert-butyl ether	ug/L	50	45.0	90	60-140	
Methylene Chloride	ug/L	50	45.5	91	60-140	
n-Butylbenzene	ug/L	50	54.9	110	60-140	
n-Propylbenzene	ug/L	50	53.7	107	60-140	
Naphthalene	ug/L	50	58.1	116	60-140	
o-Xylene	ug/L	50	54.2	108	60-140	
sec-Butylbenzene	ug/L	50	54.1	108	60-140	
Styrene	ug/L	50	55.2	110	60-140	
tert-Butylbenzene	ug/L	50	46.2	92	60-140	
Tetrachloroethene	ug/L	50	52.9	106	60-140	
Toluene	ug/L	50	49.1	98	60-140	
trans-1,2-Dichloroethene	ug/L	50	45.7	91	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.6	107	60-140	
Trichloroethene	ug/L	50	51.7	103	60-140	
Trichlorofluoromethane	ug/L	50	38.9	78	60-140	
Vinyl chloride	ug/L	50	36.3	73	60-140	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517232

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3134889 3134890

Parameter	Units	92517234001 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	23.3	23.5	117	117	60-140	1	
1,1,1-Trichloroethane	ug/L	ND	20	20	19.2	19.4	96	97	60-140	1	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	22.1	21.4	110	107	60-140	3	
1,1,2-Trichloroethane	ug/L	ND	20	20	21.0	21.0	105	105	60-140	0	
1,1-Dichloroethane	ug/L	ND	20	20	17.7	16.9	88	85	60-140	4	
1,1-Dichloroethene	ug/L	ND	20	20	13.8	13.4	69	67	60-140	2	
1,1-Dichloropropene	ug/L	ND	20	20	18.3	18.1	91	91	60-140	1	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	24.5	24.3	123	122	60-140	1	
1,2,3-Trichloropropane	ug/L	ND	20	20	22.3	21.9	111	109	60-140	2	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	24.1	24.2	120	121	60-140	1	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	22.6	23.1	113	116	60-140	2	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	24.3	24.6	122	123	60-140	1	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	21.5	22.4	107	112	60-140	4	
1,2-Dichlorobenzene	ug/L	ND	20	20	23.2	23.4	116	117	60-140	1	
1,2-Dichloroethane	ug/L	ND	20	20	18.8	19.0	94	95	60-140	1	
1,2-Dichloropropane	ug/L	ND	20	20	19.8	20.2	99	101	60-140	2	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	23.1	23.7	115	119	60-140	3	
1,3-Dichlorobenzene	ug/L	ND	20	20	22.9	23.6	114	118	60-140	3	
1,3-Dichloropropane	ug/L	ND	20	20	22.1	21.0	111	105	60-140	5	
1,4-Dichlorobenzene	ug/L	ND	20	20	22.5	22.6	113	113	60-140	0	
2,2-Dichloropropane	ug/L	ND	20	20	19.6	19.2	98	96	60-140	2	
2-Chlorotoluene	ug/L	ND	20	20	22.8	23.2	114	116	60-140	2	
4-Chlorotoluene	ug/L	ND	20	20	22.5	23.1	112	116	60-140	3	
Benzene	ug/L	ND	20	20	18.5	18.5	93	92	60-140	0	
Bromobenzene	ug/L	ND	20	20	23.5	24.0	117	120	60-140	2	
Bromochloromethane	ug/L	ND	20	20	17.8	18.1	89	91	60-140	2	
Bromodichloromethane	ug/L	ND	20	20	20.7	21.0	104	105	60-140	1	
Bromoform	ug/L	ND	20	20	24.0	23.9	120	119	60-140	0	
Bromomethane	ug/L	ND	20	20	9.2	8.8	46	44	60-140	4	M1
Carbon tetrachloride	ug/L	ND	20	20	19.9	20.4	99	102	60-140	3	
Chlorobenzene	ug/L	ND	20	20	22.2	22.2	111	111	60-140	0	
Chloroethane	ug/L	ND	20	20	8.8	8.3	44	42	60-140	5	M1
Chloroform	ug/L	ND	20	20	19.1	18.8	93	92	60-140	2	
Chloromethane	ug/L	ND	20	20	3.4	3.1	17	15	60-140	11	M1
cis-1,2-Dichloroethene	ug/L	ND	20	20	17.8	17.8	89	89	60-140	0	
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.8	21.5	104	107	60-140	3	
Dibromochloromethane	ug/L	ND	20	20	23.5	23.6	117	118	60-140	1	
Dibromomethane	ug/L	ND	20	20	21.4	21.4	107	107	60-140	0	
Dichlorodifluoromethane	ug/L	ND	20	20	ND	ND	1	1	60-140		M1
Diisopropyl ether	ug/L	ND	20	20	17.0	17.3	85	86	60-140	2	
Ethylbenzene	ug/L	ND	20	20	22.6	22.5	113	112	60-140	1	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	26.8	27.8	134	139	60-140	4	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	23.0	22.9	115	114	60-140	1	
m&p-Xylene	ug/L	ND	40	40	44.3	44.2	111	111	60-140	0	
Methyl-tert-butyl ether	ug/L	ND	20	20	17.7	17.2	88	86	60-140	3	
Methylene Chloride	ug/L	ND	20	20	15.9	15.7	79	78	60-140	1	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517232

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3134889 3134890

Parameter	Units	92517234001 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	24.2	25.0	121	125	60-140	3	
n-Propylbenzene	ug/L	ND	20	20	23.2	23.7	116	118	60-140	2	
Naphthalene	ug/L	ND	20	20	24.3	23.6	122	118	60-140	3	
o-Xylene	ug/L	ND	20	20	22.6	22.3	113	112	60-140	1	
sec-Butylbenzene	ug/L	ND	20	20	23.8	24.6	119	123	60-140	3	
Styrene	ug/L	ND	20	20	22.4	21.7	112	108	60-140	3	
tert-Butylbenzene	ug/L	ND	20	20	20.3	20.8	101	104	60-140	3	
Tetrachloroethene	ug/L	ND	20	20	22.5	23.4	113	117	60-140	4	
Toluene	ug/L	ND	20	20	20.5	20.5	102	103	60-140	0	
trans-1,2-Dichloroethene	ug/L	ND	20	20	16.4	16.6	82	83	60-140	1	
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.7	20.9	104	104	60-140	1	
Trichloroethene	ug/L	ND	20	20	20.3	21.3	102	107	60-140	5	
Trichlorofluoromethane	ug/L	ND	20	20	10.8	10.6	54	53	60-140	2	M1
Vinyl chloride	ug/L	ND	20	20	3.6	3.5	18	17	60-140	2	M1
1,2-Dichloroethane-d4 (S)	%						97	95	70-130		
4-Bromofluorobenzene (S)	%						97	97	70-130		
Toluene-d8 (S)	%						98	98	70-130		

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517232

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.

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92517232

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92517232001	**14401_HC_RD_2021119**	MADEPV	1610366	MADEP VPH	1610366
92517232001	**14401_HC_RD_2021119**	EPA 3010A	593861	EPA 6010D	593877
92517232001	**14401_HC_RD_2021119**	SM 6200B	594131		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

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

LAB USE ONLY- Affix Workorder/I
MTJ

WO# : 92517232

92517232

ALL SHADED AI

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: Andrew.Street@apexcos.com
Copy To:	Site Collection Info/Address: 14401 Huntersville Concord Rd
Customer Project Name/Number: 2020-LI-2448 Incident	State: NC County/City: Huntersville Time Zone Collected: [ ]PT [ ]MT [ ]CT [ ]ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Naomi Fretz	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Naomi Fretz	Turnaround Date Required: ASAP Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

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 _____

* 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	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs 6200B	MADEP VPH	Lead	Lab Profile/Line:
14401-HC-RO-20211119	GW	G	1-19-21	0930				8	X	X	X	92517232 001

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y (N) NA
Custody Signatures Present	(Y) N NA
Collector Signature Present	(Y) N NA
Bottles Intact	(Y) N NA
Correct Bottles	(Y) N NA
Sufficient Volume	(Y) N NA
Samples Received on Ice	(Y) N NA
VOA - Headspace Acceptable	(Y) N NA
USDA Regulated Soils	Y N (NA)
Samples in Holding Time	(Y) N NA
Residual Chlorine Present	Y N (NA)
Cl Strips:	
Sample pH Acceptable	(Y) N NA
pH Strips: 252518AV	
Sulfide Present	Y N (NA)
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: b. bags

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

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

Lab Tracking #: 2529473

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: IR9270G4
Cooler 1 Temp Upon Receipt: 4.6 oC
Cooler 1 Therm Corr. Factor: -.1 oC
Cooler 1 Corrected Temp: 4.5 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Fretz / Apex	1-19-21 1315	MD Pace	1-19-21 1715
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y (N) NA
HCL MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: _____ of: _____

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

January 27, 2021

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

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92517234

Dear Andrew Street:

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

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

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517234

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92517234

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92517234001	**13835_AC_RD_2021119**	MADEP VPH	BMB	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517234

Sample: 13835_AC_RD_2021119 **Lab ID: 92517234001** Collected: 01/19/21 11:05 Received: 01/19/21 13:15 Matrix: Water

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/L	100	1	01/26/21 14:20	01/26/21 14:20		
Aliphatic (C09-C12)	ND	ug/L	100	1	01/26/21 14:20	01/26/21 14:20		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	01/26/21 14:20	01/26/21 14:20	TPHC9C10A	
Total VPH	ND	ug/L	100	1	01/26/21 14:20	01/26/21 14:20	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	83.2	%	70.0-130	1	01/26/21 14:20	01/26/21 14:20	615-59-8FID	
2,5-Dibromotoluene (PID)	73.6	%	70.0-130	1	01/26/21 14:20	01/26/21 14:20	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	01/20/21 01:50	01/20/21 15:15	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		01/21/21 23:28	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		01/21/21 23:28	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		01/21/21 23:28	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		01/21/21 23:28	75-27-4	
Bromoform	ND	ug/L	0.50	1		01/21/21 23:28	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/21/21 23:28	74-83-9	M1
n-Butylbenzene	ND	ug/L	0.50	1		01/21/21 23:28	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		01/21/21 23:28	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		01/21/21 23:28	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		01/21/21 23:28	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		01/21/21 23:28	108-90-7	
Chloroethane	ND	ug/L	1.0	1		01/21/21 23:28	75-00-3	M1
Chloroform	ND	ug/L	0.50	1		01/21/21 23:28	67-66-3	
Chloromethane	ND	ug/L	1.0	1		01/21/21 23:28	74-87-3	M1
2-Chlorotoluene	ND	ug/L	0.50	1		01/21/21 23:28	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		01/21/21 23:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		01/21/21 23:28	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		01/21/21 23:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		01/21/21 23:28	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		01/21/21 23:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		01/21/21 23:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		01/21/21 23:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		01/21/21 23:28	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		01/21/21 23:28	75-71-8	M1
1,1-Dichloroethane	ND	ug/L	0.50	1		01/21/21 23:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		01/21/21 23:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		01/21/21 23:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		01/21/21 23:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		01/21/21 23:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		01/21/21 23:28	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		01/21/21 23:28	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		01/21/21 23:28	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517234

Sample: 13835_AC_RD_2021119 **Lab ID: 92517234001** Collected: 01/19/21 11:05 Received: 01/19/21 13:15 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		01/21/21 23:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		01/21/21 23:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		01/21/21 23:28	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		01/21/21 23:28	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		01/21/21 23:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		01/21/21 23:28	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		01/21/21 23:28	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		01/21/21 23:28	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		01/21/21 23:28	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		01/21/21 23:28	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		01/21/21 23:28	103-65-1	
Styrene	ND	ug/L	0.50	1		01/21/21 23:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		01/21/21 23:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		01/21/21 23:28	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		01/21/21 23:28	127-18-4	
Toluene	ND	ug/L	0.50	1		01/21/21 23:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		01/21/21 23:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		01/21/21 23:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		01/21/21 23:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		01/21/21 23:28	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		01/21/21 23:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		01/21/21 23:28	75-69-4	M1
1,2,3-Trichloropropane	ND	ug/L	0.50	1		01/21/21 23:28	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		01/21/21 23:28	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		01/21/21 23:28	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		01/21/21 23:28	75-01-4	M1
m&p-Xylene	ND	ug/L	1.0	1		01/21/21 23:28	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		01/21/21 23:28	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		01/21/21 23:28	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130	1		01/21/21 23:28	460-00-4	
Toluene-d8 (S)	97	%	70-130	1		01/21/21 23:28	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517234

QC Batch: 1611496
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92517234001

METHOD BLANK: R3616425-3 Matrix: Water
Associated Lab Samples: 92517234001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	01/26/21 13:38	
Aliphatic (C09-C12)	ug/L	ND	100	01/26/21 13:38	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	01/26/21 13:38	
Total VPH	ug/L	ND	100	01/26/21 13:38	
2,5-Dibromotoluene (FID)	%	79.9	70.0-130	01/26/21 13:38	
2,5-Dibromotoluene (PID)	%	70.7	70.0-130	01/26/21 13:38	

LABORATORY CONTROL SAMPLE & LCSD: R3616425-1 R3616425-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1220	1220	102	102	70.0-130	0.00	25	
Aliphatic (C09-C12)	ug/L	1400	1460	1450	104	104	70.0-130	0.687	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	185	185	92.5	92.5	70.0-130	0.00	25	
Total VPH	ug/L	2800	2870	2860	103	102	70.0-130	0.349	25	
2,5-Dibromotoluene (FID)	%				86.2	84.8	70.0-130			
2,5-Dibromotoluene (PID)	%				76.9	75.7	70.0-130			

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517234

QC Batch: 593861
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92517234001

METHOD BLANK: 3133679 Matrix: Water
Associated Lab Samples: 92517234001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	01/20/21 11:22	

LABORATORY CONTROL SAMPLE: 3133680

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	479	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3133681 3133682

Parameter	Units	92517376001 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	495	493	98	98	75-125	1	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517234

QC Batch: 594131
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92517234001

METHOD BLANK: 3134887 Matrix: Water
Associated Lab Samples: 92517234001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,1,1-Trichloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,1,2-Trichloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,1-Dichloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,1-Dichloroethene	ug/L	ND	0.50	01/21/21 22:52	
1,1-Dichloropropene	ug/L	ND	0.50	01/21/21 22:52	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	01/21/21 22:52	
1,2,3-Trichloropropane	ug/L	ND	0.50	01/21/21 22:52	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	01/21/21 22:52	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	01/21/21 22:52	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	01/21/21 22:52	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	01/21/21 22:52	
1,2-Dichlorobenzene	ug/L	ND	0.50	01/21/21 22:52	
1,2-Dichloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,2-Dichloropropane	ug/L	ND	0.50	01/21/21 22:52	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	01/21/21 22:52	
1,3-Dichlorobenzene	ug/L	ND	0.50	01/21/21 22:52	
1,3-Dichloropropane	ug/L	ND	0.50	01/21/21 22:52	
1,4-Dichlorobenzene	ug/L	ND	0.50	01/21/21 22:52	
2,2-Dichloropropane	ug/L	ND	0.50	01/21/21 22:52	
2-Chlorotoluene	ug/L	ND	0.50	01/21/21 22:52	
4-Chlorotoluene	ug/L	ND	0.50	01/21/21 22:52	
Benzene	ug/L	ND	0.50	01/21/21 22:52	
Bromobenzene	ug/L	ND	0.50	01/21/21 22:52	
Bromochloromethane	ug/L	ND	0.50	01/21/21 22:52	
Bromodichloromethane	ug/L	ND	0.50	01/21/21 22:52	
Bromoform	ug/L	ND	0.50	01/21/21 22:52	
Bromomethane	ug/L	ND	5.0	01/21/21 22:52	
Carbon tetrachloride	ug/L	ND	0.50	01/21/21 22:52	
Chlorobenzene	ug/L	ND	0.50	01/21/21 22:52	
Chloroethane	ug/L	ND	1.0	01/21/21 22:52	
Chloroform	ug/L	ND	0.50	01/21/21 22:52	
Chloromethane	ug/L	ND	1.0	01/21/21 22:52	
cis-1,2-Dichloroethene	ug/L	ND	0.50	01/21/21 22:52	
cis-1,3-Dichloropropene	ug/L	ND	0.50	01/21/21 22:52	
Dibromochloromethane	ug/L	ND	0.50	01/21/21 22:52	
Dibromomethane	ug/L	ND	0.50	01/21/21 22:52	
Dichlorodifluoromethane	ug/L	ND	0.50	01/21/21 22:52	
Diisopropyl ether	ug/L	ND	0.50	01/21/21 22:52	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517234

METHOD BLANK: 3134887 Matrix: Water
Associated Lab Samples: 92517234001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	01/21/21 22:52	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	01/21/21 22:52	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	01/21/21 22:52	
m&p-Xylene	ug/L	ND	1.0	01/21/21 22:52	
Methyl-tert-butyl ether	ug/L	ND	0.50	01/21/21 22:52	
Methylene Chloride	ug/L	ND	2.0	01/21/21 22:52	
n-Butylbenzene	ug/L	ND	0.50	01/21/21 22:52	
n-Propylbenzene	ug/L	ND	0.50	01/21/21 22:52	
Naphthalene	ug/L	ND	2.0	01/21/21 22:52	
o-Xylene	ug/L	ND	0.50	01/21/21 22:52	
sec-Butylbenzene	ug/L	ND	0.50	01/21/21 22:52	
Styrene	ug/L	ND	0.50	01/21/21 22:52	
tert-Butylbenzene	ug/L	ND	0.50	01/21/21 22:52	
Tetrachloroethene	ug/L	ND	0.50	01/21/21 22:52	
Toluene	ug/L	ND	0.50	01/21/21 22:52	
trans-1,2-Dichloroethene	ug/L	ND	0.50	01/21/21 22:52	
trans-1,3-Dichloropropene	ug/L	ND	0.50	01/21/21 22:52	
Trichloroethene	ug/L	ND	0.50	01/21/21 22:52	
Trichlorofluoromethane	ug/L	ND	1.0	01/21/21 22:52	
Vinyl chloride	ug/L	ND	1.0	01/21/21 22:52	
1,2-Dichloroethane-d4 (S)	%	99	70-130	01/21/21 22:52	
4-Bromofluorobenzene (S)	%	95	70-130	01/21/21 22:52	
Toluene-d8 (S)	%	98	70-130	01/21/21 22:52	

LABORATORY CONTROL SAMPLE: 3134888

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	56.5	113	60-140	
1,1,1-Trichloroethane	ug/L	50	48.0	96	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	53.6	107	60-140	
1,1,2-Trichloroethane	ug/L	50	50.9	102	60-140	
1,1-Dichloroethane	ug/L	50	45.0	90	60-140	
1,1-Dichloroethene	ug/L	50	44.7	89	60-140	
1,1-Dichloropropene	ug/L	50	45.3	91	60-140	
1,2,3-Trichlorobenzene	ug/L	50	56.5	113	60-140	
1,2,3-Trichloropropane	ug/L	50	52.2	104	60-140	
1,2,4-Trichlorobenzene	ug/L	50	55.7	111	60-140	
1,2,4-Trimethylbenzene	ug/L	50	54.9	110	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	56.3	113	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	56.1	112	60-140	
1,2-Dichlorobenzene	ug/L	50	57.3	115	60-140	
1,2-Dichloroethane	ug/L	50	46.8	94	60-140	
1,2-Dichloropropane	ug/L	50	50.6	101	60-140	
1,3,5-Trimethylbenzene	ug/L	50	55.2	110	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517234

LABORATORY CONTROL SAMPLE: 3134888

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	56.8	114	60-140	
1,3-Dichloropropane	ug/L	50	52.4	105	60-140	
1,4-Dichlorobenzene	ug/L	50	56.7	113	60-140	
2,2-Dichloropropane	ug/L	50	47.2	94	60-140	
2-Chlorotoluene	ug/L	50	55.7	111	60-140	
4-Chlorotoluene	ug/L	50	55.0	110	60-140	
Benzene	ug/L	50	48.7	97	60-140	
Bromobenzene	ug/L	50	56.7	113	60-140	
Bromochloromethane	ug/L	50	46.8	94	60-140	
Bromodichloromethane	ug/L	50	51.9	104	60-140	
Bromoform	ug/L	50	59.6	119	60-140	
Bromomethane	ug/L	50	41.6	83	60-140	
Carbon tetrachloride	ug/L	50	49.7	99	60-140	
Chlorobenzene	ug/L	50	54.1	108	60-140	
Chloroethane	ug/L	50	37.6	75	60-140	
Chloroform	ug/L	50	45.1	90	60-140	
Chloromethane	ug/L	50	36.7	73	60-140	
cis-1,2-Dichloroethene	ug/L	50	45.5	91	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.7	105	60-140	
Dibromochloromethane	ug/L	50	59.7	119	60-140	
Dibromomethane	ug/L	50	53.9	108	60-140	
Dichlorodifluoromethane	ug/L	50	35.8	72	60-140	
Diisopropyl ether	ug/L	50	42.6	85	60-140	
Ethylbenzene	ug/L	50	53.5	107	60-140	
Hexachloro-1,3-butadiene	ug/L	50	54.7	109	60-140	
Isopropylbenzene (Cumene)	ug/L	50	53.7	107	60-140	
m&p-Xylene	ug/L	100	106	106	60-140	
Methyl-tert-butyl ether	ug/L	50	45.0	90	60-140	
Methylene Chloride	ug/L	50	45.5	91	60-140	
n-Butylbenzene	ug/L	50	54.9	110	60-140	
n-Propylbenzene	ug/L	50	53.7	107	60-140	
Naphthalene	ug/L	50	58.1	116	60-140	
o-Xylene	ug/L	50	54.2	108	60-140	
sec-Butylbenzene	ug/L	50	54.1	108	60-140	
Styrene	ug/L	50	55.2	110	60-140	
tert-Butylbenzene	ug/L	50	46.2	92	60-140	
Tetrachloroethene	ug/L	50	52.9	106	60-140	
Toluene	ug/L	50	49.1	98	60-140	
trans-1,2-Dichloroethene	ug/L	50	45.7	91	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.6	107	60-140	
Trichloroethene	ug/L	50	51.7	103	60-140	
Trichlorofluoromethane	ug/L	50	38.9	78	60-140	
Vinyl chloride	ug/L	50	36.3	73	60-140	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517234

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3134889 3134890

Parameter	Units	92517234001 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	23.3	23.5	117	117	60-140	1	
1,1,1-Trichloroethane	ug/L	ND	20	20	19.2	19.4	96	97	60-140	1	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	22.1	21.4	110	107	60-140	3	
1,1,2-Trichloroethane	ug/L	ND	20	20	21.0	21.0	105	105	60-140	0	
1,1-Dichloroethane	ug/L	ND	20	20	17.7	16.9	88	85	60-140	4	
1,1-Dichloroethene	ug/L	ND	20	20	13.8	13.4	69	67	60-140	2	
1,1-Dichloropropene	ug/L	ND	20	20	18.3	18.1	91	91	60-140	1	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	24.5	24.3	123	122	60-140	1	
1,2,3-Trichloropropane	ug/L	ND	20	20	22.3	21.9	111	109	60-140	2	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	24.1	24.2	120	121	60-140	1	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	22.6	23.1	113	116	60-140	2	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	24.3	24.6	122	123	60-140	1	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	21.5	22.4	107	112	60-140	4	
1,2-Dichlorobenzene	ug/L	ND	20	20	23.2	23.4	116	117	60-140	1	
1,2-Dichloroethane	ug/L	ND	20	20	18.8	19.0	94	95	60-140	1	
1,2-Dichloropropane	ug/L	ND	20	20	19.8	20.2	99	101	60-140	2	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	23.1	23.7	115	119	60-140	3	
1,3-Dichlorobenzene	ug/L	ND	20	20	22.9	23.6	114	118	60-140	3	
1,3-Dichloropropane	ug/L	ND	20	20	22.1	21.0	111	105	60-140	5	
1,4-Dichlorobenzene	ug/L	ND	20	20	22.5	22.6	113	113	60-140	0	
2,2-Dichloropropane	ug/L	ND	20	20	19.6	19.2	98	96	60-140	2	
2-Chlorotoluene	ug/L	ND	20	20	22.8	23.2	114	116	60-140	2	
4-Chlorotoluene	ug/L	ND	20	20	22.5	23.1	112	116	60-140	3	
Benzene	ug/L	ND	20	20	18.5	18.5	93	92	60-140	0	
Bromobenzene	ug/L	ND	20	20	23.5	24.0	117	120	60-140	2	
Bromochloromethane	ug/L	ND	20	20	17.8	18.1	89	91	60-140	2	
Bromodichloromethane	ug/L	ND	20	20	20.7	21.0	104	105	60-140	1	
Bromoform	ug/L	ND	20	20	24.0	23.9	120	119	60-140	0	
Bromomethane	ug/L	ND	20	20	9.2	8.8	46	44	60-140	4	M1
Carbon tetrachloride	ug/L	ND	20	20	19.9	20.4	99	102	60-140	3	
Chlorobenzene	ug/L	ND	20	20	22.2	22.2	111	111	60-140	0	
Chloroethane	ug/L	ND	20	20	8.8	8.3	44	42	60-140	5	M1
Chloroform	ug/L	ND	20	20	19.1	18.8	93	92	60-140	2	
Chloromethane	ug/L	ND	20	20	3.4	3.1	17	15	60-140	11	M1
cis-1,2-Dichloroethene	ug/L	ND	20	20	17.8	17.8	89	89	60-140	0	
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.8	21.5	104	107	60-140	3	
Dibromochloromethane	ug/L	ND	20	20	23.5	23.6	117	118	60-140	1	
Dibromomethane	ug/L	ND	20	20	21.4	21.4	107	107	60-140	0	
Dichlorodifluoromethane	ug/L	ND	20	20	ND	ND	1	1	60-140		M1
Diisopropyl ether	ug/L	ND	20	20	17.0	17.3	85	86	60-140	2	
Ethylbenzene	ug/L	ND	20	20	22.6	22.5	113	112	60-140	1	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	26.8	27.8	134	139	60-140	4	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	23.0	22.9	115	114	60-140	1	
m&p-Xylene	ug/L	ND	40	40	44.3	44.2	111	111	60-140	0	
Methyl-tert-butyl ether	ug/L	ND	20	20	17.7	17.2	88	86	60-140	3	
Methylene Chloride	ug/L	ND	20	20	15.9	15.7	79	78	60-140	1	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517234

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3134889 3134890

Parameter	Units	92517234001 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	24.2	25.0	121	125	60-140	3	
n-Propylbenzene	ug/L	ND	20	20	23.2	23.7	116	118	60-140	2	
Naphthalene	ug/L	ND	20	20	24.3	23.6	122	118	60-140	3	
o-Xylene	ug/L	ND	20	20	22.6	22.3	113	112	60-140	1	
sec-Butylbenzene	ug/L	ND	20	20	23.8	24.6	119	123	60-140	3	
Styrene	ug/L	ND	20	20	22.4	21.7	112	108	60-140	3	
tert-Butylbenzene	ug/L	ND	20	20	20.3	20.8	101	104	60-140	3	
Tetrachloroethene	ug/L	ND	20	20	22.5	23.4	113	117	60-140	4	
Toluene	ug/L	ND	20	20	20.5	20.5	102	103	60-140	0	
trans-1,2-Dichloroethene	ug/L	ND	20	20	16.4	16.6	82	83	60-140	1	
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.7	20.9	104	104	60-140	1	
Trichloroethene	ug/L	ND	20	20	20.3	21.3	102	107	60-140	5	
Trichlorofluoromethane	ug/L	ND	20	20	10.8	10.6	54	53	60-140	2	M1
Vinyl chloride	ug/L	ND	20	20	3.6	3.5	18	17	60-140	2	M1
1,2-Dichloroethane-d4 (S)	%						97	95	70-130		
4-Bromofluorobenzene (S)	%						97	97	70-130		
Toluene-d8 (S)	%						98	98	70-130		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517234

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92517234

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92517234001	**13835_AC_RD_2021119**	MADEPV	1611496	MADEP VPH	1611496
92517234001	**13835_AC_RD_2021119**	EPA 3010A	593861	EPA 6010D	593877
92517234001	**13835_AC_RD_2021119**	SM 6200B	594131		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

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

LAB USE

WO# : 92517234

92517234

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: Andrew.Street@apexcos.com
Copy To:	Site Collection Info/Address: 13835 Asbury Chapel Rd
Customer Project Name/Number: 2020-LI-2448 Incident	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Naomi Fretz	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Naomi Fretz	Turnaround Date Required: ASAP Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOCs 6200B	MADEP VPH	Lead							Lab Sample # / Comments
13835-AC-RD-20211119	GW	G	1-19-21	11:05				8	X	X	X							92517234 001

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y (N) NA
Custody Signatures Present	(Y) N NA
Collector Signature Present	(Y) N NA
Bottles Intact	(Y) N NA
Correct Bottles	(Y) N NA
Sufficient Volume	(Y) N NA
Samples Received on Ice	(Y) N NA
VOA - Headspace Acceptable	(Y) N NA
USDA Regulated Soils	Y N (NA)
Samples in Holding Time	(Y) N NA
Residual Chlorine Present	Y N (NA)
Cl Strips: _____	
Sample pH Acceptable	(Y) N NA
pH Strips: 232518AV	
Sulfide Present	Y N (NA)
Lead Acetate Strips: _____	

LAB USE ONLY:

Lab Sample # / Comments:

92517234 001

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: b. bags

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

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

Lab Tracking #: 2529460

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y (N) NA

Therm ID#: IR9ITO64

Cooler 1 Temp Upon Receipt: 4.6 oC

Cooler 1 Therm Corr. Factor: -.1 oC

Cooler 1 Corrected Temp: 4.5 oC

Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Fretz / Apex	1-19-21 1315	MDG Pace MT	1-21 8:15
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip Blank Received: Y (N) NA

HCL MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: _____ of: _____

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

January 27, 2021

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

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92517235

Dear Andrew Street:

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

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

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517235

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92517235

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92517235001	**13800_HC_RD_2021119**	MADEP VPH	BMB, DWR	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517235

Sample: 13800_HC_RD_2021119 **Lab ID: 92517235001** Collected: 01/19/21 08:35 Received: 01/19/21 13:15 Matrix: Water

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/L	100	1	01/23/21 11:02	01/23/21 11:02		
Aliphatic (C09-C12)	ND	ug/L	100	1	01/26/21 14:53	01/26/21 14:53		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	01/23/21 11:02	01/23/21 11:02	TPHC9C10A	
Total VPH	ND	ug/L	100	1	01/26/21 14:53	01/26/21 14:53	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	85.7	%	70.0-130	1	01/23/21 11:02	01/23/21 11:02	615-59-8FID	
2,5-Dibromotoluene (FID)	85.4	%	70.0-130	1	01/26/21 14:53	01/26/21 14:53	615-59-8FID	
2,5-Dibromotoluene (PID)	75.0	%	70.0-130	1	01/23/21 11:02	01/23/21 11:02	615-59-8PID	
2,5-Dibromotoluene (PID)	74.7	%	70.0-130	1	01/26/21 14:53	01/26/21 14:53	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	01/20/21 01:50	01/20/21 15:18	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		01/22/21 00:04	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		01/22/21 00:04	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		01/22/21 00:04	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		01/22/21 00:04	75-27-4	
Bromoform	ND	ug/L	0.50	1		01/22/21 00:04	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/22/21 00:04	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		01/22/21 00:04	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		01/22/21 00:04	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		01/22/21 00:04	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		01/22/21 00:04	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		01/22/21 00:04	108-90-7	
Chloroethane	ND	ug/L	1.0	1		01/22/21 00:04	75-00-3	
Chloroform	ND	ug/L	0.50	1		01/22/21 00:04	67-66-3	
Chloromethane	ND	ug/L	1.0	1		01/22/21 00:04	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		01/22/21 00:04	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		01/22/21 00:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		01/22/21 00:04	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		01/22/21 00:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		01/22/21 00:04	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		01/22/21 00:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		01/22/21 00:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		01/22/21 00:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		01/22/21 00:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		01/22/21 00:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		01/22/21 00:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		01/22/21 00:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		01/22/21 00:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		01/22/21 00:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		01/22/21 00:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		01/22/21 00:04	78-87-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517235

Sample: 13800_HC_RD_2021119 **Lab ID: 92517235001** Collected: 01/19/21 08:35 Received: 01/19/21 13:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	1		01/22/21 00:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		01/22/21 00:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		01/22/21 00:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		01/22/21 00:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		01/22/21 00:04	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		01/22/21 00:04	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		01/22/21 00:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		01/22/21 00:04	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		01/22/21 00:04	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		01/22/21 00:04	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		01/22/21 00:04	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		01/22/21 00:04	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		01/22/21 00:04	103-65-1	
Styrene	ND	ug/L	0.50	1		01/22/21 00:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		01/22/21 00:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		01/22/21 00:04	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		01/22/21 00:04	127-18-4	
Toluene	ND	ug/L	0.50	1		01/22/21 00:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		01/22/21 00:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		01/22/21 00:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		01/22/21 00:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		01/22/21 00:04	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		01/22/21 00:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		01/22/21 00:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		01/22/21 00:04	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		01/22/21 00:04	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		01/22/21 00:04	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		01/22/21 00:04	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		01/22/21 00:04	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		01/22/21 00:04	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		01/22/21 00:04	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130	1		01/22/21 00:04	460-00-4	
Toluene-d8 (S)	97	%	70-130	1		01/22/21 00:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517235

QC Batch: 1610366
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92517235001

METHOD BLANK: R3616118-3 Matrix: Water
Associated Lab Samples: 92517235001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	01/23/21 05:30	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	01/23/21 05:30	
2,5-Dibromotoluene (FID)	%	89	70.0-130	01/23/21 05:30	
2,5-Dibromotoluene (PID)	%	82.5	70.0-130	01/23/21 05:30	

LABORATORY CONTROL SAMPLE & LCSD: R3616118-1 R3616118-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1330	1320	111	110	70.0-130	0.755	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	225	218	112	109	70.0-130	3.16	25	
2,5-Dibromotoluene (FID)	%				99.2	96.1	70.0-130			
2,5-Dibromotoluene (PID)	%				93.8	90.0	70.0-130			

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517235

QC Batch: 1611496
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92517235001

METHOD BLANK: R3616425-3 Matrix: Water
Associated Lab Samples: 92517235001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C09-C12)	ug/L	ND	100	01/26/21 13:38	
Total VPH	ug/L	ND	100	01/26/21 13:38	
2,5-Dibromotoluene (FID)	%	79.9	70.0-130	01/26/21 13:38	
2,5-Dibromotoluene (PID)	%	70.7	70.0-130	01/26/21 13:38	

LABORATORY CONTROL SAMPLE & LCSD: R3616425-1 R3616425-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C09-C12)	ug/L	1400	1460	1450	104	104	70.0-130	0.687	25	
Total VPH	ug/L	2800	2870	2860	103	102	70.0-130	0.349	25	
2,5-Dibromotoluene (FID)	%				86.2	84.8	70.0-130			
2,5-Dibromotoluene (PID)	%				76.9	75.7	70.0-130			

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517235

QC Batch: 593861
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92517235001

METHOD BLANK: 3133679 Matrix: Water
Associated Lab Samples: 92517235001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	01/20/21 11:22	

LABORATORY CONTROL SAMPLE: 3133680

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	479	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3133681 3133682

Parameter	Units	92517376001 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	495	493	98	98	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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517235

QC Batch: 594131
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92517235001

METHOD BLANK: 3134887 Matrix: Water
Associated Lab Samples: 92517235001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,1,1-Trichloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,1,2-Trichloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,1-Dichloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,1-Dichloroethene	ug/L	ND	0.50	01/21/21 22:52	
1,1-Dichloropropene	ug/L	ND	0.50	01/21/21 22:52	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	01/21/21 22:52	
1,2,3-Trichloropropane	ug/L	ND	0.50	01/21/21 22:52	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	01/21/21 22:52	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	01/21/21 22:52	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	01/21/21 22:52	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	01/21/21 22:52	
1,2-Dichlorobenzene	ug/L	ND	0.50	01/21/21 22:52	
1,2-Dichloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,2-Dichloropropane	ug/L	ND	0.50	01/21/21 22:52	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	01/21/21 22:52	
1,3-Dichlorobenzene	ug/L	ND	0.50	01/21/21 22:52	
1,3-Dichloropropane	ug/L	ND	0.50	01/21/21 22:52	
1,4-Dichlorobenzene	ug/L	ND	0.50	01/21/21 22:52	
2,2-Dichloropropane	ug/L	ND	0.50	01/21/21 22:52	
2-Chlorotoluene	ug/L	ND	0.50	01/21/21 22:52	
4-Chlorotoluene	ug/L	ND	0.50	01/21/21 22:52	
Benzene	ug/L	ND	0.50	01/21/21 22:52	
Bromobenzene	ug/L	ND	0.50	01/21/21 22:52	
Bromochloromethane	ug/L	ND	0.50	01/21/21 22:52	
Bromodichloromethane	ug/L	ND	0.50	01/21/21 22:52	
Bromoform	ug/L	ND	0.50	01/21/21 22:52	
Bromomethane	ug/L	ND	5.0	01/21/21 22:52	
Carbon tetrachloride	ug/L	ND	0.50	01/21/21 22:52	
Chlorobenzene	ug/L	ND	0.50	01/21/21 22:52	
Chloroethane	ug/L	ND	1.0	01/21/21 22:52	
Chloroform	ug/L	ND	0.50	01/21/21 22:52	
Chloromethane	ug/L	ND	1.0	01/21/21 22:52	
cis-1,2-Dichloroethene	ug/L	ND	0.50	01/21/21 22:52	
cis-1,3-Dichloropropene	ug/L	ND	0.50	01/21/21 22:52	
Dibromochloromethane	ug/L	ND	0.50	01/21/21 22:52	
Dibromomethane	ug/L	ND	0.50	01/21/21 22:52	
Dichlorodifluoromethane	ug/L	ND	0.50	01/21/21 22:52	
Diisopropyl ether	ug/L	ND	0.50	01/21/21 22:52	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517235

METHOD BLANK: 3134887 Matrix: Water
Associated Lab Samples: 92517235001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	01/21/21 22:52	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	01/21/21 22:52	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	01/21/21 22:52	
m&p-Xylene	ug/L	ND	1.0	01/21/21 22:52	
Methyl-tert-butyl ether	ug/L	ND	0.50	01/21/21 22:52	
Methylene Chloride	ug/L	ND	2.0	01/21/21 22:52	
n-Butylbenzene	ug/L	ND	0.50	01/21/21 22:52	
n-Propylbenzene	ug/L	ND	0.50	01/21/21 22:52	
Naphthalene	ug/L	ND	2.0	01/21/21 22:52	
o-Xylene	ug/L	ND	0.50	01/21/21 22:52	
sec-Butylbenzene	ug/L	ND	0.50	01/21/21 22:52	
Styrene	ug/L	ND	0.50	01/21/21 22:52	
tert-Butylbenzene	ug/L	ND	0.50	01/21/21 22:52	
Tetrachloroethene	ug/L	ND	0.50	01/21/21 22:52	
Toluene	ug/L	ND	0.50	01/21/21 22:52	
trans-1,2-Dichloroethene	ug/L	ND	0.50	01/21/21 22:52	
trans-1,3-Dichloropropene	ug/L	ND	0.50	01/21/21 22:52	
Trichloroethene	ug/L	ND	0.50	01/21/21 22:52	
Trichlorofluoromethane	ug/L	ND	1.0	01/21/21 22:52	
Vinyl chloride	ug/L	ND	1.0	01/21/21 22:52	
1,2-Dichloroethane-d4 (S)	%	99	70-130	01/21/21 22:52	
4-Bromofluorobenzene (S)	%	95	70-130	01/21/21 22:52	
Toluene-d8 (S)	%	98	70-130	01/21/21 22:52	

LABORATORY CONTROL SAMPLE: 3134888

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	56.5	113	60-140	
1,1,1-Trichloroethane	ug/L	50	48.0	96	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	53.6	107	60-140	
1,1,2-Trichloroethane	ug/L	50	50.9	102	60-140	
1,1-Dichloroethane	ug/L	50	45.0	90	60-140	
1,1-Dichloroethene	ug/L	50	44.7	89	60-140	
1,1-Dichloropropene	ug/L	50	45.3	91	60-140	
1,2,3-Trichlorobenzene	ug/L	50	56.5	113	60-140	
1,2,3-Trichloropropane	ug/L	50	52.2	104	60-140	
1,2,4-Trichlorobenzene	ug/L	50	55.7	111	60-140	
1,2,4-Trimethylbenzene	ug/L	50	54.9	110	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	56.3	113	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	56.1	112	60-140	
1,2-Dichlorobenzene	ug/L	50	57.3	115	60-140	
1,2-Dichloroethane	ug/L	50	46.8	94	60-140	
1,2-Dichloropropane	ug/L	50	50.6	101	60-140	
1,3,5-Trimethylbenzene	ug/L	50	55.2	110	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517235

LABORATORY CONTROL SAMPLE: 3134888

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	56.8	114	60-140	
1,3-Dichloropropane	ug/L	50	52.4	105	60-140	
1,4-Dichlorobenzene	ug/L	50	56.7	113	60-140	
2,2-Dichloropropane	ug/L	50	47.2	94	60-140	
2-Chlorotoluene	ug/L	50	55.7	111	60-140	
4-Chlorotoluene	ug/L	50	55.0	110	60-140	
Benzene	ug/L	50	48.7	97	60-140	
Bromobenzene	ug/L	50	56.7	113	60-140	
Bromochloromethane	ug/L	50	46.8	94	60-140	
Bromodichloromethane	ug/L	50	51.9	104	60-140	
Bromoform	ug/L	50	59.6	119	60-140	
Bromomethane	ug/L	50	41.6	83	60-140	
Carbon tetrachloride	ug/L	50	49.7	99	60-140	
Chlorobenzene	ug/L	50	54.1	108	60-140	
Chloroethane	ug/L	50	37.6	75	60-140	
Chloroform	ug/L	50	45.1	90	60-140	
Chloromethane	ug/L	50	36.7	73	60-140	
cis-1,2-Dichloroethene	ug/L	50	45.5	91	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.7	105	60-140	
Dibromochloromethane	ug/L	50	59.7	119	60-140	
Dibromomethane	ug/L	50	53.9	108	60-140	
Dichlorodifluoromethane	ug/L	50	35.8	72	60-140	
Diisopropyl ether	ug/L	50	42.6	85	60-140	
Ethylbenzene	ug/L	50	53.5	107	60-140	
Hexachloro-1,3-butadiene	ug/L	50	54.7	109	60-140	
Isopropylbenzene (Cumene)	ug/L	50	53.7	107	60-140	
m&p-Xylene	ug/L	100	106	106	60-140	
Methyl-tert-butyl ether	ug/L	50	45.0	90	60-140	
Methylene Chloride	ug/L	50	45.5	91	60-140	
n-Butylbenzene	ug/L	50	54.9	110	60-140	
n-Propylbenzene	ug/L	50	53.7	107	60-140	
Naphthalene	ug/L	50	58.1	116	60-140	
o-Xylene	ug/L	50	54.2	108	60-140	
sec-Butylbenzene	ug/L	50	54.1	108	60-140	
Styrene	ug/L	50	55.2	110	60-140	
tert-Butylbenzene	ug/L	50	46.2	92	60-140	
Tetrachloroethene	ug/L	50	52.9	106	60-140	
Toluene	ug/L	50	49.1	98	60-140	
trans-1,2-Dichloroethene	ug/L	50	45.7	91	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.6	107	60-140	
Trichloroethene	ug/L	50	51.7	103	60-140	
Trichlorofluoromethane	ug/L	50	38.9	78	60-140	
Vinyl chloride	ug/L	50	36.3	73	60-140	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517235

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3134889 3134890

Parameter	Units	92517234001 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	23.3	23.5	117	117	60-140	1	
1,1,1-Trichloroethane	ug/L	ND	20	20	19.2	19.4	96	97	60-140	1	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	22.1	21.4	110	107	60-140	3	
1,1,2-Trichloroethane	ug/L	ND	20	20	21.0	21.0	105	105	60-140	0	
1,1-Dichloroethane	ug/L	ND	20	20	17.7	16.9	88	85	60-140	4	
1,1-Dichloroethene	ug/L	ND	20	20	13.8	13.4	69	67	60-140	2	
1,1-Dichloropropene	ug/L	ND	20	20	18.3	18.1	91	91	60-140	1	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	24.5	24.3	123	122	60-140	1	
1,2,3-Trichloropropane	ug/L	ND	20	20	22.3	21.9	111	109	60-140	2	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	24.1	24.2	120	121	60-140	1	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	22.6	23.1	113	116	60-140	2	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	24.3	24.6	122	123	60-140	1	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	21.5	22.4	107	112	60-140	4	
1,2-Dichlorobenzene	ug/L	ND	20	20	23.2	23.4	116	117	60-140	1	
1,2-Dichloroethane	ug/L	ND	20	20	18.8	19.0	94	95	60-140	1	
1,2-Dichloropropane	ug/L	ND	20	20	19.8	20.2	99	101	60-140	2	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	23.1	23.7	115	119	60-140	3	
1,3-Dichlorobenzene	ug/L	ND	20	20	22.9	23.6	114	118	60-140	3	
1,3-Dichloropropane	ug/L	ND	20	20	22.1	21.0	111	105	60-140	5	
1,4-Dichlorobenzene	ug/L	ND	20	20	22.5	22.6	113	113	60-140	0	
2,2-Dichloropropane	ug/L	ND	20	20	19.6	19.2	98	96	60-140	2	
2-Chlorotoluene	ug/L	ND	20	20	22.8	23.2	114	116	60-140	2	
4-Chlorotoluene	ug/L	ND	20	20	22.5	23.1	112	116	60-140	3	
Benzene	ug/L	ND	20	20	18.5	18.5	93	92	60-140	0	
Bromobenzene	ug/L	ND	20	20	23.5	24.0	117	120	60-140	2	
Bromochloromethane	ug/L	ND	20	20	17.8	18.1	89	91	60-140	2	
Bromodichloromethane	ug/L	ND	20	20	20.7	21.0	104	105	60-140	1	
Bromoform	ug/L	ND	20	20	24.0	23.9	120	119	60-140	0	
Bromomethane	ug/L	ND	20	20	9.2	8.8	46	44	60-140	4	M1
Carbon tetrachloride	ug/L	ND	20	20	19.9	20.4	99	102	60-140	3	
Chlorobenzene	ug/L	ND	20	20	22.2	22.2	111	111	60-140	0	
Chloroethane	ug/L	ND	20	20	8.8	8.3	44	42	60-140	5	M1
Chloroform	ug/L	ND	20	20	19.1	18.8	93	92	60-140	2	
Chloromethane	ug/L	ND	20	20	3.4	3.1	17	15	60-140	11	M1
cis-1,2-Dichloroethene	ug/L	ND	20	20	17.8	17.8	89	89	60-140	0	
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.8	21.5	104	107	60-140	3	
Dibromochloromethane	ug/L	ND	20	20	23.5	23.6	117	118	60-140	1	
Dibromomethane	ug/L	ND	20	20	21.4	21.4	107	107	60-140	0	
Dichlorodifluoromethane	ug/L	ND	20	20	ND	ND	1	1	60-140		M1
Diisopropyl ether	ug/L	ND	20	20	17.0	17.3	85	86	60-140	2	
Ethylbenzene	ug/L	ND	20	20	22.6	22.5	113	112	60-140	1	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	26.8	27.8	134	139	60-140	4	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	23.0	22.9	115	114	60-140	1	
m&p-Xylene	ug/L	ND	40	40	44.3	44.2	111	111	60-140	0	
Methyl-tert-butyl ether	ug/L	ND	20	20	17.7	17.2	88	86	60-140	3	
Methylene Chloride	ug/L	ND	20	20	15.9	15.7	79	78	60-140	1	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517235

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3134889 3134890

Parameter	Units	92517234001 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	24.2	25.0	121	125	60-140	3	
n-Propylbenzene	ug/L	ND	20	20	23.2	23.7	116	118	60-140	2	
Naphthalene	ug/L	ND	20	20	24.3	23.6	122	118	60-140	3	
o-Xylene	ug/L	ND	20	20	22.6	22.3	113	112	60-140	1	
sec-Butylbenzene	ug/L	ND	20	20	23.8	24.6	119	123	60-140	3	
Styrene	ug/L	ND	20	20	22.4	21.7	112	108	60-140	3	
tert-Butylbenzene	ug/L	ND	20	20	20.3	20.8	101	104	60-140	3	
Tetrachloroethene	ug/L	ND	20	20	22.5	23.4	113	117	60-140	4	
Toluene	ug/L	ND	20	20	20.5	20.5	102	103	60-140	0	
trans-1,2-Dichloroethene	ug/L	ND	20	20	16.4	16.6	82	83	60-140	1	
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.7	20.9	104	104	60-140	1	
Trichloroethene	ug/L	ND	20	20	20.3	21.3	102	107	60-140	5	
Trichlorofluoromethane	ug/L	ND	20	20	10.8	10.6	54	53	60-140	2	M1
Vinyl chloride	ug/L	ND	20	20	3.6	3.5	18	17	60-140	2	M1
1,2-Dichloroethane-d4 (S)	%						97	95	70-130		
4-Bromofluorobenzene (S)	%						97	97	70-130		
Toluene-d8 (S)	%						98	98	70-130		

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517235

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.

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92517235

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92517235001	**13800_HC_RD_2021119**	MADEPV	1610366	MADEP VPH	1610366
92517235001	**13800_HC_RD_2021119**	MADEPV	1611496	MADEP VPH	1611496
92517235001	**13800_HC_RD_2021119**	EPA 3010A	593861	EPA 6010D	593877
92517235001	**13800_HC_RD_2021119**	SM 6200B	594131		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

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

LAB USE ONLY- Affix Wo

WO# : 92517235

92517235

ALL SHA

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: Andrew.Street@apexcos.com
Copy To:	Site Collection Info/Address: 13800 Huntersville Concord Rd
Customer Project Name/Number: 2020-11-2448 Incident	State: NC County/City: Huntersville Time Zone Collected: [ ]PT [ ]MT [ ]CT [ ]ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Naomi Fretz	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Naomi Fretz	Turnaround Date Required: ASAP Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

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

Container Preservative Type **

Lab Project Manager:

** 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 Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs 6200B	MADEP VPH	Lead	Lab Sample # / Comments
13800-HC-BD-20211119	GW	G	1-19-21	0835				8	X	X	X	92517235 001

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	(N)	NA
Custody Signatures Present	(Y)	N	NA
Collector Signature Present	(Y)	N	NA
Bottles Intact	(Y)	N	NA
Correct Bottles	(Y)	N	NA
Sufficient Volume	(Y)	N	NA
Samples Received on Ice	(Y)	N	NA
VOA - Headspace Acceptable	(Y)	N	NA
USDA Regulated Soils	Y	N	(NA)
Samples in Holding Time	(Y)	N	NA
Residual Chlorine Present	Y	N	(NA)
Cl Strips:			
Sample pH Acceptable	(Y)	N	NA
pH Strips: 232518AV			
Sulfide Present	Y	N	(NA)
Lead Acetate Strips:			

LAB USE ONLY:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: b. bags

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

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

Lab Tracking #: 2615452

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y (N) NA

Therm ID#: IR9ZT064

Cooler 1 Temp Upon Receipt: 4.6 oC

Cooler 1 Therm Corr. Factor: -.1 oC

Cooler 1 Corrected Temp: 4.5 oC

Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Fretz / Apex	1-19-21 1315	MD CPace HL	1-19-21 1315
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip Blank Received: Y (N) NA

HCL MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: _____ of: _____

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

January 27, 2021

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

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92517237

Dear Andrew Street:

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

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

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517237

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92517237

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92517237001	**14226_HC_RD_2021119**	MADEP VPH	BMB, DWR	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517237

Sample: 14226_HC_RD_2021119 **Lab ID: 92517237001** Collected: 01/19/21 10:30 Received: 01/19/21 13:15 Matrix: Water

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/L	100	1	01/23/21 12:09	01/23/21 12:09		
Aliphatic (C09-C12)	ND	ug/L	100	1	01/26/21 15:59	01/26/21 15:59		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	01/23/21 12:09	01/23/21 12:09	TPHC9C10A	
Total VPH	ND	ug/L	100	1	01/26/21 15:59	01/26/21 15:59	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	93.3	%	70.0-130	1	01/23/21 12:09	01/23/21 12:09	615-59-8FID	
2,5-Dibromotoluene (FID)	89.5	%	70.0-130	1	01/26/21 15:59	01/26/21 15:59	615-59-8FID	
2,5-Dibromotoluene (PID)	82.8	%	70.0-130	1	01/23/21 12:09	01/23/21 12:09	615-59-8PID	
2,5-Dibromotoluene (PID)	78.7	%	70.0-130	1	01/26/21 15:59	01/26/21 15:59	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	01/20/21 01:50	01/20/21 15:21	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		01/22/21 00:22	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		01/22/21 00:22	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		01/22/21 00:22	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		01/22/21 00:22	75-27-4	
Bromoform	ND	ug/L	0.50	1		01/22/21 00:22	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/22/21 00:22	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		01/22/21 00:22	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		01/22/21 00:22	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		01/22/21 00:22	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		01/22/21 00:22	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		01/22/21 00:22	108-90-7	
Chloroethane	ND	ug/L	1.0	1		01/22/21 00:22	75-00-3	
Chloroform	ND	ug/L	0.50	1		01/22/21 00:22	67-66-3	
Chloromethane	ND	ug/L	1.0	1		01/22/21 00:22	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		01/22/21 00:22	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		01/22/21 00:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		01/22/21 00:22	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		01/22/21 00:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		01/22/21 00:22	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		01/22/21 00:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		01/22/21 00:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		01/22/21 00:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		01/22/21 00:22	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		01/22/21 00:22	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		01/22/21 00:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		01/22/21 00:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		01/22/21 00:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		01/22/21 00:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		01/22/21 00:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		01/22/21 00:22	78-87-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517237

Sample: 14226_HC_RD_2021119 **Lab ID: 92517237001** Collected: 01/19/21 10:30 Received: 01/19/21 13:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,3-Dichloropropane	ND	ug/L	0.50	1		01/22/21 00:22	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		01/22/21 00:22	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		01/22/21 00:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		01/22/21 00:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		01/22/21 00:22	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		01/22/21 00:22	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		01/22/21 00:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		01/22/21 00:22	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		01/22/21 00:22	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		01/22/21 00:22	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		01/22/21 00:22	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		01/22/21 00:22	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		01/22/21 00:22	103-65-1	
Styrene	ND	ug/L	0.50	1		01/22/21 00:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		01/22/21 00:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		01/22/21 00:22	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		01/22/21 00:22	127-18-4	
Toluene	ND	ug/L	0.50	1		01/22/21 00:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		01/22/21 00:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		01/22/21 00:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		01/22/21 00:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		01/22/21 00:22	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		01/22/21 00:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		01/22/21 00:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		01/22/21 00:22	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		01/22/21 00:22	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		01/22/21 00:22	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		01/22/21 00:22	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		01/22/21 00:22	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		01/22/21 00:22	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		01/22/21 00:22	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130	1		01/22/21 00:22	460-00-4	
Toluene-d8 (S)	99	%	70-130	1		01/22/21 00:22	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517237

QC Batch: 1610366
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92517237001

METHOD BLANK: R3616118-3 Matrix: Water
Associated Lab Samples: 92517237001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	01/23/21 05:30	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	01/23/21 05:30	
2,5-Dibromotoluene (FID)	%	89	70.0-130	01/23/21 05:30	
2,5-Dibromotoluene (PID)	%	82.5	70.0-130	01/23/21 05:30	

LABORATORY CONTROL SAMPLE & LCSD: R3616118-1 R3616118-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1330	1320	111	110	70.0-130	0.755	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	225	218	112	109	70.0-130	3.16	25	
2,5-Dibromotoluene (FID)	%				99.2	96.1	70.0-130			
2,5-Dibromotoluene (PID)	%				93.8	90.0	70.0-130			

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517237

QC Batch: 1611496
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92517237001

METHOD BLANK: R3616425-3 Matrix: Water
Associated Lab Samples: 92517237001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C09-C12)	ug/L	ND	100	01/26/21 13:38	
Total VPH	ug/L	ND	100	01/26/21 13:38	
2,5-Dibromotoluene (FID)	%	79.9	70.0-130	01/26/21 13:38	
2,5-Dibromotoluene (PID)	%	70.7	70.0-130	01/26/21 13:38	

LABORATORY CONTROL SAMPLE & LCSD: R3616425-1 R3616425-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C09-C12)	ug/L	1400	1460	1450	104	104	70.0-130	0.687	25	
Total VPH	ug/L	2800	2870	2860	103	102	70.0-130	0.349	25	
2,5-Dibromotoluene (FID)	%				86.2	84.8	70.0-130			
2,5-Dibromotoluene (PID)	%				76.9	75.7	70.0-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517237

QC Batch: 593861
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92517237001

METHOD BLANK: 3133679 Matrix: Water
Associated Lab Samples: 92517237001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	01/20/21 11:22	

LABORATORY CONTROL SAMPLE: 3133680

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	479	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3133681 3133682

Parameter	Units	92517376001 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	495	493	98	98	75-125	1	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517237

QC Batch: 594131
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92517237001

METHOD BLANK: 3134887 Matrix: Water
Associated Lab Samples: 92517237001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,1,1-Trichloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,1,2-Trichloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,1-Dichloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,1-Dichloroethene	ug/L	ND	0.50	01/21/21 22:52	
1,1-Dichloropropene	ug/L	ND	0.50	01/21/21 22:52	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	01/21/21 22:52	
1,2,3-Trichloropropane	ug/L	ND	0.50	01/21/21 22:52	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	01/21/21 22:52	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	01/21/21 22:52	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	01/21/21 22:52	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	01/21/21 22:52	
1,2-Dichlorobenzene	ug/L	ND	0.50	01/21/21 22:52	
1,2-Dichloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,2-Dichloropropane	ug/L	ND	0.50	01/21/21 22:52	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	01/21/21 22:52	
1,3-Dichlorobenzene	ug/L	ND	0.50	01/21/21 22:52	
1,3-Dichloropropane	ug/L	ND	0.50	01/21/21 22:52	
1,4-Dichlorobenzene	ug/L	ND	0.50	01/21/21 22:52	
2,2-Dichloropropane	ug/L	ND	0.50	01/21/21 22:52	
2-Chlorotoluene	ug/L	ND	0.50	01/21/21 22:52	
4-Chlorotoluene	ug/L	ND	0.50	01/21/21 22:52	
Benzene	ug/L	ND	0.50	01/21/21 22:52	
Bromobenzene	ug/L	ND	0.50	01/21/21 22:52	
Bromochloromethane	ug/L	ND	0.50	01/21/21 22:52	
Bromodichloromethane	ug/L	ND	0.50	01/21/21 22:52	
Bromoform	ug/L	ND	0.50	01/21/21 22:52	
Bromomethane	ug/L	ND	5.0	01/21/21 22:52	
Carbon tetrachloride	ug/L	ND	0.50	01/21/21 22:52	
Chlorobenzene	ug/L	ND	0.50	01/21/21 22:52	
Chloroethane	ug/L	ND	1.0	01/21/21 22:52	
Chloroform	ug/L	ND	0.50	01/21/21 22:52	
Chloromethane	ug/L	ND	1.0	01/21/21 22:52	
cis-1,2-Dichloroethene	ug/L	ND	0.50	01/21/21 22:52	
cis-1,3-Dichloropropene	ug/L	ND	0.50	01/21/21 22:52	
Dibromochloromethane	ug/L	ND	0.50	01/21/21 22:52	
Dibromomethane	ug/L	ND	0.50	01/21/21 22:52	
Dichlorodifluoromethane	ug/L	ND	0.50	01/21/21 22:52	
Diisopropyl ether	ug/L	ND	0.50	01/21/21 22:52	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517237

METHOD BLANK: 3134887 Matrix: Water
Associated Lab Samples: 92517237001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	01/21/21 22:52	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	01/21/21 22:52	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	01/21/21 22:52	
m&p-Xylene	ug/L	ND	1.0	01/21/21 22:52	
Methyl-tert-butyl ether	ug/L	ND	0.50	01/21/21 22:52	
Methylene Chloride	ug/L	ND	2.0	01/21/21 22:52	
n-Butylbenzene	ug/L	ND	0.50	01/21/21 22:52	
n-Propylbenzene	ug/L	ND	0.50	01/21/21 22:52	
Naphthalene	ug/L	ND	2.0	01/21/21 22:52	
o-Xylene	ug/L	ND	0.50	01/21/21 22:52	
sec-Butylbenzene	ug/L	ND	0.50	01/21/21 22:52	
Styrene	ug/L	ND	0.50	01/21/21 22:52	
tert-Butylbenzene	ug/L	ND	0.50	01/21/21 22:52	
Tetrachloroethene	ug/L	ND	0.50	01/21/21 22:52	
Toluene	ug/L	ND	0.50	01/21/21 22:52	
trans-1,2-Dichloroethene	ug/L	ND	0.50	01/21/21 22:52	
trans-1,3-Dichloropropene	ug/L	ND	0.50	01/21/21 22:52	
Trichloroethene	ug/L	ND	0.50	01/21/21 22:52	
Trichlorofluoromethane	ug/L	ND	1.0	01/21/21 22:52	
Vinyl chloride	ug/L	ND	1.0	01/21/21 22:52	
1,2-Dichloroethane-d4 (S)	%	99	70-130	01/21/21 22:52	
4-Bromofluorobenzene (S)	%	95	70-130	01/21/21 22:52	
Toluene-d8 (S)	%	98	70-130	01/21/21 22:52	

LABORATORY CONTROL SAMPLE: 3134888

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	56.5	113	60-140	
1,1,1-Trichloroethane	ug/L	50	48.0	96	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	53.6	107	60-140	
1,1,2-Trichloroethane	ug/L	50	50.9	102	60-140	
1,1-Dichloroethane	ug/L	50	45.0	90	60-140	
1,1-Dichloroethene	ug/L	50	44.7	89	60-140	
1,1-Dichloropropene	ug/L	50	45.3	91	60-140	
1,2,3-Trichlorobenzene	ug/L	50	56.5	113	60-140	
1,2,3-Trichloropropane	ug/L	50	52.2	104	60-140	
1,2,4-Trichlorobenzene	ug/L	50	55.7	111	60-140	
1,2,4-Trimethylbenzene	ug/L	50	54.9	110	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	56.3	113	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	56.1	112	60-140	
1,2-Dichlorobenzene	ug/L	50	57.3	115	60-140	
1,2-Dichloroethane	ug/L	50	46.8	94	60-140	
1,2-Dichloropropane	ug/L	50	50.6	101	60-140	
1,3,5-Trimethylbenzene	ug/L	50	55.2	110	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517237

LABORATORY CONTROL SAMPLE: 3134888

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	56.8	114	60-140	
1,3-Dichloropropane	ug/L	50	52.4	105	60-140	
1,4-Dichlorobenzene	ug/L	50	56.7	113	60-140	
2,2-Dichloropropane	ug/L	50	47.2	94	60-140	
2-Chlorotoluene	ug/L	50	55.7	111	60-140	
4-Chlorotoluene	ug/L	50	55.0	110	60-140	
Benzene	ug/L	50	48.7	97	60-140	
Bromobenzene	ug/L	50	56.7	113	60-140	
Bromochloromethane	ug/L	50	46.8	94	60-140	
Bromodichloromethane	ug/L	50	51.9	104	60-140	
Bromoform	ug/L	50	59.6	119	60-140	
Bromomethane	ug/L	50	41.6	83	60-140	
Carbon tetrachloride	ug/L	50	49.7	99	60-140	
Chlorobenzene	ug/L	50	54.1	108	60-140	
Chloroethane	ug/L	50	37.6	75	60-140	
Chloroform	ug/L	50	45.1	90	60-140	
Chloromethane	ug/L	50	36.7	73	60-140	
cis-1,2-Dichloroethene	ug/L	50	45.5	91	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.7	105	60-140	
Dibromochloromethane	ug/L	50	59.7	119	60-140	
Dibromomethane	ug/L	50	53.9	108	60-140	
Dichlorodifluoromethane	ug/L	50	35.8	72	60-140	
Diisopropyl ether	ug/L	50	42.6	85	60-140	
Ethylbenzene	ug/L	50	53.5	107	60-140	
Hexachloro-1,3-butadiene	ug/L	50	54.7	109	60-140	
Isopropylbenzene (Cumene)	ug/L	50	53.7	107	60-140	
m&p-Xylene	ug/L	100	106	106	60-140	
Methyl-tert-butyl ether	ug/L	50	45.0	90	60-140	
Methylene Chloride	ug/L	50	45.5	91	60-140	
n-Butylbenzene	ug/L	50	54.9	110	60-140	
n-Propylbenzene	ug/L	50	53.7	107	60-140	
Naphthalene	ug/L	50	58.1	116	60-140	
o-Xylene	ug/L	50	54.2	108	60-140	
sec-Butylbenzene	ug/L	50	54.1	108	60-140	
Styrene	ug/L	50	55.2	110	60-140	
tert-Butylbenzene	ug/L	50	46.2	92	60-140	
Tetrachloroethene	ug/L	50	52.9	106	60-140	
Toluene	ug/L	50	49.1	98	60-140	
trans-1,2-Dichloroethene	ug/L	50	45.7	91	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.6	107	60-140	
Trichloroethene	ug/L	50	51.7	103	60-140	
Trichlorofluoromethane	ug/L	50	38.9	78	60-140	
Vinyl chloride	ug/L	50	36.3	73	60-140	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517237

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3134889 3134890

Parameter	Units	92517234001 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	23.3	23.5	117	117	60-140	1	
1,1,1-Trichloroethane	ug/L	ND	20	20	19.2	19.4	96	97	60-140	1	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	22.1	21.4	110	107	60-140	3	
1,1,2-Trichloroethane	ug/L	ND	20	20	21.0	21.0	105	105	60-140	0	
1,1-Dichloroethane	ug/L	ND	20	20	17.7	16.9	88	85	60-140	4	
1,1-Dichloroethene	ug/L	ND	20	20	13.8	13.4	69	67	60-140	2	
1,1-Dichloropropene	ug/L	ND	20	20	18.3	18.1	91	91	60-140	1	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	24.5	24.3	123	122	60-140	1	
1,2,3-Trichloropropane	ug/L	ND	20	20	22.3	21.9	111	109	60-140	2	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	24.1	24.2	120	121	60-140	1	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	22.6	23.1	113	116	60-140	2	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	24.3	24.6	122	123	60-140	1	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	21.5	22.4	107	112	60-140	4	
1,2-Dichlorobenzene	ug/L	ND	20	20	23.2	23.4	116	117	60-140	1	
1,2-Dichloroethane	ug/L	ND	20	20	18.8	19.0	94	95	60-140	1	
1,2-Dichloropropane	ug/L	ND	20	20	19.8	20.2	99	101	60-140	2	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	23.1	23.7	115	119	60-140	3	
1,3-Dichlorobenzene	ug/L	ND	20	20	22.9	23.6	114	118	60-140	3	
1,3-Dichloropropane	ug/L	ND	20	20	22.1	21.0	111	105	60-140	5	
1,4-Dichlorobenzene	ug/L	ND	20	20	22.5	22.6	113	113	60-140	0	
2,2-Dichloropropane	ug/L	ND	20	20	19.6	19.2	98	96	60-140	2	
2-Chlorotoluene	ug/L	ND	20	20	22.8	23.2	114	116	60-140	2	
4-Chlorotoluene	ug/L	ND	20	20	22.5	23.1	112	116	60-140	3	
Benzene	ug/L	ND	20	20	18.5	18.5	93	92	60-140	0	
Bromobenzene	ug/L	ND	20	20	23.5	24.0	117	120	60-140	2	
Bromochloromethane	ug/L	ND	20	20	17.8	18.1	89	91	60-140	2	
Bromodichloromethane	ug/L	ND	20	20	20.7	21.0	104	105	60-140	1	
Bromoform	ug/L	ND	20	20	24.0	23.9	120	119	60-140	0	
Bromomethane	ug/L	ND	20	20	9.2	8.8	46	44	60-140	4	M1
Carbon tetrachloride	ug/L	ND	20	20	19.9	20.4	99	102	60-140	3	
Chlorobenzene	ug/L	ND	20	20	22.2	22.2	111	111	60-140	0	
Chloroethane	ug/L	ND	20	20	8.8	8.3	44	42	60-140	5	M1
Chloroform	ug/L	ND	20	20	19.1	18.8	93	92	60-140	2	
Chloromethane	ug/L	ND	20	20	3.4	3.1	17	15	60-140	11	M1
cis-1,2-Dichloroethene	ug/L	ND	20	20	17.8	17.8	89	89	60-140	0	
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.8	21.5	104	107	60-140	3	
Dibromochloromethane	ug/L	ND	20	20	23.5	23.6	117	118	60-140	1	
Dibromomethane	ug/L	ND	20	20	21.4	21.4	107	107	60-140	0	
Dichlorodifluoromethane	ug/L	ND	20	20	ND	ND	1	1	60-140		M1
Diisopropyl ether	ug/L	ND	20	20	17.0	17.3	85	86	60-140	2	
Ethylbenzene	ug/L	ND	20	20	22.6	22.5	113	112	60-140	1	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	26.8	27.8	134	139	60-140	4	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	23.0	22.9	115	114	60-140	1	
m&p-Xylene	ug/L	ND	40	40	44.3	44.2	111	111	60-140	0	
Methyl-tert-butyl ether	ug/L	ND	20	20	17.7	17.2	88	86	60-140	3	
Methylene Chloride	ug/L	ND	20	20	15.9	15.7	79	78	60-140	1	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517237

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3134889 3134890

Parameter	Units	92517234001 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	24.2	25.0	121	125	60-140	3	
n-Propylbenzene	ug/L	ND	20	20	23.2	23.7	116	118	60-140	2	
Naphthalene	ug/L	ND	20	20	24.3	23.6	122	118	60-140	3	
o-Xylene	ug/L	ND	20	20	22.6	22.3	113	112	60-140	1	
sec-Butylbenzene	ug/L	ND	20	20	23.8	24.6	119	123	60-140	3	
Styrene	ug/L	ND	20	20	22.4	21.7	112	108	60-140	3	
tert-Butylbenzene	ug/L	ND	20	20	20.3	20.8	101	104	60-140	3	
Tetrachloroethene	ug/L	ND	20	20	22.5	23.4	113	117	60-140	4	
Toluene	ug/L	ND	20	20	20.5	20.5	102	103	60-140	0	
trans-1,2-Dichloroethene	ug/L	ND	20	20	16.4	16.6	82	83	60-140	1	
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.7	20.9	104	104	60-140	1	
Trichloroethene	ug/L	ND	20	20	20.3	21.3	102	107	60-140	5	
Trichlorofluoromethane	ug/L	ND	20	20	10.8	10.6	54	53	60-140	2	M1
Vinyl chloride	ug/L	ND	20	20	3.6	3.5	18	17	60-140	2	M1
1,2-Dichloroethane-d4 (S)	%						97	95	70-130		
4-Bromofluorobenzene (S)	%						97	97	70-130		
Toluene-d8 (S)	%						98	98	70-130		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517237

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92517237

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92517237001	**14226_HC_RD_2021119**	MADEPV	1610366	MADEP VPH	1610366
92517237001	**14226_HC_RD_2021119**	MADEPV	1611496	MADEP VPH	1611496
92517237001	**14226_HC_RD_2021119**	EPA 3010A	593861	EPA 6010D	593877
92517237001	**14226_HC_RD_2021119**	SM 6200B	594131		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

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

LAB USE ONLY

WO# : 92517237

92517237

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: Andrew.Street@apexcos.com
Copy To:	Site Collection Info/Address: 14226 Huntersville Concord Rd
Customer Project Name/Number: 2020-11-2448 Incident	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Naomi Fretz	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Naomi Fretz	Turnaround Date Required: ASAP Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOCs 6200B	MADEP VPH	Lead	Analyses	Lab Profile/Line:
14226.NC.RD.20211119	GW	G	1-19-21	1030				8	X	X	X		001

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y (N) NA
Custody Signatures Present	(Y) N NA
Collector Signature Present	(Y) N NA
Bottles Intact	(Y) N NA
Correct Bottles	(Y) N NA
Sufficient Volume	(Y) N NA
Samples Received on Ice	(Y) N NA
VOA - Headspace Acceptable	(Y) N NA
USDA Regulated Soils	Y N (NA)
Samples in Holding Time	(Y) N NA
Residual Chlorine Present	Y N (NA)
Cl Strips:	
Sample pH Acceptable	(Y) N NA
pH Strips: 232518AV	
Sulfide Present	Y N (NA)
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:
92517237

Customer Remarks / Special Conditions / Possible Hazards:	Type of Ice Used: (Wet) Blue Dry None	SHORT HOLDS PRESENT (<72 hours): Y (N) N/A
	Packing Material Used: b. bags	Lab Tracking #: 2615453
	Radchem sample(s) screened (<500 cpm): Y N (NA)	Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: IR92TOG4
Cooler 1 Temp Upon Receipt: 4.6 oC
Cooler 1 Therm Corr. Factor: -.1 oC
Cooler 1 Corrected Temp: 4.5 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Fretz / Apex	1-19-21 1315	MD GBa HL	1-19-21 1315
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y (N) NA
HCL MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: of:

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

January 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.: 92517242

Dear Andrew Street:

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

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

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517242

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92517242

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92517242001	**13926B_HC_RD_2021119**	MADEP VPH	DWR	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517242

Sample: 13926B_HC_RD_2021119 **Lab ID: 92517242001** Collected: 01/19/21 11:35 Received: 01/19/21 13:15 Matrix: Water

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/L	100	1	01/23/21 13:15	01/23/21 13:15		
Aliphatic (C09-C12)	ND	ug/L	100	1	01/23/21 13:15	01/23/21 13:15		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	01/23/21 13:15	01/23/21 13:15	TPHC9C10A	
Total VPH	ND	ug/L	100	1	01/23/21 13:15	01/23/21 13:15	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	89.5	%	70.0-130	1	01/23/21 13:15	01/23/21 13:15	615-59-8FID	
2,5-Dibromotoluene (PID)	80.3	%	70.0-130	1	01/23/21 13:15	01/23/21 13:15	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	01/20/21 01:50	01/20/21 15:24	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		01/22/21 00:40	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		01/22/21 00:40	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		01/22/21 00:40	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		01/22/21 00:40	75-27-4	
Bromoform	ND	ug/L	0.50	1		01/22/21 00:40	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/22/21 00:40	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		01/22/21 00:40	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		01/22/21 00:40	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		01/22/21 00:40	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		01/22/21 00:40	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		01/22/21 00:40	108-90-7	
Chloroethane	ND	ug/L	1.0	1		01/22/21 00:40	75-00-3	
Chloroform	**8.8**	ug/L	0.50	1		01/22/21 00:40	67-66-3	
Chloromethane	ND	ug/L	1.0	1		01/22/21 00:40	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		01/22/21 00:40	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		01/22/21 00:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		01/22/21 00:40	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		01/22/21 00:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		01/22/21 00:40	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		01/22/21 00:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		01/22/21 00:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		01/22/21 00:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		01/22/21 00:40	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		01/22/21 00:40	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		01/22/21 00:40	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		01/22/21 00:40	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		01/22/21 00:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		01/22/21 00:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		01/22/21 00:40	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		01/22/21 00:40	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		01/22/21 00:40	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		01/22/21 00:40	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517242

Sample: 13926B_HC_RD_2021119 **Lab ID: 92517242001** Collected: 01/19/21 11:35 Received: 01/19/21 13:15 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		01/22/21 00:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		01/22/21 00:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		01/22/21 00:40	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		01/22/21 00:40	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		01/22/21 00:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		01/22/21 00:40	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		01/22/21 00:40	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		01/22/21 00:40	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		01/22/21 00:40	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		01/22/21 00:40	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		01/22/21 00:40	103-65-1	
Styrene	ND	ug/L	0.50	1		01/22/21 00:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		01/22/21 00:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		01/22/21 00:40	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		01/22/21 00:40	127-18-4	
Toluene	ND	ug/L	0.50	1		01/22/21 00:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		01/22/21 00:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		01/22/21 00:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		01/22/21 00:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		01/22/21 00:40	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		01/22/21 00:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		01/22/21 00:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		01/22/21 00:40	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		01/22/21 00:40	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		01/22/21 00:40	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		01/22/21 00:40	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		01/22/21 00:40	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		01/22/21 00:40	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		01/22/21 00:40	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130	1		01/22/21 00:40	460-00-4	
Toluene-d8 (S)	99	%	70-130	1		01/22/21 00:40	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517242

QC Batch: 1610366
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92517242001

METHOD BLANK: R3616118-3 Matrix: Water
Associated Lab Samples: 92517242001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	01/23/21 05:30	
Aliphatic (C09-C12)	ug/L	ND	100	01/23/21 05:30	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	01/23/21 05:30	
Total VPH	ug/L	ND	100	01/23/21 05:30	
2,5-Dibromotoluene (FID)	%	89	70.0-130	01/23/21 05:30	
2,5-Dibromotoluene (PID)	%	82.5	70.0-130	01/23/21 05:30	

LABORATORY CONTROL SAMPLE & LCSD: R3616118-1 R3616118-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1330	1320	111	110	70.0-130	0.755	25	
Aliphatic (C09-C12)	ug/L	1400	1730	1700	124	121	70.0-130	1.75	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	225	218	112	109	70.0-130	3.16	25	
Total VPH	ug/L	2800	3290	3240	118	116	70.0-130	1.53	25	
2,5-Dibromotoluene (FID)	%				99.2	96.1	70.0-130			
2,5-Dibromotoluene (PID)	%				93.8	90.0	70.0-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517242

QC Batch: 593861
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92517242001

METHOD BLANK: 3133679 Matrix: Water
Associated Lab Samples: 92517242001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	01/20/21 11:22	

LABORATORY CONTROL SAMPLE: 3133680

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	479	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3133681 3133682

Parameter	Units	92517376001 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	495	493	98	98	75-125	1	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517242

QC Batch: 594131
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92517242001

METHOD BLANK: 3134887 Matrix: Water
Associated Lab Samples: 92517242001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,1,1-Trichloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,1,2-Trichloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,1-Dichloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,1-Dichloroethene	ug/L	ND	0.50	01/21/21 22:52	
1,1-Dichloropropene	ug/L	ND	0.50	01/21/21 22:52	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	01/21/21 22:52	
1,2,3-Trichloropropane	ug/L	ND	0.50	01/21/21 22:52	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	01/21/21 22:52	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	01/21/21 22:52	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	01/21/21 22:52	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	01/21/21 22:52	
1,2-Dichlorobenzene	ug/L	ND	0.50	01/21/21 22:52	
1,2-Dichloroethane	ug/L	ND	0.50	01/21/21 22:52	
1,2-Dichloropropane	ug/L	ND	0.50	01/21/21 22:52	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	01/21/21 22:52	
1,3-Dichlorobenzene	ug/L	ND	0.50	01/21/21 22:52	
1,3-Dichloropropane	ug/L	ND	0.50	01/21/21 22:52	
1,4-Dichlorobenzene	ug/L	ND	0.50	01/21/21 22:52	
2,2-Dichloropropane	ug/L	ND	0.50	01/21/21 22:52	
2-Chlorotoluene	ug/L	ND	0.50	01/21/21 22:52	
4-Chlorotoluene	ug/L	ND	0.50	01/21/21 22:52	
Benzene	ug/L	ND	0.50	01/21/21 22:52	
Bromobenzene	ug/L	ND	0.50	01/21/21 22:52	
Bromochloromethane	ug/L	ND	0.50	01/21/21 22:52	
Bromodichloromethane	ug/L	ND	0.50	01/21/21 22:52	
Bromoform	ug/L	ND	0.50	01/21/21 22:52	
Bromomethane	ug/L	ND	5.0	01/21/21 22:52	
Carbon tetrachloride	ug/L	ND	0.50	01/21/21 22:52	
Chlorobenzene	ug/L	ND	0.50	01/21/21 22:52	
Chloroethane	ug/L	ND	1.0	01/21/21 22:52	
Chloroform	ug/L	ND	0.50	01/21/21 22:52	
Chloromethane	ug/L	ND	1.0	01/21/21 22:52	
cis-1,2-Dichloroethene	ug/L	ND	0.50	01/21/21 22:52	
cis-1,3-Dichloropropene	ug/L	ND	0.50	01/21/21 22:52	
Dibromochloromethane	ug/L	ND	0.50	01/21/21 22:52	
Dibromomethane	ug/L	ND	0.50	01/21/21 22:52	
Dichlorodifluoromethane	ug/L	ND	0.50	01/21/21 22:52	
Diisopropyl ether	ug/L	ND	0.50	01/21/21 22:52	

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517242

METHOD BLANK: 3134887 Matrix: Water
Associated Lab Samples: 92517242001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	01/21/21 22:52	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	01/21/21 22:52	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	01/21/21 22:52	
m&p-Xylene	ug/L	ND	1.0	01/21/21 22:52	
Methyl-tert-butyl ether	ug/L	ND	0.50	01/21/21 22:52	
Methylene Chloride	ug/L	ND	2.0	01/21/21 22:52	
n-Butylbenzene	ug/L	ND	0.50	01/21/21 22:52	
n-Propylbenzene	ug/L	ND	0.50	01/21/21 22:52	
Naphthalene	ug/L	ND	2.0	01/21/21 22:52	
o-Xylene	ug/L	ND	0.50	01/21/21 22:52	
sec-Butylbenzene	ug/L	ND	0.50	01/21/21 22:52	
Styrene	ug/L	ND	0.50	01/21/21 22:52	
tert-Butylbenzene	ug/L	ND	0.50	01/21/21 22:52	
Tetrachloroethene	ug/L	ND	0.50	01/21/21 22:52	
Toluene	ug/L	ND	0.50	01/21/21 22:52	
trans-1,2-Dichloroethene	ug/L	ND	0.50	01/21/21 22:52	
trans-1,3-Dichloropropene	ug/L	ND	0.50	01/21/21 22:52	
Trichloroethene	ug/L	ND	0.50	01/21/21 22:52	
Trichlorofluoromethane	ug/L	ND	1.0	01/21/21 22:52	
Vinyl chloride	ug/L	ND	1.0	01/21/21 22:52	
1,2-Dichloroethane-d4 (S)	%	99	70-130	01/21/21 22:52	
4-Bromofluorobenzene (S)	%	95	70-130	01/21/21 22:52	
Toluene-d8 (S)	%	98	70-130	01/21/21 22:52	

LABORATORY CONTROL SAMPLE: 3134888

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	56.5	113	60-140	
1,1,1-Trichloroethane	ug/L	50	48.0	96	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	53.6	107	60-140	
1,1,2-Trichloroethane	ug/L	50	50.9	102	60-140	
1,1-Dichloroethane	ug/L	50	45.0	90	60-140	
1,1-Dichloroethene	ug/L	50	44.7	89	60-140	
1,1-Dichloropropene	ug/L	50	45.3	91	60-140	
1,2,3-Trichlorobenzene	ug/L	50	56.5	113	60-140	
1,2,3-Trichloropropane	ug/L	50	52.2	104	60-140	
1,2,4-Trichlorobenzene	ug/L	50	55.7	111	60-140	
1,2,4-Trimethylbenzene	ug/L	50	54.9	110	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	56.3	113	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	56.1	112	60-140	
1,2-Dichlorobenzene	ug/L	50	57.3	115	60-140	
1,2-Dichloroethane	ug/L	50	46.8	94	60-140	
1,2-Dichloropropane	ug/L	50	50.6	101	60-140	
1,3,5-Trimethylbenzene	ug/L	50	55.2	110	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.: 92517242

LABORATORY CONTROL SAMPLE: 3134888

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	56.8	114	60-140	
1,3-Dichloropropane	ug/L	50	52.4	105	60-140	
1,4-Dichlorobenzene	ug/L	50	56.7	113	60-140	
2,2-Dichloropropane	ug/L	50	47.2	94	60-140	
2-Chlorotoluene	ug/L	50	55.7	111	60-140	
4-Chlorotoluene	ug/L	50	55.0	110	60-140	
Benzene	ug/L	50	48.7	97	60-140	
Bromobenzene	ug/L	50	56.7	113	60-140	
Bromochloromethane	ug/L	50	46.8	94	60-140	
Bromodichloromethane	ug/L	50	51.9	104	60-140	
Bromoform	ug/L	50	59.6	119	60-140	
Bromomethane	ug/L	50	41.6	83	60-140	
Carbon tetrachloride	ug/L	50	49.7	99	60-140	
Chlorobenzene	ug/L	50	54.1	108	60-140	
Chloroethane	ug/L	50	37.6	75	60-140	
Chloroform	ug/L	50	45.1	90	60-140	
Chloromethane	ug/L	50	36.7	73	60-140	
cis-1,2-Dichloroethene	ug/L	50	45.5	91	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.7	105	60-140	
Dibromochloromethane	ug/L	50	59.7	119	60-140	
Dibromomethane	ug/L	50	53.9	108	60-140	
Dichlorodifluoromethane	ug/L	50	35.8	72	60-140	
Diisopropyl ether	ug/L	50	42.6	85	60-140	
Ethylbenzene	ug/L	50	53.5	107	60-140	
Hexachloro-1,3-butadiene	ug/L	50	54.7	109	60-140	
Isopropylbenzene (Cumene)	ug/L	50	53.7	107	60-140	
m&p-Xylene	ug/L	100	106	106	60-140	
Methyl-tert-butyl ether	ug/L	50	45.0	90	60-140	
Methylene Chloride	ug/L	50	45.5	91	60-140	
n-Butylbenzene	ug/L	50	54.9	110	60-140	
n-Propylbenzene	ug/L	50	53.7	107	60-140	
Naphthalene	ug/L	50	58.1	116	60-140	
o-Xylene	ug/L	50	54.2	108	60-140	
sec-Butylbenzene	ug/L	50	54.1	108	60-140	
Styrene	ug/L	50	55.2	110	60-140	
tert-Butylbenzene	ug/L	50	46.2	92	60-140	
Tetrachloroethene	ug/L	50	52.9	106	60-140	
Toluene	ug/L	50	49.1	98	60-140	
trans-1,2-Dichloroethene	ug/L	50	45.7	91	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.6	107	60-140	
Trichloroethene	ug/L	50	51.7	103	60-140	
Trichlorofluoromethane	ug/L	50	38.9	78	60-140	
Vinyl chloride	ug/L	50	36.3	73	60-140	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			100	70-130	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517242

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3134889 3134890

Parameter	Units	92517234001 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	23.3	23.5	117	117	60-140	1	
1,1,1-Trichloroethane	ug/L	ND	20	20	19.2	19.4	96	97	60-140	1	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	22.1	21.4	110	107	60-140	3	
1,1,2-Trichloroethane	ug/L	ND	20	20	21.0	21.0	105	105	60-140	0	
1,1-Dichloroethane	ug/L	ND	20	20	17.7	16.9	88	85	60-140	4	
1,1-Dichloroethene	ug/L	ND	20	20	13.8	13.4	69	67	60-140	2	
1,1-Dichloropropene	ug/L	ND	20	20	18.3	18.1	91	91	60-140	1	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	24.5	24.3	123	122	60-140	1	
1,2,3-Trichloropropane	ug/L	ND	20	20	22.3	21.9	111	109	60-140	2	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	24.1	24.2	120	121	60-140	1	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	22.6	23.1	113	116	60-140	2	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	24.3	24.6	122	123	60-140	1	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	21.5	22.4	107	112	60-140	4	
1,2-Dichlorobenzene	ug/L	ND	20	20	23.2	23.4	116	117	60-140	1	
1,2-Dichloroethane	ug/L	ND	20	20	18.8	19.0	94	95	60-140	1	
1,2-Dichloropropane	ug/L	ND	20	20	19.8	20.2	99	101	60-140	2	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	23.1	23.7	115	119	60-140	3	
1,3-Dichlorobenzene	ug/L	ND	20	20	22.9	23.6	114	118	60-140	3	
1,3-Dichloropropane	ug/L	ND	20	20	22.1	21.0	111	105	60-140	5	
1,4-Dichlorobenzene	ug/L	ND	20	20	22.5	22.6	113	113	60-140	0	
2,2-Dichloropropane	ug/L	ND	20	20	19.6	19.2	98	96	60-140	2	
2-Chlorotoluene	ug/L	ND	20	20	22.8	23.2	114	116	60-140	2	
4-Chlorotoluene	ug/L	ND	20	20	22.5	23.1	112	116	60-140	3	
Benzene	ug/L	ND	20	20	18.5	18.5	93	92	60-140	0	
Bromobenzene	ug/L	ND	20	20	23.5	24.0	117	120	60-140	2	
Bromochloromethane	ug/L	ND	20	20	17.8	18.1	89	91	60-140	2	
Bromodichloromethane	ug/L	ND	20	20	20.7	21.0	104	105	60-140	1	
Bromoform	ug/L	ND	20	20	24.0	23.9	120	119	60-140	0	
Bromomethane	ug/L	ND	20	20	9.2	8.8	46	44	60-140	4	M1
Carbon tetrachloride	ug/L	ND	20	20	19.9	20.4	99	102	60-140	3	
Chlorobenzene	ug/L	ND	20	20	22.2	22.2	111	111	60-140	0	
Chloroethane	ug/L	ND	20	20	8.8	8.3	44	42	60-140	5	M1
Chloroform	ug/L	ND	20	20	19.1	18.8	93	92	60-140	2	
Chloromethane	ug/L	ND	20	20	3.4	3.1	17	15	60-140	11	M1
cis-1,2-Dichloroethene	ug/L	ND	20	20	17.8	17.8	89	89	60-140	0	
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.8	21.5	104	107	60-140	3	
Dibromochloromethane	ug/L	ND	20	20	23.5	23.6	117	118	60-140	1	
Dibromomethane	ug/L	ND	20	20	21.4	21.4	107	107	60-140	0	
Dichlorodifluoromethane	ug/L	ND	20	20	ND	ND	1	1	60-140		M1
Diisopropyl ether	ug/L	ND	20	20	17.0	17.3	85	86	60-140	2	
Ethylbenzene	ug/L	ND	20	20	22.6	22.5	113	112	60-140	1	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	26.8	27.8	134	139	60-140	4	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	23.0	22.9	115	114	60-140	1	
m&p-Xylene	ug/L	ND	40	40	44.3	44.2	111	111	60-140	0	
Methyl-tert-butyl ether	ug/L	ND	20	20	17.7	17.2	88	86	60-140	3	
Methylene Chloride	ug/L	ND	20	20	15.9	15.7	79	78	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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92517242

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3134889 3134890

Parameter	Units	92517234001 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	24.2	25.0	121	125	60-140	3	
n-Propylbenzene	ug/L	ND	20	20	23.2	23.7	116	118	60-140	2	
Naphthalene	ug/L	ND	20	20	24.3	23.6	122	118	60-140	3	
o-Xylene	ug/L	ND	20	20	22.6	22.3	113	112	60-140	1	
sec-Butylbenzene	ug/L	ND	20	20	23.8	24.6	119	123	60-140	3	
Styrene	ug/L	ND	20	20	22.4	21.7	112	108	60-140	3	
tert-Butylbenzene	ug/L	ND	20	20	20.3	20.8	101	104	60-140	3	
Tetrachloroethene	ug/L	ND	20	20	22.5	23.4	113	117	60-140	4	
Toluene	ug/L	ND	20	20	20.5	20.5	102	103	60-140	0	
trans-1,2-Dichloroethene	ug/L	ND	20	20	16.4	16.6	82	83	60-140	1	
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.7	20.9	104	104	60-140	1	
Trichloroethene	ug/L	ND	20	20	20.3	21.3	102	107	60-140	5	
Trichlorofluoromethane	ug/L	ND	20	20	10.8	10.6	54	53	60-140	2	M1
Vinyl chloride	ug/L	ND	20	20	3.6	3.5	18	17	60-140	2	M1
1,2-Dichloroethane-d4 (S)	%						97	95	70-130		
4-Bromofluorobenzene (S)	%						97	97	70-130		
Toluene-d8 (S)	%						98	98	70-130		

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92517242

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92517242

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92517242001	**13926B_HC_RD_2021119**	MADEPV	1610366	MADEP VPH	1610366
92517242001	**13926B_HC_RD_2021119**	EPA 3010A	593861	EPA 6010D	593877
92517242001	**13926B_HC_RD_2021119**	SM 6200B	594131		

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ... nber or

WO# : 92517242

92517242

Company: Apex Companies
Address:
Billing Information:

Report To: Andrew Street
Email To: Andrew.Street@apexcos.com
Copy To:
Site Collection Info/Address: 13926B Huntersville Concord Rd
Customer Project Name/Number: 2020-4-2448 Incident
State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone:
Email:
Site/Facility ID #:
Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Naomi Fretz
Purchase Order #:
Quote #:
DW PWS ID #:
DW Location Code:
Collected By (signature): Naomi Fretz
Turnaround Date Required: ASAP
Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: ______ [ ] Hold: ______
Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis: ______

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 ______

Lab Project Manager:

* 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	Collected Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOCs 6200B	MADEP VPH	Lead	Lab Sample # / Comments
13926B-HCRD-20210119	GW	G	1-19-21	1135				8	X	X	X	92517242 001

Lab Profile/Line:
Lab Sample Receipt Checklist:
- Custody Seals Present/Intact Y (N) NA
- Custody Signatures Present (Y) N NA
- Collector Signature Present (Y) N NA
- Bottles Intact (Y) N NA
- Correct Bottles (Y) N NA
- Sufficient Volume (Y) N NA
- Samples Received on Ice (Y) N NA
- VOA - Headspace Acceptable (Y) N NA
- USDA Regulated Soils Y N (NA)
- Samples in Holding Time (Y) N NA
- Residual Chlorine Present Y N (NA)
- Cl Strips: ______
- Sample pH Acceptable (Y) N NA
- pH Strips: 232518AV
- Sulfide Present Y N (NA)
- Lead Acetate Strips: ______

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None
Packing Material Used: b. bags
Radchem sample(s) screened (<500 cpm): Y N (NA)
SHORT HOLDS PRESENT (<72 hours): Y (N) N/A
Lab Tracking #: 2529456
Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: IR92T064
Cooler 1 Temp Upon Receipt: 4.6 oC
Cooler 1 Therm Corr. Factor: -.1 oC
Cooler 1 Corrected Temp: 4.5 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Fretz / Apex	1-19-21 1315	MD LeRoe HVL	1-19-21 13:15

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y (N) NA
HCL MeOH TSP Other

Non Conformance(s): YES / (NO)
Page: ______ of: ______

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

February 02, 2021

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

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92518564

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on January 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 National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92518564

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92518564

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92518564001	**DUP-1**	MADEP VPH	ACG	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92518564002	**FB-1**	MADEP VPH	ACG	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92518564003	**Trip Blank**	SM 6200B	PM1	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92518564

Sample: DUP-1 **Lab ID: 92518564001** Collected: 01/26/21 00:00 Received: 01/26/21 14:55 Matrix: Water

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/L	100	1	01/29/21 17:05	01/29/21 17:05		
Aliphatic (C09-C12)	ND	ug/L	100	1	01/29/21 17:05	01/29/21 17:05		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	01/29/21 17:05	01/29/21 17:05	TPHC9C10A	
Total VPH	ND	ug/L	100	1	01/29/21 17:05	01/29/21 17:05	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	105	%	70.0-130	1	01/29/21 17:05	01/29/21 17:05	615-59-8FID	
2,5-Dibromotoluene (PID)	97.2	%	70.0-130	1	01/29/21 17:05	01/29/21 17:05	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	01/27/21 01:10	01/27/21 17:59	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		01/28/21 16:31	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		01/28/21 16:31	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		01/28/21 16:31	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		01/28/21 16:31	75-27-4	
Bromoform	ND	ug/L	0.50	1		01/28/21 16:31	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/28/21 16:31	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		01/28/21 16:31	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		01/28/21 16:31	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		01/28/21 16:31	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		01/28/21 16:31	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		01/28/21 16:31	108-90-7	
Chloroethane	ND	ug/L	1.0	1		01/28/21 16:31	75-00-3	
Chloroform	ND	ug/L	0.50	1		01/28/21 16:31	67-66-3	
Chloromethane	ND	ug/L	1.0	1		01/28/21 16:31	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		01/28/21 16:31	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		01/28/21 16:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		01/28/21 16:31	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		01/28/21 16:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		01/28/21 16:31	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		01/28/21 16:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		01/28/21 16:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		01/28/21 16:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		01/28/21 16:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		01/28/21 16:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		01/28/21 16:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		01/28/21 16:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		01/28/21 16:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		01/28/21 16:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		01/28/21 16:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		01/28/21 16:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		01/28/21 16:31	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		01/28/21 16:31	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92518564

Sample: DUP-1 **Lab ID: 92518564001** Collected: 01/26/21 00:00 Received: 01/26/21 14:55 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		01/28/21 16:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		01/28/21 16:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		01/28/21 16:31	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		01/28/21 16:31	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		01/28/21 16:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		01/28/21 16:31	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		01/28/21 16:31	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		01/28/21 16:31	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		01/28/21 16:31	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		01/28/21 16:31	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		01/28/21 16:31	103-65-1	
Styrene	ND	ug/L	0.50	1		01/28/21 16:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		01/28/21 16:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		01/28/21 16:31	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		01/28/21 16:31	127-18-4	
Toluene	ND	ug/L	0.50	1		01/28/21 16:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		01/28/21 16:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		01/28/21 16:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		01/28/21 16:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		01/28/21 16:31	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		01/28/21 16:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		01/28/21 16:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		01/28/21 16:31	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		01/28/21 16:31	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		01/28/21 16:31	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		01/28/21 16:31	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		01/28/21 16:31	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		01/28/21 16:31	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		01/28/21 16:31	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130	1		01/28/21 16:31	460-00-4	
Toluene-d8 (S)	101	%	70-130	1		01/28/21 16:31	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92518564

Sample: FB-1 **Lab ID: 92518564002** Collected: 01/26/21 00:00 Received: 01/26/21 14:55 Matrix: Water

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/L	100	1	01/29/21 13:46	01/29/21 13:46		
Aliphatic (C09-C12)	ND	ug/L	100	1	01/29/21 13:46	01/29/21 13:46		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	01/29/21 13:46	01/29/21 13:46	TPHC9C10A	
Total VPH	ND	ug/L	100	1	01/29/21 13:46	01/29/21 13:46	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	98.5	%	70.0-130	1	01/29/21 13:46	01/29/21 13:46	615-59-8FID	
2,5-Dibromotoluene (PID)	92.3	%	70.0-130	1	01/29/21 13:46	01/29/21 13:46	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	01/27/21 01:10	01/27/21 18:19	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		01/28/21 12:55	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		01/28/21 12:55	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		01/28/21 12:55	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		01/28/21 12:55	75-27-4	
Bromoform	ND	ug/L	0.50	1		01/28/21 12:55	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/28/21 12:55	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		01/28/21 12:55	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		01/28/21 12:55	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		01/28/21 12:55	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		01/28/21 12:55	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		01/28/21 12:55	108-90-7	
Chloroethane	ND	ug/L	1.0	1		01/28/21 12:55	75-00-3	
Chloroform	ND	ug/L	0.50	1		01/28/21 12:55	67-66-3	
Chloromethane	ND	ug/L	1.0	1		01/28/21 12:55	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		01/28/21 12:55	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		01/28/21 12:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		01/28/21 12:55	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		01/28/21 12:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		01/28/21 12:55	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		01/28/21 12:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		01/28/21 12:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		01/28/21 12:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		01/28/21 12:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		01/28/21 12:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		01/28/21 12:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		01/28/21 12:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		01/28/21 12:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		01/28/21 12:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		01/28/21 12:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		01/28/21 12:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		01/28/21 12:55	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		01/28/21 12:55	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92518564

Sample: FB-1 **Lab ID: 92518564002** Collected: 01/26/21 00:00 Received: 01/26/21 14:55 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		01/28/21 12:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		01/28/21 12:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		01/28/21 12:55	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		01/28/21 12:55	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		01/28/21 12:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		01/28/21 12:55	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		01/28/21 12:55	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		01/28/21 12:55	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		01/28/21 12:55	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		01/28/21 12:55	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		01/28/21 12:55	103-65-1	
Styrene	ND	ug/L	0.50	1		01/28/21 12:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		01/28/21 12:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		01/28/21 12:55	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		01/28/21 12:55	127-18-4	
Toluene	ND	ug/L	0.50	1		01/28/21 12:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		01/28/21 12:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		01/28/21 12:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		01/28/21 12:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		01/28/21 12:55	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		01/28/21 12:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		01/28/21 12:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		01/28/21 12:55	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		01/28/21 12:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		01/28/21 12:55	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		01/28/21 12:55	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		01/28/21 12:55	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		01/28/21 12:55	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	91	%	70-130	1		01/28/21 12:55	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130	1		01/28/21 12:55	460-00-4	
Toluene-d8 (S)	98	%	70-130	1		01/28/21 12:55	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92518564

Sample: Trip Blank **Lab ID: 92518564003** Collected: 01/26/21 00:00 Received: 01/26/21 14:55 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		01/28/21 12:37	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		01/28/21 12:37	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		01/28/21 12:37	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		01/28/21 12:37	75-27-4	
Bromoform	ND	ug/L	0.50	1		01/28/21 12:37	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/28/21 12:37	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		01/28/21 12:37	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		01/28/21 12:37	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		01/28/21 12:37	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		01/28/21 12:37	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		01/28/21 12:37	108-90-7	
Chloroethane	ND	ug/L	1.0	1		01/28/21 12:37	75-00-3	
Chloroform	ND	ug/L	0.50	1		01/28/21 12:37	67-66-3	
Chloromethane	ND	ug/L	1.0	1		01/28/21 12:37	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		01/28/21 12:37	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		01/28/21 12:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		01/28/21 12:37	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		01/28/21 12:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		01/28/21 12:37	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		01/28/21 12:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		01/28/21 12:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		01/28/21 12:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		01/28/21 12:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		01/28/21 12:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		01/28/21 12:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		01/28/21 12:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		01/28/21 12:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		01/28/21 12:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		01/28/21 12:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		01/28/21 12:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		01/28/21 12:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		01/28/21 12:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		01/28/21 12:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		01/28/21 12:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		01/28/21 12:37	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		01/28/21 12:37	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		01/28/21 12:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		01/28/21 12:37	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		01/28/21 12:37	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		01/28/21 12:37	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		01/28/21 12:37	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		01/28/21 12:37	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		01/28/21 12:37	103-65-1	
Styrene	ND	ug/L	0.50	1		01/28/21 12:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		01/28/21 12:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		01/28/21 12:37	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92518564

Sample: Trip Blank **Lab ID: 92518564003** Collected: 01/26/21 00:00 Received: 01/26/21 14:55 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		01/28/21 12:37	127-18-4	
Toluene	ND	ug/L	0.50	1		01/28/21 12:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		01/28/21 12:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		01/28/21 12:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		01/28/21 12:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		01/28/21 12:37	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		01/28/21 12:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		01/28/21 12:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		01/28/21 12:37	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		01/28/21 12:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		01/28/21 12:37	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		01/28/21 12:37	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		01/28/21 12:37	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		01/28/21 12:37	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	92	%	70-130	1		01/28/21 12:37	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130	1		01/28/21 12:37	460-00-4	
Toluene-d8 (S)	98	%	70-130	1		01/28/21 12:37	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518564

QC Batch: 1613440
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92518564001, 92518564002

METHOD BLANK: R3617909-3 Matrix: Water
Associated Lab Samples: 92518564001, 92518564002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	01/29/21 13:13	
Aliphatic (C09-C12)	ug/L	ND	100	01/29/21 13:13	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	01/29/21 13:13	
Total VPH	ug/L	ND	100	01/29/21 13:13	
2,5-Dibromotoluene (FID)	%	98.3	70.0-130	01/29/21 13:13	
2,5-Dibromotoluene (PID)	%	92	70.0-130	01/29/21 13:13	

LABORATORY CONTROL SAMPLE & LCSD: R3617909-1 R3617909-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1280	1300	107	108	70.0-130	1.55	25	
Aliphatic (C09-C12)	ug/L	1400	1420	1430	101	102	70.0-130	0.702	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	166	161	83.0	80.5	70.0-130	3.06	25	
Total VPH	ug/L	2800	2870	2890	103	103	70.0-130	0.694	25	
2,5-Dibromotoluene (FID)	%				111	105	70.0-130			
2,5-Dibromotoluene (PID)	%				104	99.0	70.0-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518564

QC Batch: 595522
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92518564001, 92518564002

METHOD BLANK: 3141193 Matrix: Water
Associated Lab Samples: 92518564001, 92518564002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	01/27/21 17:53	

LABORATORY CONTROL SAMPLE: 3141194

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	501	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3141195 3141196

Parameter	Units	92518564001 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	509	505	101	101	75-125	1	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518564

QC Batch: 596004
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92518564002, 92518564003

METHOD BLANK: 3143405 Matrix: Water
Associated Lab Samples: 92518564002, 92518564003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1,1-Trichloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1,2-Trichloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1-Dichloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1-Dichloroethene	ug/L	ND	0.50	01/28/21 12:01	
1,1-Dichloropropene	ug/L	ND	0.50	01/28/21 12:01	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	01/28/21 12:01	
1,2,3-Trichloropropane	ug/L	ND	0.50	01/28/21 12:01	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	01/28/21 12:01	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	01/28/21 12:01	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	01/28/21 12:01	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	01/28/21 12:01	
1,2-Dichlorobenzene	ug/L	ND	0.50	01/28/21 12:01	
1,2-Dichloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,2-Dichloropropane	ug/L	ND	0.50	01/28/21 12:01	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	01/28/21 12:01	
1,3-Dichlorobenzene	ug/L	ND	0.50	01/28/21 12:01	
1,3-Dichloropropane	ug/L	ND	0.50	01/28/21 12:01	
1,4-Dichlorobenzene	ug/L	ND	0.50	01/28/21 12:01	
2,2-Dichloropropane	ug/L	ND	0.50	01/28/21 12:01	
2-Chlorotoluene	ug/L	ND	0.50	01/28/21 12:01	
4-Chlorotoluene	ug/L	ND	0.50	01/28/21 12:01	
Benzene	ug/L	ND	0.50	01/28/21 12:01	
Bromobenzene	ug/L	ND	0.50	01/28/21 12:01	
Bromochloromethane	ug/L	ND	0.50	01/28/21 12:01	
Bromodichloromethane	ug/L	ND	0.50	01/28/21 12:01	
Bromoform	ug/L	ND	0.50	01/28/21 12:01	
Bromomethane	ug/L	ND	5.0	01/28/21 12:01	
Carbon tetrachloride	ug/L	ND	0.50	01/28/21 12:01	
Chlorobenzene	ug/L	ND	0.50	01/28/21 12:01	
Chloroethane	ug/L	ND	1.0	01/28/21 12:01	
Chloroform	ug/L	ND	0.50	01/28/21 12:01	
Chloromethane	ug/L	ND	1.0	01/28/21 12:01	
cis-1,2-Dichloroethene	ug/L	ND	0.50	01/28/21 12:01	
cis-1,3-Dichloropropene	ug/L	ND	0.50	01/28/21 12:01	
Dibromochloromethane	ug/L	ND	0.50	01/28/21 12:01	
Dibromomethane	ug/L	ND	0.50	01/28/21 12:01	
Dichlorodifluoromethane	ug/L	ND	0.50	01/28/21 12:01	
Diisopropyl ether	ug/L	ND	0.50	01/28/21 12:01	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518564

METHOD BLANK: 3143405 Matrix: Water
Associated Lab Samples: 92518564002, 92518564003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	01/28/21 12:01	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	01/28/21 12:01	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	01/28/21 12:01	
m&p-Xylene	ug/L	ND	1.0	01/28/21 12:01	
Methyl-tert-butyl ether	ug/L	ND	0.50	01/28/21 12:01	
Methylene Chloride	ug/L	ND	2.0	01/28/21 12:01	
n-Butylbenzene	ug/L	ND	0.50	01/28/21 12:01	
n-Propylbenzene	ug/L	ND	0.50	01/28/21 12:01	
Naphthalene	ug/L	ND	2.0	01/28/21 12:01	
o-Xylene	ug/L	ND	0.50	01/28/21 12:01	
sec-Butylbenzene	ug/L	ND	0.50	01/28/21 12:01	
Styrene	ug/L	ND	0.50	01/28/21 12:01	
tert-Butylbenzene	ug/L	ND	0.50	01/28/21 12:01	
Tetrachloroethene	ug/L	ND	0.50	01/28/21 12:01	
Toluene	ug/L	ND	0.50	01/28/21 12:01	
trans-1,2-Dichloroethene	ug/L	ND	0.50	01/28/21 12:01	
trans-1,3-Dichloropropene	ug/L	ND	0.50	01/28/21 12:01	
Trichloroethene	ug/L	ND	0.50	01/28/21 12:01	
Trichlorofluoromethane	ug/L	ND	1.0	01/28/21 12:01	
Vinyl chloride	ug/L	ND	1.0	01/28/21 12:01	
1,2-Dichloroethane-d4 (S)	%	91	70-130	01/28/21 12:01	
4-Bromofluorobenzene (S)	%	98	70-130	01/28/21 12:01	
Toluene-d8 (S)	%	102	70-130	01/28/21 12:01	

LABORATORY CONTROL SAMPLE: 3143406

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.4	101	60-140	
1,1,1-Trichloroethane	ug/L	50	45.0	90	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.3	99	60-140	
1,1,2-Trichloroethane	ug/L	50	48.8	98	60-140	
1,1-Dichloroethane	ug/L	50	47.0	94	60-140	
1,1-Dichloroethene	ug/L	50	46.7	93	60-140	
1,1-Dichloropropene	ug/L	50	46.9	94	60-140	
1,2,3-Trichlorobenzene	ug/L	50	48.3	97	60-140	
1,2,3-Trichloropropane	ug/L	50	48.8	98	60-140	
1,2,4-Trichlorobenzene	ug/L	50	49.2	98	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.3	97	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	48.7	97	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	48.6	97	60-140	
1,2-Dichlorobenzene	ug/L	50	50.1	100	60-140	
1,2-Dichloroethane	ug/L	50	43.4	87	60-140	
1,2-Dichloropropane	ug/L	50	50.9	102	60-140	
1,3,5-Trimethylbenzene	ug/L	50	48.2	96	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518564

LABORATORY CONTROL SAMPLE: 3143406

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.2	98	60-140	
1,3-Dichloropropane	ug/L	50	48.9	98	60-140	
1,4-Dichlorobenzene	ug/L	50	48.5	97	60-140	
2,2-Dichloropropane	ug/L	50	44.7	89	60-140	
2-Chlorotoluene	ug/L	50	49.3	99	60-140	
4-Chlorotoluene	ug/L	50	48.2	96	60-140	
Benzene	ug/L	50	48.0	96	60-140	
Bromobenzene	ug/L	50	49.2	98	60-140	
Bromochloromethane	ug/L	50	46.8	94	60-140	
Bromodichloromethane	ug/L	50	45.9	92	60-140	
Bromoform	ug/L	50	50.7	101	60-140	
Bromomethane	ug/L	50	45.6	91	60-140	
Carbon tetrachloride	ug/L	50	47.5	95	60-140	
Chlorobenzene	ug/L	50	49.7	99	60-140	
Chloroethane	ug/L	50	44.4	89	60-140	
Chloroform	ug/L	50	44.8	90	60-140	
Chloromethane	ug/L	50	48.0	96	60-140	
cis-1,2-Dichloroethene	ug/L	50	46.5	93	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.3	99	60-140	
Dibromochloromethane	ug/L	50	50.7	101	60-140	
Dibromomethane	ug/L	50	49.0	98	60-140	
Dichlorodifluoromethane	ug/L	50	45.6	91	60-140	
Diisopropyl ether	ug/L	50	47.1	94	60-140	
Ethylbenzene	ug/L	50	48.3	97	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.1	96	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.1	100	60-140	
m&p-Xylene	ug/L	100	98.3	98	60-140	
Methyl-tert-butyl ether	ug/L	50	44.3	89	60-140	
Methylene Chloride	ug/L	50	43.5	87	60-140	
n-Butylbenzene	ug/L	50	49.3	99	60-140	
n-Propylbenzene	ug/L	50	47.9	96	60-140	
Naphthalene	ug/L	50	48.8	98	60-140	
o-Xylene	ug/L	50	49.4	99	60-140	
sec-Butylbenzene	ug/L	50	48.4	97	60-140	
Styrene	ug/L	50	51.0	102	60-140	
tert-Butylbenzene	ug/L	50	37.5	75	60-140	
Tetrachloroethene	ug/L	50	49.0	98	60-140	
Toluene	ug/L	50	47.8	96	60-140	
trans-1,2-Dichloroethene	ug/L	50	47.3	95	60-140	
trans-1,3-Dichloropropene	ug/L	50	49.4	99	60-140	
Trichloroethene	ug/L	50	49.0	98	60-140	
Trichlorofluoromethane	ug/L	50	41.4	83	60-140	
Vinyl chloride	ug/L	50	44.5	89	60-140	
1,2-Dichloroethane-d4 (S)	%			87	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518564

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3143407 3143408

Parameter	Units	92517052004 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	5000	5000	4450	4560	89	91	60-140	2	
1,1,1-Trichloroethane	ug/L	ND	5000	5000	4140	4150	83	83	60-140	0	
1,1,2,2-Tetrachloroethane	ug/L	ND	5000	5000	4340	4440	87	89	60-140	2	
1,1,2-Trichloroethane	ug/L	ND	5000	5000	4360	4260	87	85	60-140	2	
1,1-Dichloroethane	ug/L	ND	5000	5000	4220	4210	84	84	60-140	0	
1,1-Dichloroethene	ug/L	ND	5000	5000	4090	4140	82	83	60-140	1	
1,1-Dichloropropene	ug/L	ND	5000	5000	4280	4290	86	86	60-140	0	
1,2,3-Trichlorobenzene	ug/L	ND	5000	5000	4170	4150	83	83	60-140	1	
1,2,3-Trichloropropane	ug/L	ND	5000	5000	4250	4200	85	84	60-140	1	
1,2,4-Trichlorobenzene	ug/L	ND	5000	5000	4250	4290	85	86	60-140	1	
1,2,4-Trimethylbenzene	ug/L	2340 ppb	5000	5000	6770	6750	89	88	60-140	0	
1,2-Dibromo-3-chloropropane	ug/L	ND	5000	5000	4060	4170	81	83	60-140	2	
1,2-Dibromoethane (EDB)	ug/L	ND	5000	5000	4320	4340	86	87	60-140	0	
1,2-Dichlorobenzene	ug/L	ND	5000	5000	4510	4390	90	88	60-140	3	
1,2-Dichloroethane	ug/L	ND	5000	5000	3930	3850	79	77	60-140	2	
1,2-Dichloropropane	ug/L	ND	5000	5000	4580	4540	92	91	60-140	1	
1,3,5-Trimethylbenzene	ug/L	ND	5000	5000	5070	4990	101	100	60-140	2	
1,3-Dichlorobenzene	ug/L	ND	5000	5000	4450	4390	89	88	60-140	1	
1,3-Dichloropropane	ug/L	ND	5000	5000	4430	4490	89	90	60-140	1	
1,4-Dichlorobenzene	ug/L	ND	5000	5000	4360	4330	87	87	60-140	1	
2,2-Dichloropropane	ug/L	ND	5000	5000	3530	3460	71	69	60-140	2	
2-Chlorotoluene	ug/L	ND	5000	5000	4540	4430	91	89	60-140	2	
4-Chlorotoluene	ug/L	ND	5000	5000	4470	4320	89	86	60-140	3	
Benzene	ug/L	9100 ppb	5000	5000	13300	13900	84	96	60-140	4	
Bromobenzene	ug/L	ND	5000	5000	4350	4310	87	86	60-140	1	
Bromochloromethane	ug/L	ND	5000	5000	4340	4260	87	85	60-140	2	
Bromodichloromethane	ug/L	ND	5000	5000	4010	3990	80	80	60-140	0	
Bromoform	ug/L	ND	5000	5000	4270	4370	85	87	60-140	2	
Bromomethane	ug/L	ND	5000	5000	4030	4080	81	82	60-140	1	
Carbon tetrachloride	ug/L	ND	5000	5000	4280	4300	86	86	60-140	0	
Chlorobenzene	ug/L	ND	5000	5000	4540	4540	91	91	60-140	0	
Chloroethane	ug/L	ND	5000	5000	4100	4080	82	82	60-140	0	
Chloroform	ug/L	ND	5000	5000	4070	4060	80	80	60-140	0	
Chloromethane	ug/L	ND	5000	5000	3730	3790	75	76	60-140	1	
cis-1,2-Dichloroethene	ug/L	ND	5000	5000	4200	4200	84	84	60-140	0	
cis-1,3-Dichloropropene	ug/L	ND	5000	5000	4250	4270	85	85	60-140	1	
Dibromochloromethane	ug/L	ND	5000	5000	4330	4330	87	87	60-140	0	
Dibromomethane	ug/L	ND	5000	5000	4410	4430	88	89	60-140	1	
Dichlorodifluoromethane	ug/L	ND	5000	5000	2530	2500	51	50	60-140	1	M1
Diisopropyl ether	ug/L	ND	5000	5000	4120	4160	82	82	60-140	1	
Ethylbenzene	ug/L	3250 ppb	5000	5000	7640	7850	88	92	60-140	3	
Hexachloro-1,3-butadiene	ug/L	ND	5000	5000	4290	4290	86	86	60-140	0	
Isopropylbenzene (Cumene)	ug/L	ND	5000	5000	4640	4630	91	91	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.: 92518564

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3143407 3143408

Parameter	Units	92517052004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
m&p-Xylene	ug/L	10300 ppb	10000	10000	19100	19800	88	95	60-140	3	
Methyl-tert-butyl ether	ug/L	7530 ppb	5000	5000	11500	12000	79	89	60-140	4	
Methylene Chloride	ug/L	ND	5000	5000	3920	3880	78	78	60-140	1	
n-Butylbenzene	ug/L	ND	5000	5000	4400	4300	88	86	60-140	2	
n-Propylbenzene	ug/L	ND	5000	5000	4660	4590	93	92	60-140	2	
Naphthalene	ug/L	679 ppb	5000	5000	5070	5080	88	88	60-140	0	
o-Xylene	ug/L	4850 ppb	5000	5000	9350	9670	90	96	60-140	3	
sec-Butylbenzene	ug/L	ND	5000	5000	4470	4410	89	88	60-140	1	
Styrene	ug/L	ND	5000	5000	4810	4830	96	97	60-140	0	
tert-Butylbenzene	ug/L	ND	5000	5000	3570	3520	71	70	60-140	2	
Tetrachloroethene	ug/L	ND	5000	5000	4520	4490	90	90	60-140	1	
Toluene	ug/L	29900 ppb	5000	5000	33700	35800	77	120	60-140	6	
trans-1,2-Dichloroethene	ug/L	ND	5000	5000	4270	4170	85	83	60-140	2	
trans-1,3-Dichloropropene	ug/L	ND	5000	5000	4120	4140	82	83	60-140	1	
Trichloroethene	ug/L	ND	5000	5000	4440	4430	89	89	60-140	0	
Trichlorofluoromethane	ug/L	ND	5000	5000	3710	3650	74	73	60-140	2	
Vinyl chloride	ug/L	ND	5000	5000	3530	3470	71	69	60-140	2	
1,2-Dichloroethane-d4 (S)	%						92	92	70-130		
4-Bromofluorobenzene (S)	%						97	98	70-130		
Toluene-d8 (S)	%						98	99	70-130		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518564

QC Batch: 596007
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92518564001

METHOD BLANK: 3143418 Matrix: Water
Associated Lab Samples: 92518564001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	01/28/21 11:43	
1,1,1-Trichloroethane	ug/L	ND	0.50	01/28/21 11:43	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	01/28/21 11:43	
1,1,2-Trichloroethane	ug/L	ND	0.50	01/28/21 11:43	
1,1-Dichloroethane	ug/L	ND	0.50	01/28/21 11:43	
1,1-Dichloroethene	ug/L	ND	0.50	01/28/21 11:43	
1,1-Dichloropropene	ug/L	ND	0.50	01/28/21 11:43	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	01/28/21 11:43	
1,2,3-Trichloropropane	ug/L	ND	0.50	01/28/21 11:43	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	01/28/21 11:43	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	01/28/21 11:43	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	01/28/21 11:43	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	01/28/21 11:43	
1,2-Dichlorobenzene	ug/L	ND	0.50	01/28/21 11:43	
1,2-Dichloroethane	ug/L	ND	0.50	01/28/21 11:43	
1,2-Dichloropropane	ug/L	ND	0.50	01/28/21 11:43	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	01/28/21 11:43	
1,3-Dichlorobenzene	ug/L	ND	0.50	01/28/21 11:43	
1,3-Dichloropropane	ug/L	ND	0.50	01/28/21 11:43	
1,4-Dichlorobenzene	ug/L	ND	0.50	01/28/21 11:43	
2,2-Dichloropropane	ug/L	ND	0.50	01/28/21 11:43	
2-Chlorotoluene	ug/L	ND	0.50	01/28/21 11:43	
4-Chlorotoluene	ug/L	ND	0.50	01/28/21 11:43	
Benzene	ug/L	ND	0.50	01/28/21 11:43	
Bromobenzene	ug/L	ND	0.50	01/28/21 11:43	
Bromochloromethane	ug/L	ND	0.50	01/28/21 11:43	
Bromodichloromethane	ug/L	ND	0.50	01/28/21 11:43	
Bromoform	ug/L	ND	0.50	01/28/21 11:43	
Bromomethane	ug/L	ND	5.0	01/28/21 11:43	
Carbon tetrachloride	ug/L	ND	0.50	01/28/21 11:43	
Chlorobenzene	ug/L	ND	0.50	01/28/21 11:43	
Chloroethane	ug/L	ND	1.0	01/28/21 11:43	
Chloroform	ug/L	ND	0.50	01/28/21 11:43	
Chloromethane	ug/L	ND	1.0	01/28/21 11:43	
cis-1,2-Dichloroethene	ug/L	ND	0.50	01/28/21 11:43	
cis-1,3-Dichloropropene	ug/L	ND	0.50	01/28/21 11:43	
Dibromochloromethane	ug/L	ND	0.50	01/28/21 11:43	
Dibromomethane	ug/L	ND	0.50	01/28/21 11:43	
Dichlorodifluoromethane	ug/L	ND	0.50	01/28/21 11:43	
Diisopropyl ether	ug/L	ND	0.50	01/28/21 11:43	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518564

METHOD BLANK: 3143418 Matrix: Water
Associated Lab Samples: 92518564001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	01/28/21 11:43	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	01/28/21 11:43	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	01/28/21 11:43	
m&p-Xylene	ug/L	ND	1.0	01/28/21 11:43	
Methyl-tert-butyl ether	ug/L	ND	0.50	01/28/21 11:43	
Methylene Chloride	ug/L	ND	2.0	01/28/21 11:43	
n-Butylbenzene	ug/L	ND	0.50	01/28/21 11:43	
n-Propylbenzene	ug/L	ND	0.50	01/28/21 11:43	
Naphthalene	ug/L	ND	2.0	01/28/21 11:43	
o-Xylene	ug/L	ND	0.50	01/28/21 11:43	
sec-Butylbenzene	ug/L	ND	0.50	01/28/21 11:43	
Styrene	ug/L	ND	0.50	01/28/21 11:43	
tert-Butylbenzene	ug/L	ND	0.50	01/28/21 11:43	
Tetrachloroethene	ug/L	ND	0.50	01/28/21 11:43	
Toluene	ug/L	ND	0.50	01/28/21 11:43	
trans-1,2-Dichloroethene	ug/L	ND	0.50	01/28/21 11:43	
trans-1,3-Dichloropropene	ug/L	ND	0.50	01/28/21 11:43	
Trichloroethene	ug/L	ND	0.50	01/28/21 11:43	
Trichlorofluoromethane	ug/L	ND	1.0	01/28/21 11:43	
Vinyl chloride	ug/L	ND	1.0	01/28/21 11:43	
1,2-Dichloroethane-d4 (S)	%	101	70-130	01/28/21 11:43	
4-Bromofluorobenzene (S)	%	97	70-130	01/28/21 11:43	
Toluene-d8 (S)	%	101	70-130	01/28/21 11:43	

LABORATORY CONTROL SAMPLE: 3143419

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	55.6	111	60-140	
1,1,1-Trichloroethane	ug/L	50	54.7	109	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	55.5	111	60-140	
1,1,2-Trichloroethane	ug/L	50	52.0	104	60-140	
1,1-Dichloroethane	ug/L	50	54.3	109	60-140	
1,1-Dichloroethene	ug/L	50	57.5	115	60-140	
1,1-Dichloropropene	ug/L	50	55.4	111	60-140	
1,2,3-Trichlorobenzene	ug/L	50	54.1	108	60-140	
1,2,3-Trichloropropane	ug/L	50	55.0	110	60-140	
1,2,4-Trichlorobenzene	ug/L	50	55.3	111	60-140	
1,2,4-Trimethylbenzene	ug/L	50	51.8	104	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	58.8	118	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	56.7	113	60-140	
1,2-Dichlorobenzene	ug/L	50	55.8	112	60-140	
1,2-Dichloroethane	ug/L	50	52.8	106	60-140	
1,2-Dichloropropane	ug/L	50	53.8	108	60-140	
1,3,5-Trimethylbenzene	ug/L	50	53.2	106	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518564

LABORATORY CONTROL SAMPLE: 3143419

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	55.9	112	60-140	
1,3-Dichloropropane	ug/L	50	54.8	110	60-140	
1,4-Dichlorobenzene	ug/L	50	55.3	111	60-140	
2,2-Dichloropropane	ug/L	50	57.9	116	60-140	
2-Chlorotoluene	ug/L	50	54.8	110	60-140	
4-Chlorotoluene	ug/L	50	53.4	107	60-140	
Benzene	ug/L	50	53.4	107	60-140	
Bromobenzene	ug/L	50	52.2	104	60-140	
Bromochloromethane	ug/L	50	53.2	106	60-140	
Bromodichloromethane	ug/L	50	52.9	106	60-140	
Bromoform	ug/L	50	57.9	116	60-140	
Bromomethane	ug/L	50	50.9	102	60-140	
Carbon tetrachloride	ug/L	50	55.8	112	60-140	
Chlorobenzene	ug/L	50	54.6	109	60-140	
Chloroethane	ug/L	50	40.9	82	60-140	
Chloroform	ug/L	50	51.2	102	60-140	
Chloromethane	ug/L	50	52.7	105	60-140	
cis-1,2-Dichloroethene	ug/L	50	52.7	105	60-140	
cis-1,3-Dichloropropene	ug/L	50	56.9	114	60-140	
Dibromochloromethane	ug/L	50	57.6	115	60-140	
Dibromomethane	ug/L	50	54.1	108	60-140	
Dichlorodifluoromethane	ug/L	50	56.8	114	60-140	
Diisopropyl ether	ug/L	50	51.9	104	60-140	
Ethylbenzene	ug/L	50	53.7	107	60-140	
Hexachloro-1,3-butadiene	ug/L	50	55.5	111	60-140	
Isopropylbenzene (Cumene)	ug/L	50	53.9	108	60-140	
m&p-Xylene	ug/L	100	105	105	60-140	
Methyl-tert-butyl ether	ug/L	50	53.5	107	60-140	
Methylene Chloride	ug/L	50	48.4	97	60-140	
n-Butylbenzene	ug/L	50	56.7	113	60-140	
n-Propylbenzene	ug/L	50	53.4	107	60-140	
Naphthalene	ug/L	50	56.6	113	60-140	
o-Xylene	ug/L	50	52.6	105	60-140	
sec-Butylbenzene	ug/L	50	54.0	108	60-140	
Styrene	ug/L	50	55.3	111	60-140	
tert-Butylbenzene	ug/L	50	44.7	89	60-140	
Tetrachloroethene	ug/L	50	51.2	102	60-140	
Toluene	ug/L	50	51.6	103	60-140	
trans-1,2-Dichloroethene	ug/L	50	56.9	114	60-140	
trans-1,3-Dichloropropene	ug/L	50	56.6	113	60-140	
Trichloroethene	ug/L	50	54.3	109	60-140	
Trichlorofluoromethane	ug/L	50	44.0	88	60-140	
Vinyl chloride	ug/L	50	49.3	99	60-140	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Toluene-d8 (S)	%			98	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518564

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3143420 3143421

Parameter	Units	92517052001 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	1000	1000	1050	996	105	100	60-140	5	
1,1,1-Trichloroethane	ug/L	ND	1000	1000	936	906	94	91	60-140	3	
1,1,2,2-Tetrachloroethane	ug/L	ND	1000	1000	1030	960	103	96	60-140	7	
1,1,2-Trichloroethane	ug/L	ND	1000	1000	987	937	99	94	60-140	5	
1,1-Dichloroethane	ug/L	ND	1000	1000	964	937	96	94	60-140	3	
1,1-Dichloroethene	ug/L	ND	1000	1000	924	900	92	90	60-140	3	
1,1-Dichloropropene	ug/L	ND	1000	1000	984	937	98	94	60-140	5	
1,2,3-Trichlorobenzene	ug/L	ND	1000	1000	977	944	98	94	60-140	3	
1,2,3-Trichloropropane	ug/L	ND	1000	1000	1020	945	102	94	60-140	8	
1,2,4-Trichlorobenzene	ug/L	ND	1000	1000	992	953	99	95	60-140	4	
1,2,4-Trimethylbenzene	ug/L	1660 ppb	1000	1000	2590	2630	93	97	60-140	1	
1,2-Dibromo-3-chloropropane	ug/L	ND	1000	1000	941	915	94	92	60-140	3	
1,2-Dibromoethane (EDB)	ug/L	ND	1000	1000	1010	961	101	96	60-140	5	
1,2-Dichlorobenzene	ug/L	ND	1000	1000	1040	995	104	99	60-140	4	
1,2-Dichloroethane	ug/L	ND	1000	1000	875	846	88	85	60-140	3	
1,2-Dichloropropane	ug/L	ND	1000	1000	1050	1000	105	100	60-140	4	
1,3,5-Trimethylbenzene	ug/L	ND	1000	1000	1410	1410	141	141	60-140	1	M1
1,3-Dichlorobenzene	ug/L	ND	1000	1000	1020	1000	102	100	60-140	2	
1,3-Dichloropropane	ug/L	ND	1000	1000	1010	964	101	96	60-140	5	
1,4-Dichlorobenzene	ug/L	ND	1000	1000	997	971	100	97	60-140	3	
2,2-Dichloropropane	ug/L	ND	1000	1000	802	780	80	78	60-140	3	
2-Chlorotoluene	ug/L	ND	1000	1000	1160	1120	116	112	60-140	3	
4-Chlorotoluene	ug/L	ND	1000	1000	1010	992	101	99	60-140	2	
Benzene	ug/L	4020 ppb	1000	1000	4670	4680	66	66	60-140	0	
Bromobenzene	ug/L	ND	1000	1000	993	976	99	98	60-140	2	
Bromochloromethane	ug/L	ND	1000	1000	960	948	96	95	60-140	1	
Bromodichloromethane	ug/L	ND	1000	1000	926	889	93	89	60-140	4	
Bromoform	ug/L	ND	1000	1000	986	929	99	93	60-140	6	
Bromomethane	ug/L	ND	1000	1000	863	874	86	87	60-140	1	
Carbon tetrachloride	ug/L	ND	1000	1000	1030	958	103	96	60-140	7	
Chlorobenzene	ug/L	ND	1000	1000	1060	990	106	99	60-140	7	
Chloroethane	ug/L	ND	1000	1000	958	906	96	91	60-140	6	
Chloroform	ug/L	ND	1000	1000	916	888	92	89	60-140	3	
Chloromethane	ug/L	ND	1000	1000	966	917	97	92	60-140	5	
cis-1,2-Dichloroethene	ug/L	ND	1000	1000	950	924	95	92	60-140	3	
cis-1,3-Dichloropropene	ug/L	ND	1000	1000	975	922	98	92	60-140	6	
Dibromochloromethane	ug/L	ND	1000	1000	1010	964	101	96	60-140	5	
Dibromomethane	ug/L	ND	1000	1000	1000	959	100	96	60-140	5	
Dichlorodifluoromethane	ug/L	ND	1000	1000	739	719	74	72	60-140	3	
Diisopropyl ether	ug/L	ND	1000	1000	943	914	94	91	60-140	3	
Ethylbenzene	ug/L	2000 ppb	1000	1000	2960	2890	96	89	60-140	2	
Hexachloro-1,3-butadiene	ug/L	ND	1000	1000	1030	1000	103	100	60-140	3	
Isopropylbenzene (Cumene)	ug/L	76.7 ppb	1000	1000	1160	1090	108	101	60-140	6	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518564

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3143420 3143421

Parameter	Units	92517052001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
m&p-Xylene	ug/L	5290 ppb	2000	2000	7450	7290	108	100	60-140	2	
Methyl-tert-butyl ether	ug/L	673 ppb	1000	1000	1410	1390	74	72	60-140	1	
Methylene Chloride	ug/L	ND	1000	1000	879	855	88	85	60-140	3	
n-Butylbenzene	ug/L	ND	1000	1000	1050	1020	105	102	60-140	3	
n-Propylbenzene	ug/L	ND	1000	1000	1180	1180	118	118	60-140	1	
Naphthalene	ug/L	462 ppb	1000	1000	1440	1420	98	96	60-140	1	
o-Xylene	ug/L	2470 ppb	1000	1000	3510	3460	104	99	60-140	2	
sec-Butylbenzene	ug/L	ND	1000	1000	1050	1020	105	102	60-140	3	
Styrene	ug/L	ND	1000	1000	1150	1100	115	110	60-140	4	
tert-Butylbenzene	ug/L	ND	1000	1000	773	776	77	78	60-140	0	
Tetrachloroethene	ug/L	ND	1000	1000	1060	992	106	99	60-140	7	
Toluene	ug/L	6040 ppb	1000	1000	6710	6710	67	67	60-140	0	
trans-1,2-Dichloroethene	ug/L	ND	1000	1000	963	933	96	93	60-140	3	
trans-1,3-Dichloropropene	ug/L	ND	1000	1000	957	904	96	90	60-140	6	
Trichloroethene	ug/L	ND	1000	1000	1030	995	103	100	60-140	4	
Trichlorofluoromethane	ug/L	ND	1000	1000	843	825	84	82	60-140	2	
Vinyl chloride	ug/L	ND	1000	1000	817	781	82	78	60-140	5	
1,2-Dichloroethane-d4 (S)	%						91	91	70-130		
4-Bromofluorobenzene (S)	%						99	97	70-130		
Toluene-d8 (S)	%						99	98	70-130		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92518564

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92518564

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92518564001	**DUP-1**	MADEPV	1613440	MADEP VPH	1613440
92518564002	**FB-1**	MADEPV	1613440	MADEP VPH	1613440
92518564001	**DUP-1**	EPA 3010A	595522	EPA 6010D	595539
92518564002	**FB-1**	EPA 3010A	595522	EPA 6010D	595539
92518564001	**DUP-1**	SM 6200B	596007		
92518564002	**FB-1**	SM 6200B	596004		
92518564003	**Trip Blank**	SM 6200B	596004		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

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

LAB US[E] **WO#: 92518564** 92518564

Contai[ner] | Number or

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: Andrew.Street@apexcos.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: 2020-21-2448 Incident	State: NC / County/City: Huntersville / Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET

Phone: Email:	Site/Facility ID #:	Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Naomi Fretz	Purchase Order #: Quote #:	DW PWS ID #: DW Location Code:
Collected By (signature): Naomi F	Turnaround Date Required: ASAP	Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)	Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

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

** 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 Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res Cl	# of Ctns	VOCs 6200B	MADEP VPH	Lead	Lab Sample # / Comments
												92518564
DUP-1	DW	G	1-26-21	-				8	X	X	X	001
FB-1	OT	G	↓	-				8	X	X	X	002
Trip Blank	OT	-	↓	-				2	X			007

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N (NA)
Custody Signatures Present	Y N (NA)
Collector Signature Present	(Y) N NA
Bottles Intact	(Y) N NA
Correct Bottles	(Y) N NA
Sufficient Volume	(Y) N NA
Samples Received on Ice	(Y) N NA
VOA - Headspace Acceptable	(Y) N NA
USDA Regulated Soils	Y N (NA)
Samples in Holding Time	(Y) N NA
Residual Chlorine Present	Y N (NA)
Cl Strips:	
Sample pH Acceptable	(Y) N NA
pH Strips:	223819AV
Sulfide Present	Y N (NA)
Lead Acetate Strips:	

LAB USE ONLY:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: b. bags

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

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

Lab Tracking #: 2615466

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: 92T064
Cooler 1 Temp Upon Receipt: 4.4 oC
Cooler 1 Therm Corr. Factor: -0.1 oC
Cooler 1 Corrected Temp: 4.3 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Fretz / Apex	1-26-21 1455	JC Pace HVL	1-26-21 1455
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip 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#: 92518564**

PM: AMB Due Date: 01/29/21

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						12										7													
2						12										7													
3																2													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

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

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

February 02, 2021

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

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92518569

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on January 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 National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92518569

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92518569

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92518569001	**14401_HC_RD_20211126**	MADEP VPH	ACG	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92518569

Sample: 14401_HC_RD_20211126 **Lab ID: 92518569001** Collected: 01/26/21 11:10 Received: 01/26/21 14:55 Matrix: Water

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/L	100	1	01/29/21 17:38	01/29/21 17:38		
Aliphatic (C09-C12)	ND	ug/L	100	1	01/29/21 17:38	01/29/21 17:38		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	01/29/21 17:38	01/29/21 17:38	TPHC9C10A	
Total VPH	ND	ug/L	100	1	01/29/21 17:38	01/29/21 17:38	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	104	%	70.0-130	1	01/29/21 17:38	01/29/21 17:38	615-59-8FID	
2,5-Dibromotoluene (PID)	97.8	%	70.0-130	1	01/29/21 17:38	01/29/21 17:38	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	01/27/21 01:10	01/27/21 18:22	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		01/28/21 15:02	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		01/28/21 15:02	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		01/28/21 15:02	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		01/28/21 15:02	75-27-4	
Bromoform	ND	ug/L	0.50	1		01/28/21 15:02	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/28/21 15:02	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		01/28/21 15:02	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		01/28/21 15:02	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		01/28/21 15:02	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		01/28/21 15:02	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		01/28/21 15:02	108-90-7	
Chloroethane	ND	ug/L	1.0	1		01/28/21 15:02	75-00-3	
Chloroform	ND	ug/L	0.50	1		01/28/21 15:02	67-66-3	
Chloromethane	ND	ug/L	1.0	1		01/28/21 15:02	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		01/28/21 15:02	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		01/28/21 15:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		01/28/21 15:02	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		01/28/21 15:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		01/28/21 15:02	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		01/28/21 15:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		01/28/21 15:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		01/28/21 15:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		01/28/21 15:02	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		01/28/21 15:02	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		01/28/21 15:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		01/28/21 15:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		01/28/21 15:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		01/28/21 15:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		01/28/21 15:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		01/28/21 15:02	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		01/28/21 15:02	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		01/28/21 15:02	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92518569

Sample: 14401_HC_RD_20211126 **Lab ID: 92518569001** Collected: 01/26/21 11:10 Received: 01/26/21 14:55 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		01/28/21 15:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		01/28/21 15:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		01/28/21 15:02	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		01/28/21 15:02	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		01/28/21 15:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		01/28/21 15:02	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		01/28/21 15:02	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		01/28/21 15:02	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		01/28/21 15:02	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		01/28/21 15:02	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		01/28/21 15:02	103-65-1	
Styrene	ND	ug/L	0.50	1		01/28/21 15:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		01/28/21 15:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		01/28/21 15:02	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		01/28/21 15:02	127-18-4	
Toluene	ND	ug/L	0.50	1		01/28/21 15:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		01/28/21 15:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		01/28/21 15:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		01/28/21 15:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		01/28/21 15:02	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		01/28/21 15:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		01/28/21 15:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		01/28/21 15:02	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		01/28/21 15:02	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		01/28/21 15:02	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		01/28/21 15:02	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		01/28/21 15:02	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		01/28/21 15:02	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	92	%	70-130	1		01/28/21 15:02	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130	1		01/28/21 15:02	460-00-4	
Toluene-d8 (S)	101	%	70-130	1		01/28/21 15:02	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518569

QC Batch: 1613440
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92518569001

METHOD BLANK: R3617909-3 Matrix: Water
Associated Lab Samples: 92518569001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	01/29/21 13:13	
Aliphatic (C09-C12)	ug/L	ND	100	01/29/21 13:13	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	01/29/21 13:13	
Total VPH	ug/L	ND	100	01/29/21 13:13	
2,5-Dibromotoluene (FID)	%	98.3	70.0-130	01/29/21 13:13	
2,5-Dibromotoluene (PID)	%	92	70.0-130	01/29/21 13:13	

LABORATORY CONTROL SAMPLE & LCSD: R3617909-1 R3617909-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1280	1300	107	108	70.0-130	1.55	25	
Aliphatic (C09-C12)	ug/L	1400	1420	1430	101	102	70.0-130	0.702	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	166	161	83.0	80.5	70.0-130	3.06	25	
Total VPH	ug/L	2800	2870	2890	103	103	70.0-130	0.694	25	
2,5-Dibromotoluene (FID)	%				111	105	70.0-130			
2,5-Dibromotoluene (PID)	%				104	99.0	70.0-130			

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518569

QC Batch: 595522
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92518569001

METHOD BLANK: 3141193 Matrix: Water
Associated Lab Samples: 92518569001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	01/27/21 17:53	

LABORATORY CONTROL SAMPLE: 3141194

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	501	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3141195 3141196

Parameter	Units	92518564001 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	509	505	101	101	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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518569

QC Batch: 596004
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92518569001

METHOD BLANK: 3143405 Matrix: Water
Associated Lab Samples: 92518569001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1,1-Trichloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1,2-Trichloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1-Dichloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1-Dichloroethene	ug/L	ND	0.50	01/28/21 12:01	
1,1-Dichloropropene	ug/L	ND	0.50	01/28/21 12:01	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	01/28/21 12:01	
1,2,3-Trichloropropane	ug/L	ND	0.50	01/28/21 12:01	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	01/28/21 12:01	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	01/28/21 12:01	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	01/28/21 12:01	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	01/28/21 12:01	
1,2-Dichlorobenzene	ug/L	ND	0.50	01/28/21 12:01	
1,2-Dichloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,2-Dichloropropane	ug/L	ND	0.50	01/28/21 12:01	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	01/28/21 12:01	
1,3-Dichlorobenzene	ug/L	ND	0.50	01/28/21 12:01	
1,3-Dichloropropane	ug/L	ND	0.50	01/28/21 12:01	
1,4-Dichlorobenzene	ug/L	ND	0.50	01/28/21 12:01	
2,2-Dichloropropane	ug/L	ND	0.50	01/28/21 12:01	
2-Chlorotoluene	ug/L	ND	0.50	01/28/21 12:01	
4-Chlorotoluene	ug/L	ND	0.50	01/28/21 12:01	
Benzene	ug/L	ND	0.50	01/28/21 12:01	
Bromobenzene	ug/L	ND	0.50	01/28/21 12:01	
Bromochloromethane	ug/L	ND	0.50	01/28/21 12:01	
Bromodichloromethane	ug/L	ND	0.50	01/28/21 12:01	
Bromoform	ug/L	ND	0.50	01/28/21 12:01	
Bromomethane	ug/L	ND	5.0	01/28/21 12:01	
Carbon tetrachloride	ug/L	ND	0.50	01/28/21 12:01	
Chlorobenzene	ug/L	ND	0.50	01/28/21 12:01	
Chloroethane	ug/L	ND	1.0	01/28/21 12:01	
Chloroform	ug/L	ND	0.50	01/28/21 12:01	
Chloromethane	ug/L	ND	1.0	01/28/21 12:01	
cis-1,2-Dichloroethene	ug/L	ND	0.50	01/28/21 12:01	
cis-1,3-Dichloropropene	ug/L	ND	0.50	01/28/21 12:01	
Dibromochloromethane	ug/L	ND	0.50	01/28/21 12:01	
Dibromomethane	ug/L	ND	0.50	01/28/21 12:01	
Dichlorodifluoromethane	ug/L	ND	0.50	01/28/21 12:01	
Diisopropyl ether	ug/L	ND	0.50	01/28/21 12:01	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518569

METHOD BLANK: 3143405 Matrix: Water
Associated Lab Samples: 92518569001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	01/28/21 12:01	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	01/28/21 12:01	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	01/28/21 12:01	
m&p-Xylene	ug/L	ND	1.0	01/28/21 12:01	
Methyl-tert-butyl ether	ug/L	ND	0.50	01/28/21 12:01	
Methylene Chloride	ug/L	ND	2.0	01/28/21 12:01	
n-Butylbenzene	ug/L	ND	0.50	01/28/21 12:01	
n-Propylbenzene	ug/L	ND	0.50	01/28/21 12:01	
Naphthalene	ug/L	ND	2.0	01/28/21 12:01	
o-Xylene	ug/L	ND	0.50	01/28/21 12:01	
sec-Butylbenzene	ug/L	ND	0.50	01/28/21 12:01	
Styrene	ug/L	ND	0.50	01/28/21 12:01	
tert-Butylbenzene	ug/L	ND	0.50	01/28/21 12:01	
Tetrachloroethene	ug/L	ND	0.50	01/28/21 12:01	
Toluene	ug/L	ND	0.50	01/28/21 12:01	
trans-1,2-Dichloroethene	ug/L	ND	0.50	01/28/21 12:01	
trans-1,3-Dichloropropene	ug/L	ND	0.50	01/28/21 12:01	
Trichloroethene	ug/L	ND	0.50	01/28/21 12:01	
Trichlorofluoromethane	ug/L	ND	1.0	01/28/21 12:01	
Vinyl chloride	ug/L	ND	1.0	01/28/21 12:01	
1,2-Dichloroethane-d4 (S)	%	91	70-130	01/28/21 12:01	
4-Bromofluorobenzene (S)	%	98	70-130	01/28/21 12:01	
Toluene-d8 (S)	%	102	70-130	01/28/21 12:01	

LABORATORY CONTROL SAMPLE: 3143406

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.4	101	60-140	
1,1,1-Trichloroethane	ug/L	50	45.0	90	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.3	99	60-140	
1,1,2-Trichloroethane	ug/L	50	48.8	98	60-140	
1,1-Dichloroethane	ug/L	50	47.0	94	60-140	
1,1-Dichloroethene	ug/L	50	46.7	93	60-140	
1,1-Dichloropropene	ug/L	50	46.9	94	60-140	
1,2,3-Trichlorobenzene	ug/L	50	48.3	97	60-140	
1,2,3-Trichloropropane	ug/L	50	48.8	98	60-140	
1,2,4-Trichlorobenzene	ug/L	50	49.2	98	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.3	97	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	48.7	97	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	48.6	97	60-140	
1,2-Dichlorobenzene	ug/L	50	50.1	100	60-140	
1,2-Dichloroethane	ug/L	50	43.4	87	60-140	
1,2-Dichloropropane	ug/L	50	50.9	102	60-140	
1,3,5-Trimethylbenzene	ug/L	50	48.2	96	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518569

LABORATORY CONTROL SAMPLE: 3143406

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.2	98	60-140	
1,3-Dichloropropane	ug/L	50	48.9	98	60-140	
1,4-Dichlorobenzene	ug/L	50	48.5	97	60-140	
2,2-Dichloropropane	ug/L	50	44.7	89	60-140	
2-Chlorotoluene	ug/L	50	49.3	99	60-140	
4-Chlorotoluene	ug/L	50	48.2	96	60-140	
Benzene	ug/L	50	48.0	96	60-140	
Bromobenzene	ug/L	50	49.2	98	60-140	
Bromochloromethane	ug/L	50	46.8	94	60-140	
Bromodichloromethane	ug/L	50	45.9	92	60-140	
Bromoform	ug/L	50	50.7	101	60-140	
Bromomethane	ug/L	50	45.6	91	60-140	
Carbon tetrachloride	ug/L	50	47.5	95	60-140	
Chlorobenzene	ug/L	50	49.7	99	60-140	
Chloroethane	ug/L	50	44.4	89	60-140	
Chloroform	ug/L	50	44.8	90	60-140	
Chloromethane	ug/L	50	48.0	96	60-140	
cis-1,2-Dichloroethene	ug/L	50	46.5	93	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.3	99	60-140	
Dibromochloromethane	ug/L	50	50.7	101	60-140	
Dibromomethane	ug/L	50	49.0	98	60-140	
Dichlorodifluoromethane	ug/L	50	45.6	91	60-140	
Diisopropyl ether	ug/L	50	47.1	94	60-140	
Ethylbenzene	ug/L	50	48.3	97	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.1	96	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.1	100	60-140	
m&p-Xylene	ug/L	100	98.3	98	60-140	
Methyl-tert-butyl ether	ug/L	50	44.3	89	60-140	
Methylene Chloride	ug/L	50	43.5	87	60-140	
n-Butylbenzene	ug/L	50	49.3	99	60-140	
n-Propylbenzene	ug/L	50	47.9	96	60-140	
Naphthalene	ug/L	50	48.8	98	60-140	
o-Xylene	ug/L	50	49.4	99	60-140	
sec-Butylbenzene	ug/L	50	48.4	97	60-140	
Styrene	ug/L	50	51.0	102	60-140	
tert-Butylbenzene	ug/L	50	37.5	75	60-140	
Tetrachloroethene	ug/L	50	49.0	98	60-140	
Toluene	ug/L	50	47.8	96	60-140	
trans-1,2-Dichloroethene	ug/L	50	47.3	95	60-140	
trans-1,3-Dichloropropene	ug/L	50	49.4	99	60-140	
Trichloroethene	ug/L	50	49.0	98	60-140	
Trichlorofluoromethane	ug/L	50	41.4	83	60-140	
Vinyl chloride	ug/L	50	44.5	89	60-140	
1,2-Dichloroethane-d4 (S)	%			87	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518569

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3143407 3143408

Parameter	Units	92517052004 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	5000	5000	4450	4560	89	91	60-140	2	
1,1,1-Trichloroethane	ug/L	ND	5000	5000	4140	4150	83	83	60-140	0	
1,1,2,2-Tetrachloroethane	ug/L	ND	5000	5000	4340	4440	87	89	60-140	2	
1,1,2-Trichloroethane	ug/L	ND	5000	5000	4360	4260	87	85	60-140	2	
1,1-Dichloroethane	ug/L	ND	5000	5000	4220	4210	84	84	60-140	0	
1,1-Dichloroethene	ug/L	ND	5000	5000	4090	4140	82	83	60-140	1	
1,1-Dichloropropene	ug/L	ND	5000	5000	4280	4290	86	86	60-140	0	
1,2,3-Trichlorobenzene	ug/L	ND	5000	5000	4170	4150	83	83	60-140	1	
1,2,3-Trichloropropane	ug/L	ND	5000	5000	4250	4200	85	84	60-140	1	
1,2,4-Trichlorobenzene	ug/L	ND	5000	5000	4250	4290	85	86	60-140	1	
1,2,4-Trimethylbenzene	ug/L	2340 ppb	5000	5000	6770	6750	89	88	60-140	0	
1,2-Dibromo-3-chloropropane	ug/L	ND	5000	5000	4060	4170	81	83	60-140	2	
1,2-Dibromoethane (EDB)	ug/L	ND	5000	5000	4320	4340	86	87	60-140	0	
1,2-Dichlorobenzene	ug/L	ND	5000	5000	4510	4390	90	88	60-140	3	
1,2-Dichloroethane	ug/L	ND	5000	5000	3930	3850	79	77	60-140	2	
1,2-Dichloropropane	ug/L	ND	5000	5000	4580	4540	92	91	60-140	1	
1,3,5-Trimethylbenzene	ug/L	ND	5000	5000	5070	4990	101	100	60-140	2	
1,3-Dichlorobenzene	ug/L	ND	5000	5000	4450	4390	89	88	60-140	1	
1,3-Dichloropropane	ug/L	ND	5000	5000	4430	4490	89	90	60-140	1	
1,4-Dichlorobenzene	ug/L	ND	5000	5000	4360	4330	87	87	60-140	1	
2,2-Dichloropropane	ug/L	ND	5000	5000	3530	3460	71	69	60-140	2	
2-Chlorotoluene	ug/L	ND	5000	5000	4540	4430	91	89	60-140	2	
4-Chlorotoluene	ug/L	ND	5000	5000	4470	4320	89	86	60-140	3	
Benzene	ug/L	9100 ppb	5000	5000	13300	13900	84	96	60-140	4	
Bromobenzene	ug/L	ND	5000	5000	4350	4310	87	86	60-140	1	
Bromochloromethane	ug/L	ND	5000	5000	4340	4260	87	85	60-140	2	
Bromodichloromethane	ug/L	ND	5000	5000	4010	3990	80	80	60-140	0	
Bromoform	ug/L	ND	5000	5000	4270	4370	85	87	60-140	2	
Bromomethane	ug/L	ND	5000	5000	4030	4080	81	82	60-140	1	
Carbon tetrachloride	ug/L	ND	5000	5000	4280	4300	86	86	60-140	0	
Chlorobenzene	ug/L	ND	5000	5000	4540	4540	91	91	60-140	0	
Chloroethane	ug/L	ND	5000	5000	4100	4080	82	82	60-140	0	
Chloroform	ug/L	ND	5000	5000	4070	4060	80	80	60-140	0	
Chloromethane	ug/L	ND	5000	5000	3730	3790	75	76	60-140	1	
cis-1,2-Dichloroethene	ug/L	ND	5000	5000	4200	4200	84	84	60-140	0	
cis-1,3-Dichloropropene	ug/L	ND	5000	5000	4250	4270	85	85	60-140	1	
Dibromochloromethane	ug/L	ND	5000	5000	4330	4330	87	87	60-140	0	
Dibromomethane	ug/L	ND	5000	5000	4410	4430	88	89	60-140	1	
Dichlorodifluoromethane	ug/L	ND	5000	5000	2530	2500	51	50	60-140	1	M1
Diisopropyl ether	ug/L	ND	5000	5000	4120	4160	82	82	60-140	1	
Ethylbenzene	ug/L	3250 ppb	5000	5000	7640	7850	88	92	60-140	3	
Hexachloro-1,3-butadiene	ug/L	ND	5000	5000	4290	4290	86	86	60-140	0	
Isopropylbenzene (Cumene)	ug/L	ND	5000	5000	4640	4630	91	91	60-140	0	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518569

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3143407 3143408

Parameter	Units	92517052004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
m&p-Xylene	ug/L	10300 ppb	10000	10000	19100	19800	88	95	60-140	3	
Methyl-tert-butyl ether	ug/L	7530 ppb	5000	5000	11500	12000	79	89	60-140	4	
Methylene Chloride	ug/L	ND	5000	5000	3920	3880	78	78	60-140	1	
n-Butylbenzene	ug/L	ND	5000	5000	4400	4300	88	86	60-140	2	
n-Propylbenzene	ug/L	ND	5000	5000	4660	4590	93	92	60-140	2	
Naphthalene	ug/L	679 ppb	5000	5000	5070	5080	88	88	60-140	0	
o-Xylene	ug/L	4850 ppb	5000	5000	9350	9670	90	96	60-140	3	
sec-Butylbenzene	ug/L	ND	5000	5000	4470	4410	89	88	60-140	1	
Styrene	ug/L	ND	5000	5000	4810	4830	96	97	60-140	0	
tert-Butylbenzene	ug/L	ND	5000	5000	3570	3520	71	70	60-140	2	
Tetrachloroethene	ug/L	ND	5000	5000	4520	4490	90	90	60-140	1	
Toluene	ug/L	29900 ppb	5000	5000	33700	35800	77	120	60-140	6	
trans-1,2-Dichloroethene	ug/L	ND	5000	5000	4270	4170	85	83	60-140	2	
trans-1,3-Dichloropropene	ug/L	ND	5000	5000	4120	4140	82	83	60-140	1	
Trichloroethene	ug/L	ND	5000	5000	4440	4430	89	89	60-140	0	
Trichlorofluoromethane	ug/L	ND	5000	5000	3710	3650	74	73	60-140	2	
Vinyl chloride	ug/L	ND	5000	5000	3530	3470	71	69	60-140	2	
1,2-Dichloroethane-d4 (S)	%						92	92	70-130		
4-Bromofluorobenzene (S)	%						97	98	70-130		
Toluene-d8 (S)	%						98	99	70-130		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92518569

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.

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92518569

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92518569001	**14401_HC_RD_20211126**	MADEPV	1613440	MADEP VPH	1613440
92518569001	**14401_HC_RD_20211126**	EPA 3010A	595522	EPA 6010D	595539
92518569001	**14401_HC_RD_20211126**	SM 6200B	596004		

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

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

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

WO# : 92518569

92518569

ONLY

Company: Apex Companies
Address:

Billing Information:

Report To: Andrew Street
Copy To:

Email To: Andrew.Street@apexcos.com
Site Collection Info/Address: 14401 Huntersville Concord Rd

Customer Project Name/Number: 2020-U-2448 Incident

State: NC / County/City: Huntersville / Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET

** Preservative ... xide, (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:
Email:

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): Naomi Fretz

Purchase Order #:
Quote #:

DW PWS ID #:
DW Location Code:

Collected By (signature): Naomi F.

Turnaround Date Required: ASAP

Immediately Packed on Ice: [ ] Yes [ ] No

Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: ______ [ ] Hold: ______

Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis: ______

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

Analyses: VOCs 6200B; MADEP VPH; Lead

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOCs 6200B	MADEP VPH	Lead	Lab Sample # / Comments
14401HC.RD.2021.126	DW	G	1-26-21	1110				8	X	X	X	001

Lab Profile/Line:

Lab Sample Receipt Checklist:
- Custody Seals Present/Intact Y N NA — NA
- Custody Signatures Present Y N NA — NA
- Collector Signature Present Y N NA — Y
- Bottles Intact Y N NA — Y
- Correct Bottles Y N NA — Y
- Sufficient Volume Y N NA — Y
- Samples Received on Ice Y N NA — Y
- VOA - Headspace Acceptable Y N NA — NA
- USDA Regulated Soils Y N NA — NA
- Samples in Holding Time Y N NA — Y
- Residual Chlorine Present Y N NA — NA
- Cl Strips: 223819A
- Sample pH Acceptable Y N NA — Y
- pH Strips: ______
- Sulfide Present Y N NA — NA
- Lead Acetate Strips: ______

LAB USE ONLY:
Lab Sample # / Comments: 92518569

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: bibcs

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

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

Lab Tracking #: 2615464

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: 92T264
Cooler 1 Temp Upon Receipt: 4.4 oC
Cooler 1 Therm Corr. Factor: -.1 oC
Cooler 1 Corrected Temp: 4.3 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Fretz / Apex	1-26-21 1455	SC Pace HVL	1-26-21 1455

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip 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#: 92518569**

PM: AMB Due Date: 01/29/21

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

February 02, 2021

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

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92518577

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on January 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 National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92518577

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92518577

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92518577001	**13800_HC_RD_2021126**	MADEP VPH	ACG	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92518577

Sample: 13800_HC_RD_2021126 **Lab ID: 92518577001** Collected: 01/26/21 10:20 Received: 01/26/21 14:55 Matrix: Water

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/L	100	1	01/29/21 16:32	01/29/21 16:32		
Aliphatic (C09-C12)	ND	ug/L	100	1	01/29/21 16:32	01/29/21 16:32		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	01/29/21 16:32	01/29/21 16:32	TPHC9C10A	
Total VPH	ND	ug/L	100	1	01/29/21 16:32	01/29/21 16:32	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	101	%	70.0-130	1	01/29/21 16:32	01/29/21 16:32	615-59-8FID	
2,5-Dibromotoluene (PID)	96.1	%	70.0-130	1	01/29/21 16:32	01/29/21 16:32	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	**16.9**	ug/L	5.0	1	01/27/21 01:10	01/27/21 18:25	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		01/28/21 13:31	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		01/28/21 13:31	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		01/28/21 13:31	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		01/28/21 13:31	75-27-4	
Bromoform	ND	ug/L	0.50	1		01/28/21 13:31	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/28/21 13:31	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		01/28/21 13:31	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		01/28/21 13:31	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		01/28/21 13:31	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		01/28/21 13:31	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		01/28/21 13:31	108-90-7	
Chloroethane	ND	ug/L	1.0	1		01/28/21 13:31	75-00-3	
Chloroform	ND	ug/L	0.50	1		01/28/21 13:31	67-66-3	
Chloromethane	ND	ug/L	1.0	1		01/28/21 13:31	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		01/28/21 13:31	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		01/28/21 13:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		01/28/21 13:31	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		01/28/21 13:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		01/28/21 13:31	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		01/28/21 13:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		01/28/21 13:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		01/28/21 13:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		01/28/21 13:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		01/28/21 13:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		01/28/21 13:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		01/28/21 13:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		01/28/21 13:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		01/28/21 13:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		01/28/21 13:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		01/28/21 13:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		01/28/21 13:31	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		01/28/21 13:31	594-20-7	

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92518577

Sample: 13800_HC_RD_2021126 **Lab ID: 92518577001** Collected: 01/26/21 10:20 Received: 01/26/21 14:55 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		01/28/21 13:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		01/28/21 13:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		01/28/21 13:31	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		01/28/21 13:31	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		01/28/21 13:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		01/28/21 13:31	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		01/28/21 13:31	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		01/28/21 13:31	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		01/28/21 13:31	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		01/28/21 13:31	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		01/28/21 13:31	103-65-1	
Styrene	ND	ug/L	0.50	1		01/28/21 13:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		01/28/21 13:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		01/28/21 13:31	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		01/28/21 13:31	127-18-4	
Toluene	ND	ug/L	0.50	1		01/28/21 13:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		01/28/21 13:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		01/28/21 13:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		01/28/21 13:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		01/28/21 13:31	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		01/28/21 13:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		01/28/21 13:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		01/28/21 13:31	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		01/28/21 13:31	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		01/28/21 13:31	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		01/28/21 13:31	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		01/28/21 13:31	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		01/28/21 13:31	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	91	%	70-130	1		01/28/21 13:31	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130	1		01/28/21 13:31	460-00-4	
Toluene-d8 (S)	100	%	70-130	1		01/28/21 13:31	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518577

QC Batch: 1613440
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92518577001

METHOD BLANK: R3617909-3 Matrix: Water
Associated Lab Samples: 92518577001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	01/29/21 13:13	
Aliphatic (C09-C12)	ug/L	ND	100	01/29/21 13:13	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	01/29/21 13:13	
Total VPH	ug/L	ND	100	01/29/21 13:13	
2,5-Dibromotoluene (FID)	%	98.3	70.0-130	01/29/21 13:13	
2,5-Dibromotoluene (PID)	%	92	70.0-130	01/29/21 13:13	

LABORATORY CONTROL SAMPLE & LCSD: R3617909-1 R3617909-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1280	1300	107	108	70.0-130	1.55	25	
Aliphatic (C09-C12)	ug/L	1400	1420	1430	101	102	70.0-130	0.702	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	166	161	83.0	80.5	70.0-130	3.06	25	
Total VPH	ug/L	2800	2870	2890	103	103	70.0-130	0.694	25	
2,5-Dibromotoluene (FID)	%				111	105	70.0-130			
2,5-Dibromotoluene (PID)	%				104	99.0	70.0-130			

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518577

QC Batch: 595522
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92518577001

METHOD BLANK: 3141193 Matrix: Water
Associated Lab Samples: 92518577001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	01/27/21 17:53	

LABORATORY CONTROL SAMPLE: 3141194

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	501	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3141195 3141196

Parameter	Units	92518564001 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	509	505	101	101	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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518577

QC Batch: 596004
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92518577001

METHOD BLANK: 3143405 Matrix: Water
Associated Lab Samples: 92518577001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1,1-Trichloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1,2-Trichloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1-Dichloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1-Dichloroethene	ug/L	ND	0.50	01/28/21 12:01	
1,1-Dichloropropene	ug/L	ND	0.50	01/28/21 12:01	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	01/28/21 12:01	
1,2,3-Trichloropropane	ug/L	ND	0.50	01/28/21 12:01	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	01/28/21 12:01	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	01/28/21 12:01	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	01/28/21 12:01	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	01/28/21 12:01	
1,2-Dichlorobenzene	ug/L	ND	0.50	01/28/21 12:01	
1,2-Dichloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,2-Dichloropropane	ug/L	ND	0.50	01/28/21 12:01	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	01/28/21 12:01	
1,3-Dichlorobenzene	ug/L	ND	0.50	01/28/21 12:01	
1,3-Dichloropropane	ug/L	ND	0.50	01/28/21 12:01	
1,4-Dichlorobenzene	ug/L	ND	0.50	01/28/21 12:01	
2,2-Dichloropropane	ug/L	ND	0.50	01/28/21 12:01	
2-Chlorotoluene	ug/L	ND	0.50	01/28/21 12:01	
4-Chlorotoluene	ug/L	ND	0.50	01/28/21 12:01	
Benzene	ug/L	ND	0.50	01/28/21 12:01	
Bromobenzene	ug/L	ND	0.50	01/28/21 12:01	
Bromochloromethane	ug/L	ND	0.50	01/28/21 12:01	
Bromodichloromethane	ug/L	ND	0.50	01/28/21 12:01	
Bromoform	ug/L	ND	0.50	01/28/21 12:01	
Bromomethane	ug/L	ND	5.0	01/28/21 12:01	
Carbon tetrachloride	ug/L	ND	0.50	01/28/21 12:01	
Chlorobenzene	ug/L	ND	0.50	01/28/21 12:01	
Chloroethane	ug/L	ND	1.0	01/28/21 12:01	
Chloroform	ug/L	ND	0.50	01/28/21 12:01	
Chloromethane	ug/L	ND	1.0	01/28/21 12:01	
cis-1,2-Dichloroethene	ug/L	ND	0.50	01/28/21 12:01	
cis-1,3-Dichloropropene	ug/L	ND	0.50	01/28/21 12:01	
Dibromochloromethane	ug/L	ND	0.50	01/28/21 12:01	
Dibromomethane	ug/L	ND	0.50	01/28/21 12:01	
Dichlorodifluoromethane	ug/L	ND	0.50	01/28/21 12:01	
Diisopropyl ether	ug/L	ND	0.50	01/28/21 12:01	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518577

METHOD BLANK: 3143405 Matrix: Water
Associated Lab Samples: 92518577001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	01/28/21 12:01	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	01/28/21 12:01	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	01/28/21 12:01	
m&p-Xylene	ug/L	ND	1.0	01/28/21 12:01	
Methyl-tert-butyl ether	ug/L	ND	0.50	01/28/21 12:01	
Methylene Chloride	ug/L	ND	2.0	01/28/21 12:01	
n-Butylbenzene	ug/L	ND	0.50	01/28/21 12:01	
n-Propylbenzene	ug/L	ND	0.50	01/28/21 12:01	
Naphthalene	ug/L	ND	2.0	01/28/21 12:01	
o-Xylene	ug/L	ND	0.50	01/28/21 12:01	
sec-Butylbenzene	ug/L	ND	0.50	01/28/21 12:01	
Styrene	ug/L	ND	0.50	01/28/21 12:01	
tert-Butylbenzene	ug/L	ND	0.50	01/28/21 12:01	
Tetrachloroethene	ug/L	ND	0.50	01/28/21 12:01	
Toluene	ug/L	ND	0.50	01/28/21 12:01	
trans-1,2-Dichloroethene	ug/L	ND	0.50	01/28/21 12:01	
trans-1,3-Dichloropropene	ug/L	ND	0.50	01/28/21 12:01	
Trichloroethene	ug/L	ND	0.50	01/28/21 12:01	
Trichlorofluoromethane	ug/L	ND	1.0	01/28/21 12:01	
Vinyl chloride	ug/L	ND	1.0	01/28/21 12:01	
1,2-Dichloroethane-d4 (S)	%	91	70-130	01/28/21 12:01	
4-Bromofluorobenzene (S)	%	98	70-130	01/28/21 12:01	
Toluene-d8 (S)	%	102	70-130	01/28/21 12:01	

LABORATORY CONTROL SAMPLE: 3143406

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.4	101	60-140	
1,1,1-Trichloroethane	ug/L	50	45.0	90	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.3	99	60-140	
1,1,2-Trichloroethane	ug/L	50	48.8	98	60-140	
1,1-Dichloroethane	ug/L	50	47.0	94	60-140	
1,1-Dichloroethene	ug/L	50	46.7	93	60-140	
1,1-Dichloropropene	ug/L	50	46.9	94	60-140	
1,2,3-Trichlorobenzene	ug/L	50	48.3	97	60-140	
1,2,3-Trichloropropane	ug/L	50	48.8	98	60-140	
1,2,4-Trichlorobenzene	ug/L	50	49.2	98	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.3	97	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	48.7	97	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	48.6	97	60-140	
1,2-Dichlorobenzene	ug/L	50	50.1	100	60-140	
1,2-Dichloroethane	ug/L	50	43.4	87	60-140	
1,2-Dichloropropane	ug/L	50	50.9	102	60-140	
1,3,5-Trimethylbenzene	ug/L	50	48.2	96	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518577

LABORATORY CONTROL SAMPLE: 3143406

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.2	98	60-140	
1,3-Dichloropropane	ug/L	50	48.9	98	60-140	
1,4-Dichlorobenzene	ug/L	50	48.5	97	60-140	
2,2-Dichloropropane	ug/L	50	44.7	89	60-140	
2-Chlorotoluene	ug/L	50	49.3	99	60-140	
4-Chlorotoluene	ug/L	50	48.2	96	60-140	
Benzene	ug/L	50	48.0	96	60-140	
Bromobenzene	ug/L	50	49.2	98	60-140	
Bromochloromethane	ug/L	50	46.8	94	60-140	
Bromodichloromethane	ug/L	50	45.9	92	60-140	
Bromoform	ug/L	50	50.7	101	60-140	
Bromomethane	ug/L	50	45.6	91	60-140	
Carbon tetrachloride	ug/L	50	47.5	95	60-140	
Chlorobenzene	ug/L	50	49.7	99	60-140	
Chloroethane	ug/L	50	44.4	89	60-140	
Chloroform	ug/L	50	44.8	90	60-140	
Chloromethane	ug/L	50	48.0	96	60-140	
cis-1,2-Dichloroethene	ug/L	50	46.5	93	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.3	99	60-140	
Dibromochloromethane	ug/L	50	50.7	101	60-140	
Dibromomethane	ug/L	50	49.0	98	60-140	
Dichlorodifluoromethane	ug/L	50	45.6	91	60-140	
Diisopropyl ether	ug/L	50	47.1	94	60-140	
Ethylbenzene	ug/L	50	48.3	97	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.1	96	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.1	100	60-140	
m&p-Xylene	ug/L	100	98.3	98	60-140	
Methyl-tert-butyl ether	ug/L	50	44.3	89	60-140	
Methylene Chloride	ug/L	50	43.5	87	60-140	
n-Butylbenzene	ug/L	50	49.3	99	60-140	
n-Propylbenzene	ug/L	50	47.9	96	60-140	
Naphthalene	ug/L	50	48.8	98	60-140	
o-Xylene	ug/L	50	49.4	99	60-140	
sec-Butylbenzene	ug/L	50	48.4	97	60-140	
Styrene	ug/L	50	51.0	102	60-140	
tert-Butylbenzene	ug/L	50	37.5	75	60-140	
Tetrachloroethene	ug/L	50	49.0	98	60-140	
Toluene	ug/L	50	47.8	96	60-140	
trans-1,2-Dichloroethene	ug/L	50	47.3	95	60-140	
trans-1,3-Dichloropropene	ug/L	50	49.4	99	60-140	
Trichloroethene	ug/L	50	49.0	98	60-140	
Trichlorofluoromethane	ug/L	50	41.4	83	60-140	
Vinyl chloride	ug/L	50	44.5	89	60-140	
1,2-Dichloroethane-d4 (S)	%			87	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518577

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3143407 3143408

Parameter	Units	92517052004 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	5000	5000	4450	4560	89	91	60-140	2	
1,1,1-Trichloroethane	ug/L	ND	5000	5000	4140	4150	83	83	60-140	0	
1,1,2,2-Tetrachloroethane	ug/L	ND	5000	5000	4340	4440	87	89	60-140	2	
1,1,2-Trichloroethane	ug/L	ND	5000	5000	4360	4260	87	85	60-140	2	
1,1-Dichloroethane	ug/L	ND	5000	5000	4220	4210	84	84	60-140	0	
1,1-Dichloroethene	ug/L	ND	5000	5000	4090	4140	82	83	60-140	1	
1,1-Dichloropropene	ug/L	ND	5000	5000	4280	4290	86	86	60-140	0	
1,2,3-Trichlorobenzene	ug/L	ND	5000	5000	4170	4150	83	83	60-140	1	
1,2,3-Trichloropropane	ug/L	ND	5000	5000	4250	4200	85	84	60-140	1	
1,2,4-Trichlorobenzene	ug/L	ND	5000	5000	4250	4290	85	86	60-140	1	
1,2,4-Trimethylbenzene	ug/L	2340 ppb	5000	5000	6770	6750	89	88	60-140	0	
1,2-Dibromo-3-chloropropane	ug/L	ND	5000	5000	4060	4170	81	83	60-140	2	
1,2-Dibromoethane (EDB)	ug/L	ND	5000	5000	4320	4340	86	87	60-140	0	
1,2-Dichlorobenzene	ug/L	ND	5000	5000	4510	4390	90	88	60-140	3	
1,2-Dichloroethane	ug/L	ND	5000	5000	3930	3850	79	77	60-140	2	
1,2-Dichloropropane	ug/L	ND	5000	5000	4580	4540	92	91	60-140	1	
1,3,5-Trimethylbenzene	ug/L	ND	5000	5000	5070	4990	101	100	60-140	2	
1,3-Dichlorobenzene	ug/L	ND	5000	5000	4450	4390	89	88	60-140	1	
1,3-Dichloropropane	ug/L	ND	5000	5000	4430	4490	89	90	60-140	1	
1,4-Dichlorobenzene	ug/L	ND	5000	5000	4360	4330	87	87	60-140	1	
2,2-Dichloropropane	ug/L	ND	5000	5000	3530	3460	71	69	60-140	2	
2-Chlorotoluene	ug/L	ND	5000	5000	4540	4430	91	89	60-140	2	
4-Chlorotoluene	ug/L	ND	5000	5000	4470	4320	89	86	60-140	3	
Benzene	ug/L	9100 ppb	5000	5000	13300	13900	84	96	60-140	4	
Bromobenzene	ug/L	ND	5000	5000	4350	4310	87	86	60-140	1	
Bromochloromethane	ug/L	ND	5000	5000	4340	4260	87	85	60-140	2	
Bromodichloromethane	ug/L	ND	5000	5000	4010	3990	80	80	60-140	0	
Bromoform	ug/L	ND	5000	5000	4270	4370	85	87	60-140	2	
Bromomethane	ug/L	ND	5000	5000	4030	4080	81	82	60-140	1	
Carbon tetrachloride	ug/L	ND	5000	5000	4280	4300	86	86	60-140	0	
Chlorobenzene	ug/L	ND	5000	5000	4540	4540	91	91	60-140	0	
Chloroethane	ug/L	ND	5000	5000	4100	4080	82	82	60-140	0	
Chloroform	ug/L	ND	5000	5000	4070	4060	80	80	60-140	0	
Chloromethane	ug/L	ND	5000	5000	3730	3790	75	76	60-140	1	
cis-1,2-Dichloroethene	ug/L	ND	5000	5000	4200	4200	84	84	60-140	0	
cis-1,3-Dichloropropene	ug/L	ND	5000	5000	4250	4270	85	85	60-140	1	
Dibromochloromethane	ug/L	ND	5000	5000	4330	4330	87	87	60-140	0	
Dibromomethane	ug/L	ND	5000	5000	4410	4430	88	89	60-140	1	
Dichlorodifluoromethane	ug/L	ND	5000	5000	2530	2500	51	50	60-140	1	M1
Diisopropyl ether	ug/L	ND	5000	5000	4120	4160	82	82	60-140	1	
Ethylbenzene	ug/L	3250 ppb	5000	5000	7640	7850	88	92	60-140	3	
Hexachloro-1,3-butadiene	ug/L	ND	5000	5000	4290	4290	86	86	60-140	0	
Isopropylbenzene (Cumene)	ug/L	ND	5000	5000	4640	4630	91	91	60-140	0	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518577

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3143407 3143408

Parameter	Units	92517052004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
m&p-Xylene	ug/L	10300 ppb	10000	10000	19100	19800	88	95	60-140	3	
Methyl-tert-butyl ether	ug/L	7530 ppb	5000	5000	11500	12000	79	89	60-140	4	
Methylene Chloride	ug/L	ND	5000	5000	3920	3880	78	78	60-140	1	
n-Butylbenzene	ug/L	ND	5000	5000	4400	4300	88	86	60-140	2	
n-Propylbenzene	ug/L	ND	5000	5000	4660	4590	93	92	60-140	2	
Naphthalene	ug/L	679 ppb	5000	5000	5070	5080	88	88	60-140	0	
o-Xylene	ug/L	4850 ppb	5000	5000	9350	9670	90	96	60-140	3	
sec-Butylbenzene	ug/L	ND	5000	5000	4470	4410	89	88	60-140	1	
Styrene	ug/L	ND	5000	5000	4810	4830	96	97	60-140	0	
tert-Butylbenzene	ug/L	ND	5000	5000	3570	3520	71	70	60-140	2	
Tetrachloroethene	ug/L	ND	5000	5000	4520	4490	90	90	60-140	1	
Toluene	ug/L	29900 ppb	5000	5000	33700	35800	77	120	60-140	6	
trans-1,2-Dichloroethene	ug/L	ND	5000	5000	4270	4170	85	83	60-140	2	
trans-1,3-Dichloropropene	ug/L	ND	5000	5000	4120	4140	82	83	60-140	1	
Trichloroethene	ug/L	ND	5000	5000	4440	4430	89	89	60-140	0	
Trichlorofluoromethane	ug/L	ND	5000	5000	3710	3650	74	73	60-140	2	
Vinyl chloride	ug/L	ND	5000	5000	3530	3470	71	69	60-140	2	
1,2-Dichloroethane-d4 (S)	%						92	92	70-130		
4-Bromofluorobenzene (S)	%						97	98	70-130		
Toluene-d8 (S)	%						98	99	70-130		

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92518577

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.

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92518577

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92518577001	**13800_HC_RD_2021126**	MADEPV	1613440	MADEP VPH	1613440
92518577001	**13800_HC_RD_2021126**	EPA 3010A	595522	EPA 6010D	595539
92518577001	**13800_HC_RD_2021126**	SM 6200B	596004		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

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

LAB USE — WO# : 92518577

92518577

Contain

** 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 _____

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: Andrew.Street@apexcos.com
Copy To:	Site Collection Info/Address: 13800 Huntersville Concord Rd
Customer Project Name/Number: 2020-LI-2448 Incident	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: / Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Naomi Fretz	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature): Naomi Fretz	Turnaround Date Required: ASAP / Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis: _____

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOCs 6200B	MADEP VPH	Lead							Lab Sample # / Comments
13800_NC_RD_20211126	DW	G	1-26-21	1020				8	X	X	X							001

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: 325819TV	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:
92518577

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: b.bags

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

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

Lab Tracking #: 2615463

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 92T064
Cooler 1 Temp Upon Receipt: 4.4 oC
Cooler 1 Therm Corr. Factor: -0.1 oC
Cooler 1 Corrected Temp: 4.3 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Fretz / Apex	1-26-21 1455	JC Pace HVL	1-26-21 1455
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip 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#: 92518577**

PM: AMB Due Date: 01/29/21

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						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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

February 02, 2021

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

RE: Project: 2020-LI-2448 Incident
Pace Project No.: 92518581

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on January 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 National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-LI-2448 Incident
Pace Project No.: 92518581

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-LI-2448 Incident
Pace Project No.: 92518581

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92518581001	**14226_HC_RD_2021126**	MADEP VPH	ACG	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-LI-2448 Incident
Pace Project No.: 92518581

Sample: 14226_HC_RD_2021126 **Lab ID: 92518581001** Collected: 01/26/21 13:00 Received: 01/26/21 14:55 Matrix: Water

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/L	100	1	01/29/21 14:52	01/29/21 14:52		
Aliphatic (C09-C12)	ND	ug/L	100	1	01/29/21 14:52	01/29/21 14:52		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	01/29/21 14:52	01/29/21 14:52	TPHC9C10A	
Total VPH	ND	ug/L	100	1	01/29/21 14:52	01/29/21 14:52	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	102	%	70.0-130	1	01/29/21 14:52	01/29/21 14:52	615-59-8FID	
2,5-Dibromotoluene (PID)	97.2	%	70.0-130	1	01/29/21 14:52	01/29/21 14:52	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	01/27/21 01:10	01/27/21 18:28	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		01/28/21 13:49	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		01/28/21 13:49	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		01/28/21 13:49	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		01/28/21 13:49	75-27-4	
Bromoform	ND	ug/L	0.50	1		01/28/21 13:49	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/28/21 13:49	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		01/28/21 13:49	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		01/28/21 13:49	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		01/28/21 13:49	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		01/28/21 13:49	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		01/28/21 13:49	108-90-7	
Chloroethane	ND	ug/L	1.0	1		01/28/21 13:49	75-00-3	
Chloroform	ND	ug/L	0.50	1		01/28/21 13:49	67-66-3	
Chloromethane	ND	ug/L	1.0	1		01/28/21 13:49	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		01/28/21 13:49	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		01/28/21 13:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		01/28/21 13:49	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		01/28/21 13:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		01/28/21 13:49	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		01/28/21 13:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		01/28/21 13:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		01/28/21 13:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		01/28/21 13:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		01/28/21 13:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		01/28/21 13:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		01/28/21 13:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		01/28/21 13:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		01/28/21 13:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		01/28/21 13:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		01/28/21 13:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		01/28/21 13:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		01/28/21 13:49	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-LI-2448 Incident
Pace Project No.: 92518581

Sample: 14226_HC_RD_2021126 **Lab ID: 92518581001** Collected: 01/26/21 13:00 Received: 01/26/21 14:55 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		01/28/21 13:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		01/28/21 13:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		01/28/21 13:49	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		01/28/21 13:49	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		01/28/21 13:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		01/28/21 13:49	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		01/28/21 13:49	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		01/28/21 13:49	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		01/28/21 13:49	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		01/28/21 13:49	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		01/28/21 13:49	103-65-1	
Styrene	ND	ug/L	0.50	1		01/28/21 13:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		01/28/21 13:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		01/28/21 13:49	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		01/28/21 13:49	127-18-4	
Toluene	ND	ug/L	0.50	1		01/28/21 13:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		01/28/21 13:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		01/28/21 13:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		01/28/21 13:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		01/28/21 13:49	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		01/28/21 13:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		01/28/21 13:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		01/28/21 13:49	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		01/28/21 13:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		01/28/21 13:49	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		01/28/21 13:49	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		01/28/21 13:49	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		01/28/21 13:49	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	91	%	70-130	1		01/28/21 13:49	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130	1		01/28/21 13:49	460-00-4	
Toluene-d8 (S)	100	%	70-130	1		01/28/21 13:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448 Incident
Pace Project No.: 92518581

QC Batch: 1613440
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92518581001

METHOD BLANK: R3617909-3 Matrix: Water
Associated Lab Samples: 92518581001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	01/29/21 13:13	
Aliphatic (C09-C12)	ug/L	ND	100	01/29/21 13:13	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	01/29/21 13:13	
Total VPH	ug/L	ND	100	01/29/21 13:13	
2,5-Dibromotoluene (FID)	%	98.3	70.0-130	01/29/21 13:13	
2,5-Dibromotoluene (PID)	%	92	70.0-130	01/29/21 13:13	

LABORATORY CONTROL SAMPLE & LCSD: R3617909-1 R3617909-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1280	1300	107	108	70.0-130	1.55	25	
Aliphatic (C09-C12)	ug/L	1400	1420	1430	101	102	70.0-130	0.702	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	166	161	83.0	80.5	70.0-130	3.06	25	
Total VPH	ug/L	2800	2870	2890	103	103	70.0-130	0.694	25	
2,5-Dibromotoluene (FID)	%				111	105	70.0-130			
2,5-Dibromotoluene (PID)	%				104	99.0	70.0-130			

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448 Incident
Pace Project No.: 92518581

QC Batch: 595522
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92518581001

METHOD BLANK: 3141193 Matrix: Water
Associated Lab Samples: 92518581001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	01/27/21 17:53	

LABORATORY CONTROL SAMPLE: 3141194

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	501	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3141195 3141196

Parameter	Units	92518564001 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	509	505	101	101	75-125	1	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448 Incident
Pace Project No.: 92518581

QC Batch: 596004
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92518581001

METHOD BLANK: 3143405 Matrix: Water
Associated Lab Samples: 92518581001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1,1-Trichloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1,2-Trichloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1-Dichloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1-Dichloroethene	ug/L	ND	0.50	01/28/21 12:01	
1,1-Dichloropropene	ug/L	ND	0.50	01/28/21 12:01	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	01/28/21 12:01	
1,2,3-Trichloropropane	ug/L	ND	0.50	01/28/21 12:01	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	01/28/21 12:01	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	01/28/21 12:01	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	01/28/21 12:01	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	01/28/21 12:01	
1,2-Dichlorobenzene	ug/L	ND	0.50	01/28/21 12:01	
1,2-Dichloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,2-Dichloropropane	ug/L	ND	0.50	01/28/21 12:01	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	01/28/21 12:01	
1,3-Dichlorobenzene	ug/L	ND	0.50	01/28/21 12:01	
1,3-Dichloropropane	ug/L	ND	0.50	01/28/21 12:01	
1,4-Dichlorobenzene	ug/L	ND	0.50	01/28/21 12:01	
2,2-Dichloropropane	ug/L	ND	0.50	01/28/21 12:01	
2-Chlorotoluene	ug/L	ND	0.50	01/28/21 12:01	
4-Chlorotoluene	ug/L	ND	0.50	01/28/21 12:01	
Benzene	ug/L	ND	0.50	01/28/21 12:01	
Bromobenzene	ug/L	ND	0.50	01/28/21 12:01	
Bromochloromethane	ug/L	ND	0.50	01/28/21 12:01	
Bromodichloromethane	ug/L	ND	0.50	01/28/21 12:01	
Bromoform	ug/L	ND	0.50	01/28/21 12:01	
Bromomethane	ug/L	ND	5.0	01/28/21 12:01	
Carbon tetrachloride	ug/L	ND	0.50	01/28/21 12:01	
Chlorobenzene	ug/L	ND	0.50	01/28/21 12:01	
Chloroethane	ug/L	ND	1.0	01/28/21 12:01	
Chloroform	ug/L	ND	0.50	01/28/21 12:01	
Chloromethane	ug/L	ND	1.0	01/28/21 12:01	
cis-1,2-Dichloroethene	ug/L	ND	0.50	01/28/21 12:01	
cis-1,3-Dichloropropene	ug/L	ND	0.50	01/28/21 12:01	
Dibromochloromethane	ug/L	ND	0.50	01/28/21 12:01	
Dibromomethane	ug/L	ND	0.50	01/28/21 12:01	
Dichlorodifluoromethane	ug/L	ND	0.50	01/28/21 12:01	
Diisopropyl ether	ug/L	ND	0.50	01/28/21 12:01	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448 Incident
Pace Project No.: 92518581

METHOD BLANK: 3143405 Matrix: Water
Associated Lab Samples: 92518581001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	01/28/21 12:01	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	01/28/21 12:01	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	01/28/21 12:01	
m&p-Xylene	ug/L	ND	1.0	01/28/21 12:01	
Methyl-tert-butyl ether	ug/L	ND	0.50	01/28/21 12:01	
Methylene Chloride	ug/L	ND	2.0	01/28/21 12:01	
n-Butylbenzene	ug/L	ND	0.50	01/28/21 12:01	
n-Propylbenzene	ug/L	ND	0.50	01/28/21 12:01	
Naphthalene	ug/L	ND	2.0	01/28/21 12:01	
o-Xylene	ug/L	ND	0.50	01/28/21 12:01	
sec-Butylbenzene	ug/L	ND	0.50	01/28/21 12:01	
Styrene	ug/L	ND	0.50	01/28/21 12:01	
tert-Butylbenzene	ug/L	ND	0.50	01/28/21 12:01	
Tetrachloroethene	ug/L	ND	0.50	01/28/21 12:01	
Toluene	ug/L	ND	0.50	01/28/21 12:01	
trans-1,2-Dichloroethene	ug/L	ND	0.50	01/28/21 12:01	
trans-1,3-Dichloropropene	ug/L	ND	0.50	01/28/21 12:01	
Trichloroethene	ug/L	ND	0.50	01/28/21 12:01	
Trichlorofluoromethane	ug/L	ND	1.0	01/28/21 12:01	
Vinyl chloride	ug/L	ND	1.0	01/28/21 12:01	
1,2-Dichloroethane-d4 (S)	%	91	70-130	01/28/21 12:01	
4-Bromofluorobenzene (S)	%	98	70-130	01/28/21 12:01	
Toluene-d8 (S)	%	102	70-130	01/28/21 12:01	

LABORATORY CONTROL SAMPLE: 3143406

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.4	101	60-140	
1,1,1-Trichloroethane	ug/L	50	45.0	90	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.3	99	60-140	
1,1,2-Trichloroethane	ug/L	50	48.8	98	60-140	
1,1-Dichloroethane	ug/L	50	47.0	94	60-140	
1,1-Dichloroethene	ug/L	50	46.7	93	60-140	
1,1-Dichloropropene	ug/L	50	46.9	94	60-140	
1,2,3-Trichlorobenzene	ug/L	50	48.3	97	60-140	
1,2,3-Trichloropropane	ug/L	50	48.8	98	60-140	
1,2,4-Trichlorobenzene	ug/L	50	49.2	98	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.3	97	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	48.7	97	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	48.6	97	60-140	
1,2-Dichlorobenzene	ug/L	50	50.1	100	60-140	
1,2-Dichloroethane	ug/L	50	43.4	87	60-140	
1,2-Dichloropropane	ug/L	50	50.9	102	60-140	
1,3,5-Trimethylbenzene	ug/L	50	48.2	96	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448 Incident
Pace Project No.: 92518581

LABORATORY CONTROL SAMPLE: 3143406

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.2	98	60-140	
1,3-Dichloropropane	ug/L	50	48.9	98	60-140	
1,4-Dichlorobenzene	ug/L	50	48.5	97	60-140	
2,2-Dichloropropane	ug/L	50	44.7	89	60-140	
2-Chlorotoluene	ug/L	50	49.3	99	60-140	
4-Chlorotoluene	ug/L	50	48.2	96	60-140	
Benzene	ug/L	50	48.0	96	60-140	
Bromobenzene	ug/L	50	49.2	98	60-140	
Bromochloromethane	ug/L	50	46.8	94	60-140	
Bromodichloromethane	ug/L	50	45.9	92	60-140	
Bromoform	ug/L	50	50.7	101	60-140	
Bromomethane	ug/L	50	45.6	91	60-140	
Carbon tetrachloride	ug/L	50	47.5	95	60-140	
Chlorobenzene	ug/L	50	49.7	99	60-140	
Chloroethane	ug/L	50	44.4	89	60-140	
Chloroform	ug/L	50	44.8	90	60-140	
Chloromethane	ug/L	50	48.0	96	60-140	
cis-1,2-Dichloroethene	ug/L	50	46.5	93	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.3	99	60-140	
Dibromochloromethane	ug/L	50	50.7	101	60-140	
Dibromomethane	ug/L	50	49.0	98	60-140	
Dichlorodifluoromethane	ug/L	50	45.6	91	60-140	
Diisopropyl ether	ug/L	50	47.1	94	60-140	
Ethylbenzene	ug/L	50	48.3	97	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.1	96	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.1	100	60-140	
m&p-Xylene	ug/L	100	98.3	98	60-140	
Methyl-tert-butyl ether	ug/L	50	44.3	89	60-140	
Methylene Chloride	ug/L	50	43.5	87	60-140	
n-Butylbenzene	ug/L	50	49.3	99	60-140	
n-Propylbenzene	ug/L	50	47.9	96	60-140	
Naphthalene	ug/L	50	48.8	98	60-140	
o-Xylene	ug/L	50	49.4	99	60-140	
sec-Butylbenzene	ug/L	50	48.4	97	60-140	
Styrene	ug/L	50	51.0	102	60-140	
tert-Butylbenzene	ug/L	50	37.5	75	60-140	
Tetrachloroethene	ug/L	50	49.0	98	60-140	
Toluene	ug/L	50	47.8	96	60-140	
trans-1,2-Dichloroethene	ug/L	50	47.3	95	60-140	
trans-1,3-Dichloropropene	ug/L	50	49.4	99	60-140	
Trichloroethene	ug/L	50	49.0	98	60-140	
Trichlorofluoromethane	ug/L	50	41.4	83	60-140	
Vinyl chloride	ug/L	50	44.5	89	60-140	
1,2-Dichloroethane-d4 (S)	%			87	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448 Incident
Pace Project No.: 92518581

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3143407 3143408

Parameter	Units	92517052004 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	5000	5000	4450	4560	89	91	60-140	2	
1,1,1-Trichloroethane	ug/L	ND	5000	5000	4140	4150	83	83	60-140	0	
1,1,2,2-Tetrachloroethane	ug/L	ND	5000	5000	4340	4440	87	89	60-140	2	
1,1,2-Trichloroethane	ug/L	ND	5000	5000	4360	4260	87	85	60-140	2	
1,1-Dichloroethane	ug/L	ND	5000	5000	4220	4210	84	84	60-140	0	
1,1-Dichloroethene	ug/L	ND	5000	5000	4090	4140	82	83	60-140	1	
1,1-Dichloropropene	ug/L	ND	5000	5000	4280	4290	86	86	60-140	0	
1,2,3-Trichlorobenzene	ug/L	ND	5000	5000	4170	4150	83	83	60-140	1	
1,2,3-Trichloropropane	ug/L	ND	5000	5000	4250	4200	85	84	60-140	1	
1,2,4-Trichlorobenzene	ug/L	ND	5000	5000	4250	4290	85	86	60-140	1	
1,2,4-Trimethylbenzene	ug/L	2340 ppb	5000	5000	6770	6750	89	88	60-140	0	
1,2-Dibromo-3-chloropropane	ug/L	ND	5000	5000	4060	4170	81	83	60-140	2	
1,2-Dibromoethane (EDB)	ug/L	ND	5000	5000	4320	4340	86	87	60-140	0	
1,2-Dichlorobenzene	ug/L	ND	5000	5000	4510	4390	90	88	60-140	3	
1,2-Dichloroethane	ug/L	ND	5000	5000	3930	3850	79	77	60-140	2	
1,2-Dichloropropane	ug/L	ND	5000	5000	4580	4540	92	91	60-140	1	
1,3,5-Trimethylbenzene	ug/L	ND	5000	5000	5070	4990	101	100	60-140	2	
1,3-Dichlorobenzene	ug/L	ND	5000	5000	4450	4390	89	88	60-140	1	
1,3-Dichloropropane	ug/L	ND	5000	5000	4430	4490	89	90	60-140	1	
1,4-Dichlorobenzene	ug/L	ND	5000	5000	4360	4330	87	87	60-140	1	
2,2-Dichloropropane	ug/L	ND	5000	5000	3530	3460	71	69	60-140	2	
2-Chlorotoluene	ug/L	ND	5000	5000	4540	4430	91	89	60-140	2	
4-Chlorotoluene	ug/L	ND	5000	5000	4470	4320	89	86	60-140	3	
Benzene	ug/L	9100 ppb	5000	5000	13300	13900	84	96	60-140	4	
Bromobenzene	ug/L	ND	5000	5000	4350	4310	87	86	60-140	1	
Bromochloromethane	ug/L	ND	5000	5000	4340	4260	87	85	60-140	2	
Bromodichloromethane	ug/L	ND	5000	5000	4010	3990	80	80	60-140	0	
Bromoform	ug/L	ND	5000	5000	4270	4370	85	87	60-140	2	
Bromomethane	ug/L	ND	5000	5000	4030	4080	81	82	60-140	1	
Carbon tetrachloride	ug/L	ND	5000	5000	4280	4300	86	86	60-140	0	
Chlorobenzene	ug/L	ND	5000	5000	4540	4540	91	91	60-140	0	
Chloroethane	ug/L	ND	5000	5000	4100	4080	82	82	60-140	0	
Chloroform	ug/L	ND	5000	5000	4070	4060	80	80	60-140	0	
Chloromethane	ug/L	ND	5000	5000	3730	3790	75	76	60-140	1	
cis-1,2-Dichloroethene	ug/L	ND	5000	5000	4200	4200	84	84	60-140	0	
cis-1,3-Dichloropropene	ug/L	ND	5000	5000	4250	4270	85	85	60-140	1	
Dibromochloromethane	ug/L	ND	5000	5000	4330	4330	87	87	60-140	0	
Dibromomethane	ug/L	ND	5000	5000	4410	4430	88	89	60-140	1	
Dichlorodifluoromethane	ug/L	ND	5000	5000	2530	2500	51	50	60-140	1	M1
Diisopropyl ether	ug/L	ND	5000	5000	4120	4160	82	82	60-140	1	
Ethylbenzene	ug/L	3250 ppb	5000	5000	7640	7850	88	92	60-140	3	
Hexachloro-1,3-butadiene	ug/L	ND	5000	5000	4290	4290	86	86	60-140	0	
Isopropylbenzene (Cumene)	ug/L	ND	5000	5000	4640	4630	91	91	60-140	0	

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-LI-2448 Incident
Pace Project No.: 92518581

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3143407 3143408

Parameter	Units	92517052004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
m&p-Xylene	ug/L	10300 ppb	10000	10000	19100	19800	88	95	60-140	3	
Methyl-tert-butyl ether	ug/L	7530 ppb	5000	5000	11500	12000	79	89	60-140	4	
Methylene Chloride	ug/L	ND	5000	5000	3920	3880	78	78	60-140	1	
n-Butylbenzene	ug/L	ND	5000	5000	4400	4300	88	86	60-140	2	
n-Propylbenzene	ug/L	ND	5000	5000	4660	4590	93	92	60-140	2	
Naphthalene	ug/L	679 ppb	5000	5000	5070	5080	88	88	60-140	0	
o-Xylene	ug/L	4850 ppb	5000	5000	9350	9670	90	96	60-140	3	
sec-Butylbenzene	ug/L	ND	5000	5000	4470	4410	89	88	60-140	1	
Styrene	ug/L	ND	5000	5000	4810	4830	96	97	60-140	0	
tert-Butylbenzene	ug/L	ND	5000	5000	3570	3520	71	70	60-140	2	
Tetrachloroethene	ug/L	ND	5000	5000	4520	4490	90	90	60-140	1	
Toluene	ug/L	29900 ppb	5000	5000	33700	35800	77	120	60-140	6	
trans-1,2-Dichloroethene	ug/L	ND	5000	5000	4270	4170	85	83	60-140	2	
trans-1,3-Dichloropropene	ug/L	ND	5000	5000	4120	4140	82	83	60-140	1	
Trichloroethene	ug/L	ND	5000	5000	4440	4430	89	89	60-140	0	
Trichlorofluoromethane	ug/L	ND	5000	5000	3710	3650	74	73	60-140	2	
Vinyl chloride	ug/L	ND	5000	5000	3530	3470	71	69	60-140	2	
1,2-Dichloroethane-d4 (S)	%						92	92	70-130		
4-Bromofluorobenzene (S)	%						97	98	70-130		
Toluene-d8 (S)	%						98	99	70-130		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 2020-LI-2448 Incident
Pace Project No.: 92518581

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-LI-2448 Incident
Pace Project No.: 92518581

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92518581001	**14226_HC_RD_2021126**	MADEPV	1613440	MADEP VPH	1613440
92518581001	**14226_HC_RD_2021126**	EPA 3010A	595522	EPA 6010D	595539
92518581001	**14226_HC_RD_2021126**	SM 6200B	596004		

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

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

WO#: 92518581

92518581

korder Number or

ONLY

Company: Apex Companies
Address:

Billing Information:

Report To: Andrew Street
Email To: Andrew.Street@apexcos.com

Copy To:
Site Collection Info/Address: 14226 Huntersville Concord Rd

Customer Project Name/Number: 2020-LI-2448 Incident
State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET

Phone:
Email:
Site/Facility ID #:
Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): Naomi Fretz
Purchase Order #:
Quote #:
DW PWS ID #:
DW Location Code:

Collected By (signature): Naomi Fretz
Turnaround Date Required: ASAP
Immediately Packed on Ice: [ ] Yes [ ] No

Sample Disposal:
[ ] Dispose as appropriate [ ] Return
[ ] Archive:
[ ] Hold:

Rush:
[ ] Same Day [ ] Next Day
[ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day
(Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

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

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs 6200B	MADEP VPH	Lead	Lab Sample # / Comments
14226.HC.RD.2021126	DW	G	1-26-21	1300				8	X	X	X	001

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N (NA)
Custody Signatures Present	Y N (NA)
Collector Signature Present	(Y) N NA
Bottles Intact	(Y) N NA
Correct Bottles	(Y) N NA
Sufficient Volume	(Y) N NA
Samples Received on Ice	(Y) N NA
VOA - Headspace Acceptable	(Y) N NA
USDA Regulated Soils	Y N (NA)
Samples in Holding Time	(Y) N NA
Residual Chlorine Present	Y N (NA)
Cl Strips:	223819TV
Sample pH Acceptable	(Y) N NA
pH Strips:	
Sulfide Present	Y N (NA)
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments: 92518581

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: Bags

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

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

Lab Tracking #: 2615467

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: 92T264
Cooler 1 Temp Upon Receipt: 4.4 oC
Cooler 1 Therm Corr. Factor: -0.1 oC
Cooler 1 Corrected Temp: 4.3 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Fretz / Apex	1-26-21 1455	SC Pace HVL	1-26-21 14:55

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: (Y) N NA
(HCL) MeOH TSP Other
20 1/26/21

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#: 92518581

PM: AMB Due Date: 01/29/21

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						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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

February 02, 2021

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

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92518587

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on January 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 National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92518587

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92518587

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92518587001	**13926B_HC_RD_2021126**	MADEP VPH	ACG	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92518587

Sample: 13926B_HC_RD_2021126 **Lab ID: 92518587001** Collected: 01/26/21 13:30 Received: 01/26/21 14:55 Matrix: Water

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/L	100	1	01/29/21 15:58	01/29/21 15:58		
Aliphatic (C09-C12)	ND	ug/L	100	1	01/29/21 15:58	01/29/21 15:58		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	01/29/21 15:58	01/29/21 15:58	TPHC9C10A	
Total VPH	ND	ug/L	100	1	01/29/21 15:58	01/29/21 15:58	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	95.9	%	70.0-130	1	01/29/21 15:58	01/29/21 15:58	615-59-8FID	
2,5-Dibromotoluene (PID)	92.5	%	70.0-130	1	01/29/21 15:58	01/29/21 15:58	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	01/27/21 01:10	01/27/21 18:31	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		01/28/21 15:20	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		01/28/21 15:20	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		01/28/21 15:20	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		01/28/21 15:20	75-27-4	
Bromoform	ND	ug/L	0.50	1		01/28/21 15:20	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/28/21 15:20	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		01/28/21 15:20	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		01/28/21 15:20	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		01/28/21 15:20	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		01/28/21 15:20	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		01/28/21 15:20	108-90-7	
Chloroethane	ND	ug/L	1.0	1		01/28/21 15:20	75-00-3	
Chloroform	**7.9**	ug/L	0.50	1		01/28/21 15:20	67-66-3	
Chloromethane	ND	ug/L	1.0	1		01/28/21 15:20	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		01/28/21 15:20	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		01/28/21 15:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		01/28/21 15:20	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		01/28/21 15:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		01/28/21 15:20	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		01/28/21 15:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		01/28/21 15:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		01/28/21 15:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		01/28/21 15:20	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		01/28/21 15:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		01/28/21 15:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		01/28/21 15:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		01/28/21 15:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		01/28/21 15:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		01/28/21 15:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		01/28/21 15:20	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		01/28/21 15:20	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		01/28/21 15:20	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92518587

Sample: 13926B_HC_RD_2021126 **Lab ID: 92518587001** Collected: 01/26/21 13:30 Received: 01/26/21 14:55 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		01/28/21 15:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		01/28/21 15:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		01/28/21 15:20	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		01/28/21 15:20	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		01/28/21 15:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		01/28/21 15:20	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		01/28/21 15:20	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		01/28/21 15:20	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		01/28/21 15:20	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		01/28/21 15:20	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		01/28/21 15:20	103-65-1	
Styrene	ND	ug/L	0.50	1		01/28/21 15:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		01/28/21 15:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		01/28/21 15:20	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		01/28/21 15:20	127-18-4	
Toluene	ND	ug/L	0.50	1		01/28/21 15:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		01/28/21 15:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		01/28/21 15:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		01/28/21 15:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		01/28/21 15:20	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		01/28/21 15:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		01/28/21 15:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		01/28/21 15:20	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		01/28/21 15:20	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		01/28/21 15:20	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		01/28/21 15:20	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		01/28/21 15:20	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		01/28/21 15:20	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	92	%	70-130	1		01/28/21 15:20	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130	1		01/28/21 15:20	460-00-4	
Toluene-d8 (S)	99	%	70-130	1		01/28/21 15:20	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518587

QC Batch: 1613440
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92518587001

METHOD BLANK: R3617909-3 Matrix: Water
Associated Lab Samples: 92518587001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	01/29/21 13:13	
Aliphatic (C09-C12)	ug/L	ND	100	01/29/21 13:13	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	01/29/21 13:13	
Total VPH	ug/L	ND	100	01/29/21 13:13	
2,5-Dibromotoluene (FID)	%	98.3	70.0-130	01/29/21 13:13	
2,5-Dibromotoluene (PID)	%	92	70.0-130	01/29/21 13:13	

LABORATORY CONTROL SAMPLE & LCSD: R3617909-1 R3617909-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1280	1300	107	108	70.0-130	1.55	25	
Aliphatic (C09-C12)	ug/L	1400	1420	1430	101	102	70.0-130	0.702	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	166	161	83.0	80.5	70.0-130	3.06	25	
Total VPH	ug/L	2800	2870	2890	103	103	70.0-130	0.694	25	
2,5-Dibromotoluene (FID)	%				111	105	70.0-130			
2,5-Dibromotoluene (PID)	%				104	99.0	70.0-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518587

QC Batch: 595522
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92518587001

METHOD BLANK: 3141193 Matrix: Water
Associated Lab Samples: 92518587001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	01/27/21 17:53	

LABORATORY CONTROL SAMPLE: 3141194

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	501	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3141195 3141196

Parameter	Units	92518564001 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	509	505	101	101	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.: 92518587

QC Batch: 596004
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92518587001

METHOD BLANK: 3143405 Matrix: Water
Associated Lab Samples: 92518587001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1,1-Trichloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1,2-Trichloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1-Dichloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1-Dichloroethene	ug/L	ND	0.50	01/28/21 12:01	
1,1-Dichloropropene	ug/L	ND	0.50	01/28/21 12:01	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	01/28/21 12:01	
1,2,3-Trichloropropane	ug/L	ND	0.50	01/28/21 12:01	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	01/28/21 12:01	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	01/28/21 12:01	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	01/28/21 12:01	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	01/28/21 12:01	
1,2-Dichlorobenzene	ug/L	ND	0.50	01/28/21 12:01	
1,2-Dichloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,2-Dichloropropane	ug/L	ND	0.50	01/28/21 12:01	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	01/28/21 12:01	
1,3-Dichlorobenzene	ug/L	ND	0.50	01/28/21 12:01	
1,3-Dichloropropane	ug/L	ND	0.50	01/28/21 12:01	
1,4-Dichlorobenzene	ug/L	ND	0.50	01/28/21 12:01	
2,2-Dichloropropane	ug/L	ND	0.50	01/28/21 12:01	
2-Chlorotoluene	ug/L	ND	0.50	01/28/21 12:01	
4-Chlorotoluene	ug/L	ND	0.50	01/28/21 12:01	
Benzene	ug/L	ND	0.50	01/28/21 12:01	
Bromobenzene	ug/L	ND	0.50	01/28/21 12:01	
Bromochloromethane	ug/L	ND	0.50	01/28/21 12:01	
Bromodichloromethane	ug/L	ND	0.50	01/28/21 12:01	
Bromoform	ug/L	ND	0.50	01/28/21 12:01	
Bromomethane	ug/L	ND	5.0	01/28/21 12:01	
Carbon tetrachloride	ug/L	ND	0.50	01/28/21 12:01	
Chlorobenzene	ug/L	ND	0.50	01/28/21 12:01	
Chloroethane	ug/L	ND	1.0	01/28/21 12:01	
Chloroform	ug/L	ND	0.50	01/28/21 12:01	
Chloromethane	ug/L	ND	1.0	01/28/21 12:01	
cis-1,2-Dichloroethene	ug/L	ND	0.50	01/28/21 12:01	
cis-1,3-Dichloropropene	ug/L	ND	0.50	01/28/21 12:01	
Dibromochloromethane	ug/L	ND	0.50	01/28/21 12:01	
Dibromomethane	ug/L	ND	0.50	01/28/21 12:01	
Dichlorodifluoromethane	ug/L	ND	0.50	01/28/21 12:01	
Diisopropyl ether	ug/L	ND	0.50	01/28/21 12:01	

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518587

METHOD BLANK: 3143405 Matrix: Water
Associated Lab Samples: 92518587001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	01/28/21 12:01	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	01/28/21 12:01	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	01/28/21 12:01	
m&p-Xylene	ug/L	ND	1.0	01/28/21 12:01	
Methyl-tert-butyl ether	ug/L	ND	0.50	01/28/21 12:01	
Methylene Chloride	ug/L	ND	2.0	01/28/21 12:01	
n-Butylbenzene	ug/L	ND	0.50	01/28/21 12:01	
n-Propylbenzene	ug/L	ND	0.50	01/28/21 12:01	
Naphthalene	ug/L	ND	2.0	01/28/21 12:01	
o-Xylene	ug/L	ND	0.50	01/28/21 12:01	
sec-Butylbenzene	ug/L	ND	0.50	01/28/21 12:01	
Styrene	ug/L	ND	0.50	01/28/21 12:01	
tert-Butylbenzene	ug/L	ND	0.50	01/28/21 12:01	
Tetrachloroethene	ug/L	ND	0.50	01/28/21 12:01	
Toluene	ug/L	ND	0.50	01/28/21 12:01	
trans-1,2-Dichloroethene	ug/L	ND	0.50	01/28/21 12:01	
trans-1,3-Dichloropropene	ug/L	ND	0.50	01/28/21 12:01	
Trichloroethene	ug/L	ND	0.50	01/28/21 12:01	
Trichlorofluoromethane	ug/L	ND	1.0	01/28/21 12:01	
Vinyl chloride	ug/L	ND	1.0	01/28/21 12:01	
1,2-Dichloroethane-d4 (S)	%	91	70-130	01/28/21 12:01	
4-Bromofluorobenzene (S)	%	98	70-130	01/28/21 12:01	
Toluene-d8 (S)	%	102	70-130	01/28/21 12:01	

LABORATORY CONTROL SAMPLE: 3143406

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.4	101	60-140	
1,1,1-Trichloroethane	ug/L	50	45.0	90	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.3	99	60-140	
1,1,2-Trichloroethane	ug/L	50	48.8	98	60-140	
1,1-Dichloroethane	ug/L	50	47.0	94	60-140	
1,1-Dichloroethene	ug/L	50	46.7	93	60-140	
1,1-Dichloropropene	ug/L	50	46.9	94	60-140	
1,2,3-Trichlorobenzene	ug/L	50	48.3	97	60-140	
1,2,3-Trichloropropane	ug/L	50	48.8	98	60-140	
1,2,4-Trichlorobenzene	ug/L	50	49.2	98	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.3	97	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	48.7	97	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	48.6	97	60-140	
1,2-Dichlorobenzene	ug/L	50	50.1	100	60-140	
1,2-Dichloroethane	ug/L	50	43.4	87	60-140	
1,2-Dichloropropane	ug/L	50	50.9	102	60-140	
1,3,5-Trimethylbenzene	ug/L	50	48.2	96	60-140	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518587

LABORATORY CONTROL SAMPLE: 3143406

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.2	98	60-140	
1,3-Dichloropropane	ug/L	50	48.9	98	60-140	
1,4-Dichlorobenzene	ug/L	50	48.5	97	60-140	
2,2-Dichloropropane	ug/L	50	44.7	89	60-140	
2-Chlorotoluene	ug/L	50	49.3	99	60-140	
4-Chlorotoluene	ug/L	50	48.2	96	60-140	
Benzene	ug/L	50	48.0	96	60-140	
Bromobenzene	ug/L	50	49.2	98	60-140	
Bromochloromethane	ug/L	50	46.8	94	60-140	
Bromodichloromethane	ug/L	50	45.9	92	60-140	
Bromoform	ug/L	50	50.7	101	60-140	
Bromomethane	ug/L	50	45.6	91	60-140	
Carbon tetrachloride	ug/L	50	47.5	95	60-140	
Chlorobenzene	ug/L	50	49.7	99	60-140	
Chloroethane	ug/L	50	44.4	89	60-140	
Chloroform	ug/L	50	44.8	90	60-140	
Chloromethane	ug/L	50	48.0	96	60-140	
cis-1,2-Dichloroethene	ug/L	50	46.5	93	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.3	99	60-140	
Dibromochloromethane	ug/L	50	50.7	101	60-140	
Dibromomethane	ug/L	50	49.0	98	60-140	
Dichlorodifluoromethane	ug/L	50	45.6	91	60-140	
Diisopropyl ether	ug/L	50	47.1	94	60-140	
Ethylbenzene	ug/L	50	48.3	97	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.1	96	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.1	100	60-140	
m&p-Xylene	ug/L	100	98.3	98	60-140	
Methyl-tert-butyl ether	ug/L	50	44.3	89	60-140	
Methylene Chloride	ug/L	50	43.5	87	60-140	
n-Butylbenzene	ug/L	50	49.3	99	60-140	
n-Propylbenzene	ug/L	50	47.9	96	60-140	
Naphthalene	ug/L	50	48.8	98	60-140	
o-Xylene	ug/L	50	49.4	99	60-140	
sec-Butylbenzene	ug/L	50	48.4	97	60-140	
Styrene	ug/L	50	51.0	102	60-140	
tert-Butylbenzene	ug/L	50	37.5	75	60-140	
Tetrachloroethene	ug/L	50	49.0	98	60-140	
Toluene	ug/L	50	47.8	96	60-140	
trans-1,2-Dichloroethene	ug/L	50	47.3	95	60-140	
trans-1,3-Dichloropropene	ug/L	50	49.4	99	60-140	
Trichloroethene	ug/L	50	49.0	98	60-140	
Trichlorofluoromethane	ug/L	50	41.4	83	60-140	
Vinyl chloride	ug/L	50	44.5	89	60-140	
1,2-Dichloroethane-d4 (S)	%			87	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518587

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3143407 3143408

Parameter	Units	92517052004 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	5000	5000	4450	4560	89	91	60-140	2	
1,1,1-Trichloroethane	ug/L	ND	5000	5000	4140	4150	83	83	60-140	0	
1,1,2,2-Tetrachloroethane	ug/L	ND	5000	5000	4340	4440	87	89	60-140	2	
1,1,2-Trichloroethane	ug/L	ND	5000	5000	4360	4260	87	85	60-140	2	
1,1-Dichloroethane	ug/L	ND	5000	5000	4220	4210	84	84	60-140	0	
1,1-Dichloroethene	ug/L	ND	5000	5000	4090	4140	82	83	60-140	1	
1,1-Dichloropropene	ug/L	ND	5000	5000	4280	4290	86	86	60-140	0	
1,2,3-Trichlorobenzene	ug/L	ND	5000	5000	4170	4150	83	83	60-140	1	
1,2,3-Trichloropropane	ug/L	ND	5000	5000	4250	4200	85	84	60-140	1	
1,2,4-Trichlorobenzene	ug/L	ND	5000	5000	4250	4290	85	86	60-140	1	
1,2,4-Trimethylbenzene	ug/L	2340 ppb	5000	5000	6770	6750	89	88	60-140	0	
1,2-Dibromo-3-chloropropane	ug/L	ND	5000	5000	4060	4170	81	83	60-140	2	
1,2-Dibromoethane (EDB)	ug/L	ND	5000	5000	4320	4340	86	87	60-140	0	
1,2-Dichlorobenzene	ug/L	ND	5000	5000	4510	4390	90	88	60-140	3	
1,2-Dichloroethane	ug/L	ND	5000	5000	3930	3850	79	77	60-140	2	
1,2-Dichloropropane	ug/L	ND	5000	5000	4580	4540	92	91	60-140	1	
1,3,5-Trimethylbenzene	ug/L	ND	5000	5000	5070	4990	101	100	60-140	2	
1,3-Dichlorobenzene	ug/L	ND	5000	5000	4450	4390	89	88	60-140	1	
1,3-Dichloropropane	ug/L	ND	5000	5000	4430	4490	89	90	60-140	1	
1,4-Dichlorobenzene	ug/L	ND	5000	5000	4360	4330	87	87	60-140	1	
2,2-Dichloropropane	ug/L	ND	5000	5000	3530	3460	71	69	60-140	2	
2-Chlorotoluene	ug/L	ND	5000	5000	4540	4430	91	89	60-140	2	
4-Chlorotoluene	ug/L	ND	5000	5000	4470	4320	89	86	60-140	3	
Benzene	ug/L	9100 ppb	5000	5000	13300	13900	84	96	60-140	4	
Bromobenzene	ug/L	ND	5000	5000	4350	4310	87	86	60-140	1	
Bromochloromethane	ug/L	ND	5000	5000	4340	4260	87	85	60-140	2	
Bromodichloromethane	ug/L	ND	5000	5000	4010	3990	80	80	60-140	0	
Bromoform	ug/L	ND	5000	5000	4270	4370	85	87	60-140	2	
Bromomethane	ug/L	ND	5000	5000	4030	4080	81	82	60-140	1	
Carbon tetrachloride	ug/L	ND	5000	5000	4280	4300	86	86	60-140	0	
Chlorobenzene	ug/L	ND	5000	5000	4540	4540	91	91	60-140	0	
Chloroethane	ug/L	ND	5000	5000	4100	4080	82	82	60-140	0	
Chloroform	ug/L	ND	5000	5000	4070	4060	80	80	60-140	0	
Chloromethane	ug/L	ND	5000	5000	3730	3790	75	76	60-140	1	
cis-1,2-Dichloroethene	ug/L	ND	5000	5000	4200	4200	84	84	60-140	0	
cis-1,3-Dichloropropene	ug/L	ND	5000	5000	4250	4270	85	85	60-140	1	
Dibromochloromethane	ug/L	ND	5000	5000	4330	4330	87	87	60-140	0	
Dibromomethane	ug/L	ND	5000	5000	4410	4430	88	89	60-140	1	
Dichlorodifluoromethane	ug/L	ND	5000	5000	2530	2500	51	50	60-140	1	M1
Diisopropyl ether	ug/L	ND	5000	5000	4120	4160	82	82	60-140	1	
Ethylbenzene	ug/L	3250 ppb	5000	5000	7640	7850	88	92	60-140	3	
Hexachloro-1,3-butadiene	ug/L	ND	5000	5000	4290	4290	86	86	60-140	0	
Isopropylbenzene (Cumene)	ug/L	ND	5000	5000	4640	4630	91	91	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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518587

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3143407 3143408

Parameter	Units	92517052004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
m&p-Xylene	ug/L	10300 ppb	10000	10000	19100	19800	88	95	60-140	3	
Methyl-tert-butyl ether	ug/L	7530 ppb	5000	5000	11500	12000	79	89	60-140	4	
Methylene Chloride	ug/L	ND	5000	5000	3920	3880	78	78	60-140	1	
n-Butylbenzene	ug/L	ND	5000	5000	4400	4300	88	86	60-140	2	
n-Propylbenzene	ug/L	ND	5000	5000	4660	4590	93	92	60-140	2	
Naphthalene	ug/L	679 ppb	5000	5000	5070	5080	88	88	60-140	0	
o-Xylene	ug/L	4850 ppb	5000	5000	9350	9670	90	96	60-140	3	
sec-Butylbenzene	ug/L	ND	5000	5000	4470	4410	89	88	60-140	1	
Styrene	ug/L	ND	5000	5000	4810	4830	96	97	60-140	0	
tert-Butylbenzene	ug/L	ND	5000	5000	3570	3520	71	70	60-140	2	
Tetrachloroethene	ug/L	ND	5000	5000	4520	4490	90	90	60-140	1	
Toluene	ug/L	29900 ppb	5000	5000	33700	35800	77	120	60-140	6	
trans-1,2-Dichloroethene	ug/L	ND	5000	5000	4270	4170	85	83	60-140	2	
trans-1,3-Dichloropropene	ug/L	ND	5000	5000	4120	4140	82	83	60-140	1	
Trichloroethene	ug/L	ND	5000	5000	4440	4430	89	89	60-140	0	
Trichlorofluoromethane	ug/L	ND	5000	5000	3710	3650	74	73	60-140	2	
Vinyl chloride	ug/L	ND	5000	5000	3530	3470	71	69	60-140	2	
1,2-Dichloroethane-d4 (S)	%						92	92	70-130		
4-Bromofluorobenzene (S)	%						97	98	70-130		
Toluene-d8 (S)	%						98	99	70-130		

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92518587

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92518587

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92518587001	**13926B_HC_RD_2021126**	MADEPV	1613440	MADEP VPH	1613440
92518587001	**13926B_HC_RD_2021126**	EPA 3010A	595522	EPA 6010D	595539
92518587001	**13926B_HC_RD_2021126**	SM 6200B	596004		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

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

LAB USE O ... Label Here or List Pace Workorder Number or

WO# : 92518587

Containe 92518587

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: Andrew.Street@apexcos.com
Copy To:	Site Collection Info/Address: 13926B Huntersville Concord Rd
Customer Project Name/Number: 2020-11-2448 Incident	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Naomi Fretz	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Naomi Fretz	Turnaround Date Required: ASAP Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

** 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

* 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	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs 6200B	Analyses: MADEP VPH	Analyses: Lead	Lab Sample # / Comments
13926B_HC_RD_20211126	DW	G	1-26-21	13:30				8	X	X	X	92518587 001

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: 203819AV			
Sample pH Acceptable	Y	N	NA
pH Strips:			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

LAB USE ONLY:

Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: bubble

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

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

Lab Tracking #: 2615468

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#: T202604

Cooler 1 Temp Upon Receipt: 4.4 oC

Cooler 1 Therm Corr. Factor: -.1 oC

Cooler 1 Corrected Temp: 4.3 oC

Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Fretz / Apex	1-26-21 1455	JC Pace HVL	1-26-21 14:55
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: of:

Pace Carolinas Quality Office

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

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

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

Project # **WO# : 92518587**

PM: AMB Due Date: 01/29/21

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

February 02, 2021

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

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92518610

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on January 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 National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92518610

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92518610

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92518610001	**13835_AC_RD_2021126**	MADEP VPH	ACG	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92518610

Sample: 13835_AC_RD_2021126 **Lab ID: 92518610001** Collected: 01/26/21 12:05 Received: 01/26/21 14:55 Matrix: Water

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/L	100	1	01/29/21 15:25	01/29/21 15:25		
Aliphatic (C09-C12)	ND	ug/L	100	1	01/29/21 15:25	01/29/21 15:25		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	01/29/21 15:25	01/29/21 15:25	TPHC9C10A	
Total VPH	ND	ug/L	100	1	01/29/21 15:25	01/29/21 15:25	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	100	%	70.0-130	1	01/29/21 15:25	01/29/21 15:25	615-59-8FID	
2,5-Dibromotoluene (PID)	93.6	%	70.0-130	1	01/29/21 15:25	01/29/21 15:25	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	**15.4**	ug/L	5.0	1	01/27/21 01:10	01/27/21 18:35	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		01/28/21 14:43	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		01/28/21 14:43	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		01/28/21 14:43	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		01/28/21 14:43	75-27-4	
Bromoform	ND	ug/L	0.50	1		01/28/21 14:43	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/28/21 14:43	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		01/28/21 14:43	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		01/28/21 14:43	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		01/28/21 14:43	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		01/28/21 14:43	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		01/28/21 14:43	108-90-7	
Chloroethane	ND	ug/L	1.0	1		01/28/21 14:43	75-00-3	
Chloroform	ND	ug/L	0.50	1		01/28/21 14:43	67-66-3	
Chloromethane	ND	ug/L	1.0	1		01/28/21 14:43	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		01/28/21 14:43	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		01/28/21 14:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		01/28/21 14:43	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		01/28/21 14:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		01/28/21 14:43	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		01/28/21 14:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		01/28/21 14:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		01/28/21 14:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		01/28/21 14:43	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		01/28/21 14:43	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		01/28/21 14:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		01/28/21 14:43	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		01/28/21 14:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		01/28/21 14:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		01/28/21 14:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		01/28/21 14:43	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		01/28/21 14:43	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		01/28/21 14:43	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92518610

Sample: 13835_AC_RD_2021126 **Lab ID: 92518610001** Collected: 01/26/21 12:05 Received: 01/26/21 14:55 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		01/28/21 14:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		01/28/21 14:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		01/28/21 14:43	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		01/28/21 14:43	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		01/28/21 14:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		01/28/21 14:43	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		01/28/21 14:43	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		01/28/21 14:43	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		01/28/21 14:43	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		01/28/21 14:43	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		01/28/21 14:43	103-65-1	
Styrene	ND	ug/L	0.50	1		01/28/21 14:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		01/28/21 14:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		01/28/21 14:43	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		01/28/21 14:43	127-18-4	
Toluene	ND	ug/L	0.50	1		01/28/21 14:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		01/28/21 14:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		01/28/21 14:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		01/28/21 14:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		01/28/21 14:43	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		01/28/21 14:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		01/28/21 14:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		01/28/21 14:43	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		01/28/21 14:43	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		01/28/21 14:43	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		01/28/21 14:43	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		01/28/21 14:43	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		01/28/21 14:43	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	92	%	70-130	1		01/28/21 14:43	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130	1		01/28/21 14:43	460-00-4	
Toluene-d8 (S)	100	%	70-130	1		01/28/21 14:43	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518610

QC Batch: 1613440
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92518610001

METHOD BLANK: R3617909-3 Matrix: Water
Associated Lab Samples: 92518610001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	01/29/21 13:13	
Aliphatic (C09-C12)	ug/L	ND	100	01/29/21 13:13	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	01/29/21 13:13	
Total VPH	ug/L	ND	100	01/29/21 13:13	
2,5-Dibromotoluene (FID)	%	98.3	70.0-130	01/29/21 13:13	
2,5-Dibromotoluene (PID)	%	92	70.0-130	01/29/21 13:13	

LABORATORY CONTROL SAMPLE & LCSD: R3617909-1 R3617909-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1280	1300	107	108	70.0-130	1.55	25	
Aliphatic (C09-C12)	ug/L	1400	1420	1430	101	102	70.0-130	0.702	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	166	161	83.0	80.5	70.0-130	3.06	25	
Total VPH	ug/L	2800	2870	2890	103	103	70.0-130	0.694	25	
2,5-Dibromotoluene (FID)	%				111	105	70.0-130			
2,5-Dibromotoluene (PID)	%				104	99.0	70.0-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518610

QC Batch: 595522
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92518610001

METHOD BLANK: 3141193 Matrix: Water
Associated Lab Samples: 92518610001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	01/27/21 17:53	

LABORATORY CONTROL SAMPLE: 3141194

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	501	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3141195 3141196

Parameter	Units	92518564001 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	509	505	101	101	75-125	1	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518610

QC Batch: 596004
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92518610001

METHOD BLANK: 3143405 Matrix: Water
Associated Lab Samples: 92518610001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1,1-Trichloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1,2-Trichloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1-Dichloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1-Dichloroethene	ug/L	ND	0.50	01/28/21 12:01	
1,1-Dichloropropene	ug/L	ND	0.50	01/28/21 12:01	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	01/28/21 12:01	
1,2,3-Trichloropropane	ug/L	ND	0.50	01/28/21 12:01	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	01/28/21 12:01	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	01/28/21 12:01	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	01/28/21 12:01	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	01/28/21 12:01	
1,2-Dichlorobenzene	ug/L	ND	0.50	01/28/21 12:01	
1,2-Dichloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,2-Dichloropropane	ug/L	ND	0.50	01/28/21 12:01	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	01/28/21 12:01	
1,3-Dichlorobenzene	ug/L	ND	0.50	01/28/21 12:01	
1,3-Dichloropropane	ug/L	ND	0.50	01/28/21 12:01	
1,4-Dichlorobenzene	ug/L	ND	0.50	01/28/21 12:01	
2,2-Dichloropropane	ug/L	ND	0.50	01/28/21 12:01	
2-Chlorotoluene	ug/L	ND	0.50	01/28/21 12:01	
4-Chlorotoluene	ug/L	ND	0.50	01/28/21 12:01	
Benzene	ug/L	ND	0.50	01/28/21 12:01	
Bromobenzene	ug/L	ND	0.50	01/28/21 12:01	
Bromochloromethane	ug/L	ND	0.50	01/28/21 12:01	
Bromodichloromethane	ug/L	ND	0.50	01/28/21 12:01	
Bromoform	ug/L	ND	0.50	01/28/21 12:01	
Bromomethane	ug/L	ND	5.0	01/28/21 12:01	
Carbon tetrachloride	ug/L	ND	0.50	01/28/21 12:01	
Chlorobenzene	ug/L	ND	0.50	01/28/21 12:01	
Chloroethane	ug/L	ND	1.0	01/28/21 12:01	
Chloroform	ug/L	ND	0.50	01/28/21 12:01	
Chloromethane	ug/L	ND	1.0	01/28/21 12:01	
cis-1,2-Dichloroethene	ug/L	ND	0.50	01/28/21 12:01	
cis-1,3-Dichloropropene	ug/L	ND	0.50	01/28/21 12:01	
Dibromochloromethane	ug/L	ND	0.50	01/28/21 12:01	
Dibromomethane	ug/L	ND	0.50	01/28/21 12:01	
Dichlorodifluoromethane	ug/L	ND	0.50	01/28/21 12:01	
Diisopropyl ether	ug/L	ND	0.50	01/28/21 12:01	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518610

METHOD BLANK: 3143405 Matrix: Water
Associated Lab Samples: 92518610001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	01/28/21 12:01	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	01/28/21 12:01	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	01/28/21 12:01	
m&p-Xylene	ug/L	ND	1.0	01/28/21 12:01	
Methyl-tert-butyl ether	ug/L	ND	0.50	01/28/21 12:01	
Methylene Chloride	ug/L	ND	2.0	01/28/21 12:01	
n-Butylbenzene	ug/L	ND	0.50	01/28/21 12:01	
n-Propylbenzene	ug/L	ND	0.50	01/28/21 12:01	
Naphthalene	ug/L	ND	2.0	01/28/21 12:01	
o-Xylene	ug/L	ND	0.50	01/28/21 12:01	
sec-Butylbenzene	ug/L	ND	0.50	01/28/21 12:01	
Styrene	ug/L	ND	0.50	01/28/21 12:01	
tert-Butylbenzene	ug/L	ND	0.50	01/28/21 12:01	
Tetrachloroethene	ug/L	ND	0.50	01/28/21 12:01	
Toluene	ug/L	ND	0.50	01/28/21 12:01	
trans-1,2-Dichloroethene	ug/L	ND	0.50	01/28/21 12:01	
trans-1,3-Dichloropropene	ug/L	ND	0.50	01/28/21 12:01	
Trichloroethene	ug/L	ND	0.50	01/28/21 12:01	
Trichlorofluoromethane	ug/L	ND	1.0	01/28/21 12:01	
Vinyl chloride	ug/L	ND	1.0	01/28/21 12:01	
1,2-Dichloroethane-d4 (S)	%	91	70-130	01/28/21 12:01	
4-Bromofluorobenzene (S)	%	98	70-130	01/28/21 12:01	
Toluene-d8 (S)	%	102	70-130	01/28/21 12:01	

LABORATORY CONTROL SAMPLE: 3143406

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.4	101	60-140	
1,1,1-Trichloroethane	ug/L	50	45.0	90	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.3	99	60-140	
1,1,2-Trichloroethane	ug/L	50	48.8	98	60-140	
1,1-Dichloroethane	ug/L	50	47.0	94	60-140	
1,1-Dichloroethene	ug/L	50	46.7	93	60-140	
1,1-Dichloropropene	ug/L	50	46.9	94	60-140	
1,2,3-Trichlorobenzene	ug/L	50	48.3	97	60-140	
1,2,3-Trichloropropane	ug/L	50	48.8	98	60-140	
1,2,4-Trichlorobenzene	ug/L	50	49.2	98	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.3	97	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	48.7	97	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	48.6	97	60-140	
1,2-Dichlorobenzene	ug/L	50	50.1	100	60-140	
1,2-Dichloroethane	ug/L	50	43.4	87	60-140	
1,2-Dichloropropane	ug/L	50	50.9	102	60-140	
1,3,5-Trimethylbenzene	ug/L	50	48.2	96	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518610

LABORATORY CONTROL SAMPLE: 3143406

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.2	98	60-140	
1,3-Dichloropropane	ug/L	50	48.9	98	60-140	
1,4-Dichlorobenzene	ug/L	50	48.5	97	60-140	
2,2-Dichloropropane	ug/L	50	44.7	89	60-140	
2-Chlorotoluene	ug/L	50	49.3	99	60-140	
4-Chlorotoluene	ug/L	50	48.2	96	60-140	
Benzene	ug/L	50	48.0	96	60-140	
Bromobenzene	ug/L	50	49.2	98	60-140	
Bromochloromethane	ug/L	50	46.8	94	60-140	
Bromodichloromethane	ug/L	50	45.9	92	60-140	
Bromoform	ug/L	50	50.7	101	60-140	
Bromomethane	ug/L	50	45.6	91	60-140	
Carbon tetrachloride	ug/L	50	47.5	95	60-140	
Chlorobenzene	ug/L	50	49.7	99	60-140	
Chloroethane	ug/L	50	44.4	89	60-140	
Chloroform	ug/L	50	44.8	90	60-140	
Chloromethane	ug/L	50	48.0	96	60-140	
cis-1,2-Dichloroethene	ug/L	50	46.5	93	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.3	99	60-140	
Dibromochloromethane	ug/L	50	50.7	101	60-140	
Dibromomethane	ug/L	50	49.0	98	60-140	
Dichlorodifluoromethane	ug/L	50	45.6	91	60-140	
Diisopropyl ether	ug/L	50	47.1	94	60-140	
Ethylbenzene	ug/L	50	48.3	97	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.1	96	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.1	100	60-140	
m&p-Xylene	ug/L	100	98.3	98	60-140	
Methyl-tert-butyl ether	ug/L	50	44.3	89	60-140	
Methylene Chloride	ug/L	50	43.5	87	60-140	
n-Butylbenzene	ug/L	50	49.3	99	60-140	
n-Propylbenzene	ug/L	50	47.9	96	60-140	
Naphthalene	ug/L	50	48.8	98	60-140	
o-Xylene	ug/L	50	49.4	99	60-140	
sec-Butylbenzene	ug/L	50	48.4	97	60-140	
Styrene	ug/L	50	51.0	102	60-140	
tert-Butylbenzene	ug/L	50	37.5	75	60-140	
Tetrachloroethene	ug/L	50	49.0	98	60-140	
Toluene	ug/L	50	47.8	96	60-140	
trans-1,2-Dichloroethene	ug/L	50	47.3	95	60-140	
trans-1,3-Dichloropropene	ug/L	50	49.4	99	60-140	
Trichloroethene	ug/L	50	49.0	98	60-140	
Trichlorofluoromethane	ug/L	50	41.4	83	60-140	
Vinyl chloride	ug/L	50	44.5	89	60-140	
1,2-Dichloroethane-d4 (S)	%			87	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			100	70-130	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518610

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3143407 3143408

Parameter	Units	92517052004 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	5000	5000	4450	4560	89	91	60-140	2	
1,1,1-Trichloroethane	ug/L	ND	5000	5000	4140	4150	83	83	60-140	0	
1,1,2,2-Tetrachloroethane	ug/L	ND	5000	5000	4340	4440	87	89	60-140	2	
1,1,2-Trichloroethane	ug/L	ND	5000	5000	4360	4260	87	85	60-140	2	
1,1-Dichloroethane	ug/L	ND	5000	5000	4220	4210	84	84	60-140	0	
1,1-Dichloroethene	ug/L	ND	5000	5000	4090	4140	82	83	60-140	1	
1,1-Dichloropropene	ug/L	ND	5000	5000	4280	4290	86	86	60-140	0	
1,2,3-Trichlorobenzene	ug/L	ND	5000	5000	4170	4150	83	83	60-140	1	
1,2,3-Trichloropropane	ug/L	ND	5000	5000	4250	4200	85	84	60-140	1	
1,2,4-Trichlorobenzene	ug/L	ND	5000	5000	4250	4290	85	86	60-140	1	
1,2,4-Trimethylbenzene	ug/L	2340 ppb	5000	5000	6770	6750	89	88	60-140	0	
1,2-Dibromo-3-chloropropane	ug/L	ND	5000	5000	4060	4170	81	83	60-140	2	
1,2-Dibromoethane (EDB)	ug/L	ND	5000	5000	4320	4340	86	87	60-140	0	
1,2-Dichlorobenzene	ug/L	ND	5000	5000	4510	4390	90	88	60-140	3	
1,2-Dichloroethane	ug/L	ND	5000	5000	3930	3850	79	77	60-140	2	
1,2-Dichloropropane	ug/L	ND	5000	5000	4580	4540	92	91	60-140	1	
1,3,5-Trimethylbenzene	ug/L	ND	5000	5000	5070	4990	101	100	60-140	2	
1,3-Dichlorobenzene	ug/L	ND	5000	5000	4450	4390	89	88	60-140	1	
1,3-Dichloropropane	ug/L	ND	5000	5000	4430	4490	89	90	60-140	1	
1,4-Dichlorobenzene	ug/L	ND	5000	5000	4360	4330	87	87	60-140	1	
2,2-Dichloropropane	ug/L	ND	5000	5000	3530	3460	71	69	60-140	2	
2-Chlorotoluene	ug/L	ND	5000	5000	4540	4430	91	89	60-140	2	
4-Chlorotoluene	ug/L	ND	5000	5000	4470	4320	89	86	60-140	3	
Benzene	ug/L	9100 ppb	5000	5000	13300	13900	84	96	60-140	4	
Bromobenzene	ug/L	ND	5000	5000	4350	4310	87	86	60-140	1	
Bromochloromethane	ug/L	ND	5000	5000	4340	4260	87	85	60-140	2	
Bromodichloromethane	ug/L	ND	5000	5000	4010	3990	80	80	60-140	0	
Bromoform	ug/L	ND	5000	5000	4270	4370	85	87	60-140	2	
Bromomethane	ug/L	ND	5000	5000	4030	4080	81	82	60-140	1	
Carbon tetrachloride	ug/L	ND	5000	5000	4280	4300	86	86	60-140	0	
Chlorobenzene	ug/L	ND	5000	5000	4540	4540	91	91	60-140	0	
Chloroethane	ug/L	ND	5000	5000	4100	4080	82	82	60-140	0	
Chloroform	ug/L	ND	5000	5000	4070	4060	80	80	60-140	0	
Chloromethane	ug/L	ND	5000	5000	3730	3790	75	76	60-140	1	
cis-1,2-Dichloroethene	ug/L	ND	5000	5000	4200	4200	84	84	60-140	0	
cis-1,3-Dichloropropene	ug/L	ND	5000	5000	4250	4270	85	85	60-140	1	
Dibromochloromethane	ug/L	ND	5000	5000	4330	4330	87	87	60-140	0	
Dibromomethane	ug/L	ND	5000	5000	4410	4430	88	89	60-140	1	
Dichlorodifluoromethane	ug/L	ND	5000	5000	2530	2500	51	50	60-140	1	M1
Diisopropyl ether	ug/L	ND	5000	5000	4120	4160	82	82	60-140	1	
Ethylbenzene	ug/L	3250 ppb	5000	5000	7640	7850	88	92	60-140	3	
Hexachloro-1,3-butadiene	ug/L	ND	5000	5000	4290	4290	86	86	60-140	0	
Isopropylbenzene (Cumene)	ug/L	ND	5000	5000	4640	4630	91	91	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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518610

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3143407 3143408

Parameter	Units	92517052004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
m&p-Xylene	ug/L	10300 ppb	10000	10000	19100	19800	88	95	60-140	3	
Methyl-tert-butyl ether	ug/L	7530 ppb	5000	5000	11500	12000	79	89	60-140	4	
Methylene Chloride	ug/L	ND	5000	5000	3920	3880	78	78	60-140	1	
n-Butylbenzene	ug/L	ND	5000	5000	4400	4300	88	86	60-140	2	
n-Propylbenzene	ug/L	ND	5000	5000	4660	4590	93	92	60-140	2	
Naphthalene	ug/L	679 ppb	5000	5000	5070	5080	88	88	60-140	0	
o-Xylene	ug/L	4850 ppb	5000	5000	9350	9670	90	96	60-140	3	
sec-Butylbenzene	ug/L	ND	5000	5000	4470	4410	89	88	60-140	1	
Styrene	ug/L	ND	5000	5000	4810	4830	96	97	60-140	0	
tert-Butylbenzene	ug/L	ND	5000	5000	3570	3520	71	70	60-140	2	
Tetrachloroethene	ug/L	ND	5000	5000	4520	4490	90	90	60-140	1	
Toluene	ug/L	29900 ppb	5000	5000	33700	35800	77	120	60-140	6	
trans-1,2-Dichloroethene	ug/L	ND	5000	5000	4270	4170	85	83	60-140	2	
trans-1,3-Dichloropropene	ug/L	ND	5000	5000	4120	4140	82	83	60-140	1	
Trichloroethene	ug/L	ND	5000	5000	4440	4430	89	89	60-140	0	
Trichlorofluoromethane	ug/L	ND	5000	5000	3710	3650	74	73	60-140	2	
Vinyl chloride	ug/L	ND	5000	5000	3530	3470	71	69	60-140	2	
1,2-Dichloroethane-d4 (S)	%						92	92	70-130		
4-Bromofluorobenzene (S)	%						97	98	70-130		
Toluene-d8 (S)	%						98	99	70-130		

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92518610

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92518610

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92518610001	**13835_AC_RD_2021126**	MADEPV	1613440	MADEP VPH	1613440
92518610001	**13835_AC_RD_2021126**	EPA 3010A	595522	EPA 6010D	595539
92518610001	**13835_AC_RD_2021126**	SM 6200B	596004		

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

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

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

WO#: 92518610

Cor 92518610

Company: Apex Companies

Address:

Billing Information:

Report To: Andrew Street

Copy To:

Email To: Andrew.Street@apexcos.com

Site Collection Info/Address: 13835 Asbury Chapel Rd

Customer Project Name/Number: 2020-21-2448 Incident

State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET

Phone:
Email:

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): Naomi Fretz

Purchase Order #:
Quote #:

DW PWS ID #:
DW Location Code:

Collected By (signature): Naomi Fretz

Turnaround Date Required: ASAP

Immediately Packed on Ice: [ ] Yes [ ] No

Sample Disposal:
[ ] Dispose as appropriate [ ] Return
[ ] Archive: ______
[ ] Hold: ______

Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: ______

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

** 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 Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res Cl	# of Ctns	Analyses			Lab Sample # / Comments
13835.AC.DD.2021126	DW	G	1-26-21	1205				8	X	X	X	92518610 001

Lab Profile/Line:

Lab Sample Receipt Checklist:
- Custody Seals Present/Intact Y N NA (NA circled)
- Custody Signatures Present Y N NA (NA circled)
- Collector Signature Present Y N NA (Y circled)
- Bottles Intact Y N NA (Y)
- Correct Bottles Y N NA (Y)
- Sufficient Volume Y N NA (Y)
- Samples Received on Ice Y N NA (Y)
- VOA - Headspace Acceptable Y N NA (Y)
- USDA Regulated Soils Y N NA (NA circled)
- Samples in Holding Time Y N NA (Y circled)
- Residual Chlorine Present Y N NA (NA circled)
- Cl Strips:
- Sample pH Acceptable Y N NA (Y circled)
- pH Strips: 2238194N
- Sulfide Present Y N NA (NA circled)
- Lead Acetate Strips: ______

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: b.bags

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

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

Lab Tracking #: 2615465

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
- Temp Blank Received: Y (N) NA
- Therm ID#: 92T2C4
- Cooler 1 Temp Upon Receipt: 4.4 oC
- Cooler 1 Therm Corr. Factor: -0.1 oC
- Cooler 1 Corrected Temp: 4.3 oC
- Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Fretz / Apex	1-26-21 1455	SC Pace HVL	1-26-21 14:55

MTJL LAB USE ONLY
- Table #:
- Acctnum:
- Template:
- Prelogin:
- PM:
- PB:

Trip 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#: 92518610**

PM: AMB Due Date: 01/29/21

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						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.

Pace Analytical
www.pacelabs.com

Sample Receiving Non-Conformance Form (NCF)

Date: 1-26-21	Evaluated by: Sample Receiving
Client: Apex Companies	

WO#: 92518610

PM: AMB Due Date: 01/29/21

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:

Analysis not specified on COC

3. Sample integrity issues: check applicable issues below and add details where appropriate:

	Samples: Past holding time		Samples: Condition needs to be brought to lab personnel's attention (details below)		Preservation: Improper
	Samples: Not field filtered		Containers: Broken or compromised		Temperature: not within acceptance criteria (typically 0-6C)
	Samples: Insufficient volume received		Containers: Incorrect		Temperature: Samples arrived frozen
	Samples: Cooler damaged or compromised		Custody Seals: Missing or compromised on samples, trip blanks or coolers		Vials received with improper headspace
	Samples: contain chlorine or sulfides		Packing Material: Insufficient/Improper		Other:

Comments/Details:

4. If Samples not preserved properly and Sample Receiving adjusts pH, add details below:

Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:

5. Client Contact: If client is contacted for any issue listed above, fill in details below:

Client:	Contacted per:	
PM Initials:	Date/Time:	

Client Comments/Instructions:

This is an ongoing project. The requested water analyses are 8200, VPH, and Pb.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

February 02, 2021

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

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92518620

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on January 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 National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92518620

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92518620

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92518620001	**13926A_HC_RD 2021126**	MADEP VPH	ACG	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92518620

Sample: 13926A_HC_RD 2021126 **Lab ID: 92518620001** Collected: 01/26/21 14:00 Received: 01/26/21 14:55 Matrix: Water

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/L	100	1	01/29/21 14:19	01/29/21 14:19		
Aliphatic (C09-C12)	ND	ug/L	100	1	01/29/21 14:19	01/29/21 14:19		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	01/29/21 14:19	01/29/21 14:19	TPHC9C10A	
Total VPH	ND	ug/L	100	1	01/29/21 14:19	01/29/21 14:19	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	103	%	70.0-130	1	01/29/21 14:19	01/29/21 14:19	615-59-8FID	
2,5-Dibromotoluene (PID)	96.5	%	70.0-130	1	01/29/21 14:19	01/29/21 14:19	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	01/28/21 02:28	01/28/21 23:14	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		01/28/21 14:07	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		01/28/21 14:07	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		01/28/21 14:07	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		01/28/21 14:07	75-27-4	
Bromoform	ND	ug/L	0.50	1		01/28/21 14:07	75-25-2	
Bromomethane	ND	ug/L	5.0	1		01/28/21 14:07	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		01/28/21 14:07	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		01/28/21 14:07	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		01/28/21 14:07	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		01/28/21 14:07	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		01/28/21 14:07	108-90-7	
Chloroethane	ND	ug/L	1.0	1		01/28/21 14:07	75-00-3	
Chloroform	ND	ug/L	0.50	1		01/28/21 14:07	67-66-3	
Chloromethane	ND	ug/L	1.0	1		01/28/21 14:07	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		01/28/21 14:07	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		01/28/21 14:07	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		01/28/21 14:07	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		01/28/21 14:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		01/28/21 14:07	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		01/28/21 14:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		01/28/21 14:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		01/28/21 14:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		01/28/21 14:07	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		01/28/21 14:07	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		01/28/21 14:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		01/28/21 14:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		01/28/21 14:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		01/28/21 14:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		01/28/21 14:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		01/28/21 14:07	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		01/28/21 14:07	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		01/28/21 14:07	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92518620

Sample: 13926A_HC_RD 2021126 **Lab ID: 92518620001** Collected: 01/26/21 14:00 Received: 01/26/21 14:55 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		01/28/21 14:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		01/28/21 14:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		01/28/21 14:07	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		01/28/21 14:07	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		01/28/21 14:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		01/28/21 14:07	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		01/28/21 14:07	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		01/28/21 14:07	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		01/28/21 14:07	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		01/28/21 14:07	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		01/28/21 14:07	103-65-1	
Styrene	ND	ug/L	0.50	1		01/28/21 14:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		01/28/21 14:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		01/28/21 14:07	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		01/28/21 14:07	127-18-4	
Toluene	ND	ug/L	0.50	1		01/28/21 14:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		01/28/21 14:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		01/28/21 14:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		01/28/21 14:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		01/28/21 14:07	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		01/28/21 14:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		01/28/21 14:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		01/28/21 14:07	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		01/28/21 14:07	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		01/28/21 14:07	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		01/28/21 14:07	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		01/28/21 14:07	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		01/28/21 14:07	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	93	%	70-130	1		01/28/21 14:07	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130	1		01/28/21 14:07	460-00-4	
Toluene-d8 (S)	99	%	70-130	1		01/28/21 14:07	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518620

QC Batch: 1613440
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92518620001

METHOD BLANK: R3617909-3 Matrix: Water
Associated Lab Samples: 92518620001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	01/29/21 13:13	
Aliphatic (C09-C12)	ug/L	ND	100	01/29/21 13:13	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	01/29/21 13:13	
Total VPH	ug/L	ND	100	01/29/21 13:13	
2,5-Dibromotoluene (FID)	%	98.3	70.0-130	01/29/21 13:13	
2,5-Dibromotoluene (PID)	%	92	70.0-130	01/29/21 13:13	

LABORATORY CONTROL SAMPLE & LCSD: R3617909-1 R3617909-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1280	1300	107	108	70.0-130	1.55	25	
Aliphatic (C09-C12)	ug/L	1400	1420	1430	101	102	70.0-130	0.702	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	166	161	83.0	80.5	70.0-130	3.06	25	
Total VPH	ug/L	2800	2870	2890	103	103	70.0-130	0.694	25	
2,5-Dibromotoluene (FID)	%				111	105	70.0-130			
2,5-Dibromotoluene (PID)	%				104	99.0	70.0-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518620

QC Batch: 595863
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92518620001

METHOD BLANK: 3142766 Matrix: Water
Associated Lab Samples: 92518620001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	01/28/21 22:51	

LABORATORY CONTROL SAMPLE: 3142767

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	495	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3142768 3142769

Parameter	Units	92518394001 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	506	503	101	101	75-125	1	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518620

QC Batch: 596004
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92518620001

METHOD BLANK: 3143405 Matrix: Water
Associated Lab Samples: 92518620001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1,1-Trichloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1,2-Trichloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1-Dichloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,1-Dichloroethene	ug/L	ND	0.50	01/28/21 12:01	
1,1-Dichloropropene	ug/L	ND	0.50	01/28/21 12:01	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	01/28/21 12:01	
1,2,3-Trichloropropane	ug/L	ND	0.50	01/28/21 12:01	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	01/28/21 12:01	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	01/28/21 12:01	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	01/28/21 12:01	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	01/28/21 12:01	
1,2-Dichlorobenzene	ug/L	ND	0.50	01/28/21 12:01	
1,2-Dichloroethane	ug/L	ND	0.50	01/28/21 12:01	
1,2-Dichloropropane	ug/L	ND	0.50	01/28/21 12:01	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	01/28/21 12:01	
1,3-Dichlorobenzene	ug/L	ND	0.50	01/28/21 12:01	
1,3-Dichloropropane	ug/L	ND	0.50	01/28/21 12:01	
1,4-Dichlorobenzene	ug/L	ND	0.50	01/28/21 12:01	
2,2-Dichloropropane	ug/L	ND	0.50	01/28/21 12:01	
2-Chlorotoluene	ug/L	ND	0.50	01/28/21 12:01	
4-Chlorotoluene	ug/L	ND	0.50	01/28/21 12:01	
Benzene	ug/L	ND	0.50	01/28/21 12:01	
Bromobenzene	ug/L	ND	0.50	01/28/21 12:01	
Bromochloromethane	ug/L	ND	0.50	01/28/21 12:01	
Bromodichloromethane	ug/L	ND	0.50	01/28/21 12:01	
Bromoform	ug/L	ND	0.50	01/28/21 12:01	
Bromomethane	ug/L	ND	5.0	01/28/21 12:01	
Carbon tetrachloride	ug/L	ND	0.50	01/28/21 12:01	
Chlorobenzene	ug/L	ND	0.50	01/28/21 12:01	
Chloroethane	ug/L	ND	1.0	01/28/21 12:01	
Chloroform	ug/L	ND	0.50	01/28/21 12:01	
Chloromethane	ug/L	ND	1.0	01/28/21 12:01	
cis-1,2-Dichloroethene	ug/L	ND	0.50	01/28/21 12:01	
cis-1,3-Dichloropropene	ug/L	ND	0.50	01/28/21 12:01	
Dibromochloromethane	ug/L	ND	0.50	01/28/21 12:01	
Dibromomethane	ug/L	ND	0.50	01/28/21 12:01	
Dichlorodifluoromethane	ug/L	ND	0.50	01/28/21 12:01	
Diisopropyl ether	ug/L	ND	0.50	01/28/21 12:01	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518620

METHOD BLANK: 3143405 Matrix: Water
Associated Lab Samples: 92518620001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	01/28/21 12:01	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	01/28/21 12:01	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	01/28/21 12:01	
m&p-Xylene	ug/L	ND	1.0	01/28/21 12:01	
Methyl-tert-butyl ether	ug/L	ND	0.50	01/28/21 12:01	
Methylene Chloride	ug/L	ND	2.0	01/28/21 12:01	
n-Butylbenzene	ug/L	ND	0.50	01/28/21 12:01	
n-Propylbenzene	ug/L	ND	0.50	01/28/21 12:01	
Naphthalene	ug/L	ND	2.0	01/28/21 12:01	
o-Xylene	ug/L	ND	0.50	01/28/21 12:01	
sec-Butylbenzene	ug/L	ND	0.50	01/28/21 12:01	
Styrene	ug/L	ND	0.50	01/28/21 12:01	
tert-Butylbenzene	ug/L	ND	0.50	01/28/21 12:01	
Tetrachloroethene	ug/L	ND	0.50	01/28/21 12:01	
Toluene	ug/L	ND	0.50	01/28/21 12:01	
trans-1,2-Dichloroethene	ug/L	ND	0.50	01/28/21 12:01	
trans-1,3-Dichloropropene	ug/L	ND	0.50	01/28/21 12:01	
Trichloroethene	ug/L	ND	0.50	01/28/21 12:01	
Trichlorofluoromethane	ug/L	ND	1.0	01/28/21 12:01	
Vinyl chloride	ug/L	ND	1.0	01/28/21 12:01	
1,2-Dichloroethane-d4 (S)	%	91	70-130	01/28/21 12:01	
4-Bromofluorobenzene (S)	%	98	70-130	01/28/21 12:01	
Toluene-d8 (S)	%	102	70-130	01/28/21 12:01	

LABORATORY CONTROL SAMPLE: 3143406

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.4	101	60-140	
1,1,1-Trichloroethane	ug/L	50	45.0	90	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.3	99	60-140	
1,1,2-Trichloroethane	ug/L	50	48.8	98	60-140	
1,1-Dichloroethane	ug/L	50	47.0	94	60-140	
1,1-Dichloroethene	ug/L	50	46.7	93	60-140	
1,1-Dichloropropene	ug/L	50	46.9	94	60-140	
1,2,3-Trichlorobenzene	ug/L	50	48.3	97	60-140	
1,2,3-Trichloropropane	ug/L	50	48.8	98	60-140	
1,2,4-Trichlorobenzene	ug/L	50	49.2	98	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.3	97	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	48.7	97	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	48.6	97	60-140	
1,2-Dichlorobenzene	ug/L	50	50.1	100	60-140	
1,2-Dichloroethane	ug/L	50	43.4	87	60-140	
1,2-Dichloropropane	ug/L	50	50.9	102	60-140	
1,3,5-Trimethylbenzene	ug/L	50	48.2	96	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518620

LABORATORY CONTROL SAMPLE: 3143406

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.2	98	60-140	
1,3-Dichloropropane	ug/L	50	48.9	98	60-140	
1,4-Dichlorobenzene	ug/L	50	48.5	97	60-140	
2,2-Dichloropropane	ug/L	50	44.7	89	60-140	
2-Chlorotoluene	ug/L	50	49.3	99	60-140	
4-Chlorotoluene	ug/L	50	48.2	96	60-140	
Benzene	ug/L	50	48.0	96	60-140	
Bromobenzene	ug/L	50	49.2	98	60-140	
Bromochloromethane	ug/L	50	46.8	94	60-140	
Bromodichloromethane	ug/L	50	45.9	92	60-140	
Bromoform	ug/L	50	50.7	101	60-140	
Bromomethane	ug/L	50	45.6	91	60-140	
Carbon tetrachloride	ug/L	50	47.5	95	60-140	
Chlorobenzene	ug/L	50	49.7	99	60-140	
Chloroethane	ug/L	50	44.4	89	60-140	
Chloroform	ug/L	50	44.8	90	60-140	
Chloromethane	ug/L	50	48.0	96	60-140	
cis-1,2-Dichloroethene	ug/L	50	46.5	93	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.3	99	60-140	
Dibromochloromethane	ug/L	50	50.7	101	60-140	
Dibromomethane	ug/L	50	49.0	98	60-140	
Dichlorodifluoromethane	ug/L	50	45.6	91	60-140	
Diisopropyl ether	ug/L	50	47.1	94	60-140	
Ethylbenzene	ug/L	50	48.3	97	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.1	96	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.1	100	60-140	
m&p-Xylene	ug/L	100	98.3	98	60-140	
Methyl-tert-butyl ether	ug/L	50	44.3	89	60-140	
Methylene Chloride	ug/L	50	43.5	87	60-140	
n-Butylbenzene	ug/L	50	49.3	99	60-140	
n-Propylbenzene	ug/L	50	47.9	96	60-140	
Naphthalene	ug/L	50	48.8	98	60-140	
o-Xylene	ug/L	50	49.4	99	60-140	
sec-Butylbenzene	ug/L	50	48.4	97	60-140	
Styrene	ug/L	50	51.0	102	60-140	
tert-Butylbenzene	ug/L	50	37.5	75	60-140	
Tetrachloroethene	ug/L	50	49.0	98	60-140	
Toluene	ug/L	50	47.8	96	60-140	
trans-1,2-Dichloroethene	ug/L	50	47.3	95	60-140	
trans-1,3-Dichloropropene	ug/L	50	49.4	99	60-140	
Trichloroethene	ug/L	50	49.0	98	60-140	
Trichlorofluoromethane	ug/L	50	41.4	83	60-140	
Vinyl chloride	ug/L	50	44.5	89	60-140	
1,2-Dichloroethane-d4 (S)	%			87	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			100	70-130	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518620

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3143407 3143408

Parameter	Units	92517052004 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	5000	5000	4450	4560	89	91	60-140	2	
1,1,1-Trichloroethane	ug/L	ND	5000	5000	4140	4150	83	83	60-140	0	
1,1,2,2-Tetrachloroethane	ug/L	ND	5000	5000	4340	4440	87	89	60-140	2	
1,1,2-Trichloroethane	ug/L	ND	5000	5000	4360	4260	87	85	60-140	2	
1,1-Dichloroethane	ug/L	ND	5000	5000	4220	4210	84	84	60-140	0	
1,1-Dichloroethene	ug/L	ND	5000	5000	4090	4140	82	83	60-140	1	
1,1-Dichloropropene	ug/L	ND	5000	5000	4280	4290	86	86	60-140	0	
1,2,3-Trichlorobenzene	ug/L	ND	5000	5000	4170	4150	83	83	60-140	1	
1,2,3-Trichloropropane	ug/L	ND	5000	5000	4250	4200	85	84	60-140	1	
1,2,4-Trichlorobenzene	ug/L	ND	5000	5000	4250	4290	85	86	60-140	1	
1,2,4-Trimethylbenzene	ug/L	2340 ppb	5000	5000	6770	6750	89	88	60-140	0	
1,2-Dibromo-3-chloropropane	ug/L	ND	5000	5000	4060	4170	81	83	60-140	2	
1,2-Dibromoethane (EDB)	ug/L	ND	5000	5000	4320	4340	86	87	60-140	0	
1,2-Dichlorobenzene	ug/L	ND	5000	5000	4510	4390	90	88	60-140	3	
1,2-Dichloroethane	ug/L	ND	5000	5000	3930	3850	79	77	60-140	2	
1,2-Dichloropropane	ug/L	ND	5000	5000	4580	4540	92	91	60-140	1	
1,3,5-Trimethylbenzene	ug/L	ND	5000	5000	5070	4990	101	100	60-140	2	
1,3-Dichlorobenzene	ug/L	ND	5000	5000	4450	4390	89	88	60-140	1	
1,3-Dichloropropane	ug/L	ND	5000	5000	4430	4490	89	90	60-140	1	
1,4-Dichlorobenzene	ug/L	ND	5000	5000	4360	4330	87	87	60-140	1	
2,2-Dichloropropane	ug/L	ND	5000	5000	3530	3460	71	69	60-140	2	
2-Chlorotoluene	ug/L	ND	5000	5000	4540	4430	91	89	60-140	2	
4-Chlorotoluene	ug/L	ND	5000	5000	4470	4320	89	86	60-140	3	
Benzene	ug/L	9100 ppb	5000	5000	13300	13900	84	96	60-140	4	
Bromobenzene	ug/L	ND	5000	5000	4350	4310	87	86	60-140	1	
Bromochloromethane	ug/L	ND	5000	5000	4340	4260	87	85	60-140	2	
Bromodichloromethane	ug/L	ND	5000	5000	4010	3990	80	80	60-140	0	
Bromoform	ug/L	ND	5000	5000	4270	4370	85	87	60-140	2	
Bromomethane	ug/L	ND	5000	5000	4030	4080	81	82	60-140	1	
Carbon tetrachloride	ug/L	ND	5000	5000	4280	4300	86	86	60-140	0	
Chlorobenzene	ug/L	ND	5000	5000	4540	4540	91	91	60-140	0	
Chloroethane	ug/L	ND	5000	5000	4100	4080	82	82	60-140	0	
Chloroform	ug/L	ND	5000	5000	4070	4060	80	80	60-140	0	
Chloromethane	ug/L	ND	5000	5000	3730	3790	75	76	60-140	1	
cis-1,2-Dichloroethene	ug/L	ND	5000	5000	4200	4200	84	84	60-140	0	
cis-1,3-Dichloropropene	ug/L	ND	5000	5000	4250	4270	85	85	60-140	1	
Dibromochloromethane	ug/L	ND	5000	5000	4330	4330	87	87	60-140	0	
Dibromomethane	ug/L	ND	5000	5000	4410	4430	88	89	60-140	1	
Dichlorodifluoromethane	ug/L	ND	5000	5000	2530	2500	51	50	60-140	1	M1
Diisopropyl ether	ug/L	ND	5000	5000	4120	4160	82	82	60-140	1	
Ethylbenzene	ug/L	3250 ppb	5000	5000	7640	7850	88	92	60-140	3	
Hexachloro-1,3-butadiene	ug/L	ND	5000	5000	4290	4290	86	86	60-140	0	
Isopropylbenzene (Cumene)	ug/L	ND	5000	5000	4640	4630	91	91	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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92518620

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3143407 3143408

Parameter	Units	92517052004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
m&p-Xylene	ug/L	10300 ppb	10000	10000	19100	19800	88	95	60-140	3	
Methyl-tert-butyl ether	ug/L	7530 ppb	5000	5000	11500	12000	79	89	60-140	4	
Methylene Chloride	ug/L	ND	5000	5000	3920	3880	78	78	60-140	1	
n-Butylbenzene	ug/L	ND	5000	5000	4400	4300	88	86	60-140	2	
n-Propylbenzene	ug/L	ND	5000	5000	4660	4590	93	92	60-140	2	
Naphthalene	ug/L	679 ppb	5000	5000	5070	5080	88	88	60-140	0	
o-Xylene	ug/L	4850 ppb	5000	5000	9350	9670	90	96	60-140	3	
sec-Butylbenzene	ug/L	ND	5000	5000	4470	4410	89	88	60-140	1	
Styrene	ug/L	ND	5000	5000	4810	4830	96	97	60-140	0	
tert-Butylbenzene	ug/L	ND	5000	5000	3570	3520	71	70	60-140	2	
Tetrachloroethene	ug/L	ND	5000	5000	4520	4490	90	90	60-140	1	
Toluene	ug/L	29900 ppb	5000	5000	33700	35800	77	120	60-140	6	
trans-1,2-Dichloroethene	ug/L	ND	5000	5000	4270	4170	85	83	60-140	2	
trans-1,3-Dichloropropene	ug/L	ND	5000	5000	4120	4140	82	83	60-140	1	
Trichloroethene	ug/L	ND	5000	5000	4440	4430	89	89	60-140	0	
Trichlorofluoromethane	ug/L	ND	5000	5000	3710	3650	74	73	60-140	2	
Vinyl chloride	ug/L	ND	5000	5000	3530	3470	71	69	60-140	2	
1,2-Dichloroethane-d4 (S)	%						92	92	70-130		
4-Bromofluorobenzene (S)	%						97	98	70-130		
Toluene-d8 (S)	%						98	99	70-130		

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92518620

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.

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92518620

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92518620001	**13926A_HC_RD 2021126**	MADEPV	1613440	MADEP VPH	1613440
92518620001	**13926A_HC_RD 2021126**	EPA 3010A	595863	EPA 6010D	595902
92518620001	**13926A_HC_RD 2021126**	SM 6200B	596004		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

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

WO# : 92518620

92518620

LAB US... Workorder Number or

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: Andrew.Street@apexcos.com
Copy To:	Site Collection Info/Address: 13926A Huntersville Concord Rd
Customer Project Name/Number: 2020-LI-2448 Incident	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Naomi Fretz	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Naomi F	Turnaround Date Required: ASAP Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

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

** 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 Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs 62003	MADEP VPH	Lead	Lab Profile/Line:
13926A_HC-RD_20211126	DW	G	1-26-21	1400				8	X	X	X	92518620 001

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips: 2138190			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: b. bags

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

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

Lab Tracking #: 2615469

Samples received via: FEDEX UPS (Client) Courier Pace Courier

MTJL LAB USE ONLY

Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: 92210604
Cooler 1 Temp Upon Receipt: 6.4 oC
Cooler 1 Therm Corr. Factor: -0.1 oC
Cooler 1 Corrected Temp: 6.3 oC
Comments:

Trip Blank Received: (Y) N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: of:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Fretz / Apex	1-26-21 1455	JC Pace HVL	1-26-21 1455
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

*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#: 92518620

PM: AMB Due Date: 02/02/21

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						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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

February 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.: 92519734

Dear Andrew Street:

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

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519734

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92519734

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92519734001	**Dup-1**	MADEP VPH	ADM	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92519734002	**FB-1**	MADEP VPH	ADM	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92519734003	**Trip Blank**	SM 6200B	SAS	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519734

Sample: Dup-1 **Lab ID: 92519734001** Collected: 02/02/21 00:00 Received: 02/02/21 13:50 Matrix: Water

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/L	100	1	02/05/21 05:04	02/05/21 05:04		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/05/21 05:04	02/05/21 05:04		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/05/21 05:04	02/05/21 05:04	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/05/21 05:04	02/05/21 05:04	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	112	%	70.0-130	1	02/05/21 05:04	02/05/21 05:04	615-59-8FID	
2,5-Dibromotoluene (PID)	89.0	%	70.0-130	1	02/05/21 05:04	02/05/21 05:04	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/03/21 02:07	02/03/21 20:59	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/05/21 17:35	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/05/21 17:35	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/05/21 17:35	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/05/21 17:35	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/05/21 17:35	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/05/21 17:35	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/05/21 17:35	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/05/21 17:35	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/05/21 17:35	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/05/21 17:35	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/05/21 17:35	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/05/21 17:35	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/05/21 17:35	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/05/21 17:35	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/05/21 17:35	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/05/21 17:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/05/21 17:35	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/05/21 17:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/05/21 17:35	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/05/21 17:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/05/21 17:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/05/21 17:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/05/21 17:35	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/05/21 17:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/05/21 17:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/05/21 17:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/05/21 17:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/05/21 17:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/05/21 17:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/05/21 17:35	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/05/21 17:35	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/05/21 17:35	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519734

Sample: Dup-1 **Lab ID: 92519734001** Collected: 02/02/21 00:00 Received: 02/02/21 13:50 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		02/05/21 17:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/05/21 17:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/05/21 17:35	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/05/21 17:35	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/05/21 17:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/05/21 17:35	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/05/21 17:35	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/05/21 17:35	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/05/21 17:35	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/05/21 17:35	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/05/21 17:35	103-65-1	
Styrene	ND	ug/L	0.50	1		02/05/21 17:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/05/21 17:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/05/21 17:35	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/05/21 17:35	127-18-4	
Toluene	ND	ug/L	0.50	1		02/05/21 17:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/05/21 17:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/05/21 17:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/05/21 17:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/05/21 17:35	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/05/21 17:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/05/21 17:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/05/21 17:35	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/05/21 17:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/05/21 17:35	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/05/21 17:35	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/05/21 17:35	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/05/21 17:35	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	77	%	70-130	1		02/05/21 17:35	17060-07-0	
4-Bromofluorobenzene (S)	89	%	70-130	1		02/05/21 17:35	460-00-4	
Toluene-d8 (S)	99	%	70-130	1		02/05/21 17:35	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519734

Sample: FB-1 **Lab ID: 92519734002** Collected: 02/02/21 00:00 Received: 02/02/21 13:50 Matrix: Water

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/L	100	1	02/05/21 00:05	02/05/21 00:05		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/05/21 00:05	02/05/21 00:05		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/05/21 00:05	02/05/21 00:05	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/05/21 00:05	02/05/21 00:05	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	106	%	70.0-130	1	02/05/21 00:05	02/05/21 00:05	615-59-8FID	
2,5-Dibromotoluene (PID)	83.0	%	70.0-130	1	02/05/21 00:05	02/05/21 00:05	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/03/21 02:07	02/03/21 21:02	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/05/21 16:41	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/05/21 16:41	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/05/21 16:41	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/05/21 16:41	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/05/21 16:41	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/05/21 16:41	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/05/21 16:41	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/05/21 16:41	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/05/21 16:41	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/05/21 16:41	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/05/21 16:41	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/05/21 16:41	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/05/21 16:41	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/05/21 16:41	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/05/21 16:41	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/05/21 16:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/05/21 16:41	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/05/21 16:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/05/21 16:41	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/05/21 16:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/05/21 16:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/05/21 16:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/05/21 16:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/05/21 16:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/05/21 16:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/05/21 16:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/05/21 16:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/05/21 16:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/05/21 16:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/05/21 16:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/05/21 16:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/05/21 16:41	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519734

Sample: FB-1 **Lab ID: 92519734002** Collected: 02/02/21 00:00 Received: 02/02/21 13:50 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		02/05/21 16:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/05/21 16:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/05/21 16:41	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/05/21 16:41	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/05/21 16:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/05/21 16:41	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/05/21 16:41	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/05/21 16:41	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/05/21 16:41	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/05/21 16:41	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/05/21 16:41	103-65-1	
Styrene	ND	ug/L	0.50	1		02/05/21 16:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/05/21 16:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/05/21 16:41	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/05/21 16:41	127-18-4	
Toluene	ND	ug/L	0.50	1		02/05/21 16:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/05/21 16:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/05/21 16:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/05/21 16:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/05/21 16:41	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/05/21 16:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/05/21 16:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/05/21 16:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/05/21 16:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/05/21 16:41	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/05/21 16:41	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/05/21 16:41	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/05/21 16:41	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	76	%	70-130	1		02/05/21 16:41	17060-07-0	
4-Bromofluorobenzene (S)	90	%	70-130	1		02/05/21 16:41	460-00-4	
Toluene-d8 (S)	100	%	70-130	1		02/05/21 16:41	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519734

Sample: Trip Blank **Lab ID: 92519734003** Collected: 02/02/21 00:00 Received: 02/02/21 13:50 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		02/05/21 16:59	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/05/21 16:59	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/05/21 16:59	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/05/21 16:59	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/05/21 16:59	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/05/21 16:59	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/05/21 16:59	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/05/21 16:59	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/05/21 16:59	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/05/21 16:59	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/05/21 16:59	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/05/21 16:59	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/05/21 16:59	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/05/21 16:59	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/05/21 16:59	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/05/21 16:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/05/21 16:59	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/05/21 16:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/05/21 16:59	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/05/21 16:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/05/21 16:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/05/21 16:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/05/21 16:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/05/21 16:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/05/21 16:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/05/21 16:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/05/21 16:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/05/21 16:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/05/21 16:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/05/21 16:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/05/21 16:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/05/21 16:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		02/05/21 16:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/05/21 16:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/05/21 16:59	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/05/21 16:59	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/05/21 16:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/05/21 16:59	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/05/21 16:59	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/05/21 16:59	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/05/21 16:59	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/05/21 16:59	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/05/21 16:59	103-65-1	
Styrene	ND	ug/L	0.50	1		02/05/21 16:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/05/21 16:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/05/21 16:59	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519734

Sample: Trip Blank **Lab ID: 92519734003** Collected: 02/02/21 00:00 Received: 02/02/21 13:50 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		02/05/21 16:59	127-18-4	
Toluene	ND	ug/L	0.50	1		02/05/21 16:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/05/21 16:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/05/21 16:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/05/21 16:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/05/21 16:59	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/05/21 16:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/05/21 16:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/05/21 16:59	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/05/21 16:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/05/21 16:59	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/05/21 16:59	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/05/21 16:59	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/05/21 16:59	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	77	%	70-130	1		02/05/21 16:59	17060-07-0	
4-Bromofluorobenzene (S)	88	%	70-130	1		02/05/21 16:59	460-00-4	
Toluene-d8 (S)	99	%	70-130	1		02/05/21 16:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519734

QC Batch: 1616553
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92519734001, 92519734002

METHOD BLANK: R3619711-3 Matrix: Water
Associated Lab Samples: 92519734001, 92519734002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	02/04/21 23:32	
Aliphatic (C09-C12)	ug/L	ND	100	02/04/21 23:32	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	02/04/21 23:32	
Total VPH	ug/L	ND	100	02/04/21 23:32	
2,5-Dibromotoluene (FID)	%	104	70.0-130	02/04/21 23:32	
2,5-Dibromotoluene (PID)	%	81.8	70.0-130	02/04/21 23:32	

LABORATORY CONTROL SAMPLE & LCSD: R3619711-1 R3619711-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1460	1400	122	117	70.0-130	4.20	25	
Aliphatic (C09-C12)	ug/L	1400	1710	1660	122	119	70.0-130	2.97	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	187	182	93.5	91.0	70.0-130	2.71	25	
Total VPH	ug/L	2800	3360	3240	120	116	70.0-130	3.64	25	
2,5-Dibromotoluene (FID)	%				107	106	70.0-130			
2,5-Dibromotoluene (PID)	%				84.4	84.0	70.0-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519734

QC Batch: 597124
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92519734001, 92519734002

METHOD BLANK: 3148990 Matrix: Water
Associated Lab Samples: 92519734001, 92519734002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	02/03/21 20:53	

LABORATORY CONTROL SAMPLE: 3148991

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	495	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3148992 3148993

Parameter	Units	92519782001 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	501	499	100	100	75-125	0	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519734

QC Batch: 597994
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92519734001, 92519734002, 92519734003

METHOD BLANK: 3153258 Matrix: Water
Associated Lab Samples: 92519734001, 92519734002, 92519734003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	02/05/21 12:11	
1,1,1-Trichloroethane	ug/L	ND	0.50	02/05/21 12:11	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	02/05/21 12:11	
1,1,2-Trichloroethane	ug/L	ND	0.50	02/05/21 12:11	
1,1-Dichloroethane	ug/L	ND	0.50	02/05/21 12:11	
1,1-Dichloroethene	ug/L	ND	0.50	02/05/21 12:11	
1,1-Dichloropropene	ug/L	ND	0.50	02/05/21 12:11	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	02/05/21 12:11	
1,2,3-Trichloropropane	ug/L	ND	0.50	02/05/21 12:11	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	02/05/21 12:11	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	02/05/21 12:11	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	02/05/21 12:11	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	02/05/21 12:11	
1,2-Dichlorobenzene	ug/L	ND	0.50	02/05/21 12:11	
1,2-Dichloroethane	ug/L	ND	0.50	02/05/21 12:11	
1,2-Dichloropropane	ug/L	ND	0.50	02/05/21 12:11	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	02/05/21 12:11	
1,3-Dichlorobenzene	ug/L	ND	0.50	02/05/21 12:11	
1,3-Dichloropropane	ug/L	ND	0.50	02/05/21 12:11	
1,4-Dichlorobenzene	ug/L	ND	0.50	02/05/21 12:11	
2,2-Dichloropropane	ug/L	ND	0.50	02/05/21 12:11	
2-Chlorotoluene	ug/L	ND	0.50	02/05/21 12:11	
4-Chlorotoluene	ug/L	ND	0.50	02/05/21 12:11	
Benzene	ug/L	ND	0.50	02/05/21 12:11	
Bromobenzene	ug/L	ND	0.50	02/05/21 12:11	
Bromochloromethane	ug/L	ND	0.50	02/05/21 12:11	
Bromodichloromethane	ug/L	ND	0.50	02/05/21 12:11	
Bromoform	ug/L	ND	0.50	02/05/21 12:11	
Bromomethane	ug/L	ND	5.0	02/05/21 12:11	
Carbon tetrachloride	ug/L	ND	0.50	02/05/21 12:11	
Chlorobenzene	ug/L	ND	0.50	02/05/21 12:11	
Chloroethane	ug/L	ND	1.0	02/05/21 12:11	
Chloroform	ug/L	ND	0.50	02/05/21 12:11	
Chloromethane	ug/L	ND	1.0	02/05/21 12:11	
cis-1,2-Dichloroethene	ug/L	ND	0.50	02/05/21 12:11	
cis-1,3-Dichloropropene	ug/L	ND	0.50	02/05/21 12:11	
Dibromochloromethane	ug/L	ND	0.50	02/05/21 12:11	
Dibromomethane	ug/L	ND	0.50	02/05/21 12:11	
Dichlorodifluoromethane	ug/L	ND	0.50	02/05/21 12:11	
Diisopropyl ether	ug/L	ND	0.50	02/05/21 12:11	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519734

METHOD BLANK: 3153258 Matrix: Water
Associated Lab Samples: 92519734001, 92519734002, 92519734003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	02/05/21 12:11	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	02/05/21 12:11	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	02/05/21 12:11	
m&p-Xylene	ug/L	ND	1.0	02/05/21 12:11	
Methyl-tert-butyl ether	ug/L	ND	0.50	02/05/21 12:11	
Methylene Chloride	ug/L	ND	2.0	02/05/21 12:11	
n-Butylbenzene	ug/L	ND	0.50	02/05/21 12:11	
n-Propylbenzene	ug/L	ND	0.50	02/05/21 12:11	
Naphthalene	ug/L	ND	2.0	02/05/21 12:11	
o-Xylene	ug/L	ND	0.50	02/05/21 12:11	
sec-Butylbenzene	ug/L	ND	0.50	02/05/21 12:11	
Styrene	ug/L	ND	0.50	02/05/21 12:11	
tert-Butylbenzene	ug/L	ND	0.50	02/05/21 12:11	
Tetrachloroethene	ug/L	ND	0.50	02/05/21 12:11	
Toluene	ug/L	ND	0.50	02/05/21 12:11	
trans-1,2-Dichloroethene	ug/L	ND	0.50	02/05/21 12:11	
trans-1,3-Dichloropropene	ug/L	ND	0.50	02/05/21 12:11	
Trichloroethene	ug/L	ND	0.50	02/05/21 12:11	
Trichlorofluoromethane	ug/L	ND	1.0	02/05/21 12:11	
Vinyl chloride	ug/L	ND	1.0	02/05/21 12:11	
1,2-Dichloroethane-d4 (S)	%	78	70-130	02/05/21 12:11	
4-Bromofluorobenzene (S)	%	90	70-130	02/05/21 12:11	
Toluene-d8 (S)	%	97	70-130	02/05/21 12:11	

LABORATORY CONTROL SAMPLE: 3153259

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.9	104	60-140	
1,1,1-Trichloroethane	ug/L	50	41.7	83	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.4	99	60-140	
1,1,2-Trichloroethane	ug/L	50	48.7	97	60-140	
1,1-Dichloroethane	ug/L	50	41.6	83	60-140	
1,1-Dichloroethene	ug/L	50	43.6	87	60-140	
1,1-Dichloropropene	ug/L	50	44.6	89	60-140	
1,2,3-Trichlorobenzene	ug/L	50	49.5	99	60-140	
1,2,3-Trichloropropane	ug/L	50	44.7	89	60-140	
1,2,4-Trichlorobenzene	ug/L	50	50.6	101	60-140	
1,2,4-Trimethylbenzene	ug/L	50	42.6	85	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	52.0	104	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	51.5	103	60-140	
1,2-Dichlorobenzene	ug/L	50	48.8	98	60-140	
1,2-Dichloroethane	ug/L	50	38.9	78	60-140	
1,2-Dichloropropane	ug/L	50	44.7	89	60-140	
1,3,5-Trimethylbenzene	ug/L	50	44.8	90	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519734

LABORATORY CONTROL SAMPLE: 3153259

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.6	99	60-140	
1,3-Dichloropropane	ug/L	50	47.5	95	60-140	
1,4-Dichlorobenzene	ug/L	50	49.0	98	60-140	
2,2-Dichloropropane	ug/L	50	45.8	92	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	46.0	92	60-140	
Bromobenzene	ug/L	50	46.7	93	60-140	
Bromochloromethane	ug/L	50	49.1	98	60-140	
Bromodichloromethane	ug/L	50	43.8	88	60-140	
Bromoform	ug/L	50	55.2	110	60-140	
Bromomethane	ug/L	50	33.3	67	60-140	
Carbon tetrachloride	ug/L	50	47.8	96	60-140	
Chlorobenzene	ug/L	50	52.5	105	60-140	
Chloroethane	ug/L	50	30.5	61	60-140	
Chloroform	ug/L	50	40.4	81	60-140	
Chloromethane	ug/L	50	34.8	70	60-140	
cis-1,2-Dichloroethene	ug/L	50	40.7	81	60-140	
cis-1,3-Dichloropropene	ug/L	50	48.7	97	60-140	
Dibromochloromethane	ug/L	50	51.6	103	60-140	
Dibromomethane	ug/L	50	52.1	104	60-140	
Dichlorodifluoromethane	ug/L	50	42.7	85	60-140	
Diisopropyl ether	ug/L	50	39.1	78	60-140	
Ethylbenzene	ug/L	50	47.5	95	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.3	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	49.8	100	60-140	
m&p-Xylene	ug/L	100	91.9	92	60-140	
Methyl-tert-butyl ether	ug/L	50	42.3	85	60-140	
Methylene Chloride	ug/L	50	37.2	74	60-140	
n-Butylbenzene	ug/L	50	46.3	93	60-140	
n-Propylbenzene	ug/L	50	43.4	87	60-140	
Naphthalene	ug/L	50	49.8	100	60-140	
o-Xylene	ug/L	50	50.0	100	60-140	
sec-Butylbenzene	ug/L	50	46.0	92	60-140	
Styrene	ug/L	50	51.9	104	60-140	
tert-Butylbenzene	ug/L	50	39.2	78	60-140	
Tetrachloroethene	ug/L	50	49.4	99	60-140	
Toluene	ug/L	50	46.7	93	60-140	
trans-1,2-Dichloroethene	ug/L	50	43.0	86	60-140	
trans-1,3-Dichloropropene	ug/L	50	47.2	94	60-140	
Trichloroethene	ug/L	50	51.9	104	60-140	
Trichlorofluoromethane	ug/L	50	36.4	73	60-140	
Vinyl chloride	ug/L	50	37.6	75	60-140	
1,2-Dichloroethane-d4 (S)	%			75	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	
Toluene-d8 (S)	%			97	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519734

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3153260 3153261

Parameter	Units	92520197001 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	10000	10000	11600	11100	116	111	60-140	4	
1,1,1-Trichloroethane	ug/L	ND	10000	10000	9880	9160	99	92	60-140	8	
1,1,2,2-Tetrachloroethane	ug/L	ND	10000	10000	10400	10100	104	101	60-140	3	
1,1,2-Trichloroethane	ug/L	ND	10000	10000	10700	10400	107	104	60-140	3	
1,1-Dichloroethane	ug/L	ND	10000	10000	9290	8830	93	88	60-140	5	
1,1-Dichloroethene	ug/L	ND	10000	10000	10100	9940	101	99	60-140	2	
1,1-Dichloropropene	ug/L	ND	10000	10000	10100	9620	101	96	60-140	5	
1,2,3-Trichlorobenzene	ug/L	ND	10000	10000	10000	10700	100	107	60-140	6	
1,2,3-Trichloropropane	ug/L	ND	10000	10000	9610	9750	96	97	60-140	1	
1,2,4-Trichlorobenzene	ug/L	ND	10000	10000	10500	10600	105	106	60-140	1	
1,2,4-Trimethylbenzene	ug/L	4130	10000	10000	14000	13200	99	91	60-140	6	
1,2-Dibromo-3-chloropropane	ug/L	ND	10000	10000	10500	10400	105	104	60-140	1	
1,2-Dibromoethane (EDB)	ug/L	ND	10000	10000	11200	10400	112	104	60-140	7	
1,2-Dichlorobenzene	ug/L	ND	10000	10000	10800	10300	108	103	60-140	4	
1,2-Dichloroethane	ug/L	ND	10000	10000	8490	8280	85	83	60-140	3	
1,2-Dichloropropane	ug/L	ND	10000	10000	10200	9560	102	96	60-140	7	
1,3,5-Trimethylbenzene	ug/L	ND	10000	10000	11700	10700	117	107	60-140	9	
1,3-Dichlorobenzene	ug/L	ND	10000	10000	11100	10700	111	107	60-140	4	
1,3-Dichloropropane	ug/L	ND	10000	10000	10500	9880	105	99	60-140	6	
1,4-Dichlorobenzene	ug/L	ND	10000	10000	10900	10300	109	103	60-140	6	
2,2-Dichloropropane	ug/L	ND	10000	10000	9840	9250	98	92	60-140	6	
2-Chlorotoluene	ug/L	ND	10000	10000	10200	9920	102	99	60-140	3	
4-Chlorotoluene	ug/L	ND	10000	10000	10100	9440	101	94	60-140	7	
Benzene	ug/L	ND	10000	10000	11100	10300	109	100	60-140	8	
Bromobenzene	ug/L	ND	10000	10000	10600	10100	106	101	60-140	5	
Bromochloromethane	ug/L	ND	10000	10000	10800	10200	108	102	60-140	6	
Bromodichloromethane	ug/L	ND	10000	10000	9810	9160	98	92	60-140	7	
Bromoform	ug/L	ND	10000	10000	11200	11100	112	111	60-140	1	
Bromomethane	ug/L	ND	10000	10000	4930	6170	49	62	60-140	22	M1
Carbon tetrachloride	ug/L	ND	10000	10000	11400	10400	114	104	60-140	9	
Chlorobenzene	ug/L	ND	10000	10000	11800	11200	118	112	60-140	5	
Chloroethane	ug/L	ND	10000	10000	9340	8160	93	82	60-140	14	
Chloroform	ug/L	ND	10000	10000	9150	9020	91	90	60-140	1	
Chloromethane	ug/L	ND	10000	10000	6930	6960	69	70	60-140	0	
cis-1,2-Dichloroethene	ug/L	ND	10000	10000	9010	8560	90	86	60-140	5	
cis-1,3-Dichloropropene	ug/L	ND	10000	10000	10700	10300	107	103	60-140	3	
Dibromochloromethane	ug/L	ND	10000	10000	11100	10400	111	104	60-140	7	
Dibromomethane	ug/L	ND	10000	10000	11400	11100	114	111	60-140	3	
Dichlorodifluoromethane	ug/L	ND	10000	10000	8800	8300	88	83	60-140	6	
Diisopropyl ether	ug/L	ND	10000	10000	8380	8120	84	81	60-140	3	
Ethylbenzene	ug/L	3980	10000	10000	15100	14400	111	104	60-140	5	
Hexachloro-1,3-butadiene	ug/L	ND	10000	10000	11500	10900	115	109	60-140	6	
Isopropylbenzene (Cumene)	ug/L	ND	10000	10000	11400	10900	114	109	60-140	4	
m&p-Xylene	ug/L	11900	20000	20000	33800	32000	109	100	60-140	6	
Methyl-tert-butyl ether	ug/L	ND	10000	10000	8850	8680	89	87	60-140	2	
Methylene Chloride	ug/L	ND	10000	10000	8100	7750	81	77	60-140	5	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519734

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3153260 3153261

Parameter	Units	92520197001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
n-Butylbenzene	ug/L	ND	10000	10000	10400	10100	104	101	60-140	2	
n-Propylbenzene	ug/L	ND	10000	10000	10500	9880	105	99	60-140	7	
Naphthalene	ug/L	2730	10000	10000	11100	11700	84	89	60-140	5	
o-Xylene	ug/L	5710	10000	10000	16900	16400	112	106	60-140	4	
sec-Butylbenzene	ug/L	ND	10000	10000	10600	10100	106	101	60-140	5	
Styrene	ug/L	ND	10000	10000	11400	11000	114	110	60-140	3	
tert-Butylbenzene	ug/L	ND	10000	10000	9180	8570	92	86	60-140	7	
Tetrachloroethene	ug/L	ND	10000	10000	11400	10900	114	109	60-140	5	
Toluene	ug/L	93800	10000	10000	109000	105000	153	112	60-140	4	E,M1
trans-1,2-Dichloroethene	ug/L	ND	10000	10000	9660	9050	97	90	60-140	7	
trans-1,3-Dichloropropene	ug/L	ND	10000	10000	10200	9680	102	97	60-140	5	
Trichloroethene	ug/L	ND	10000	10000	12200	11300	122	113	60-140	7	
Trichlorofluoromethane	ug/L	ND	10000	10000	9650	9030	96	90	60-140	7	
Vinyl chloride	ug/L	ND	10000	10000	8510	8000	85	80	60-140	6	
1,2-Dichloroethane-d4 (S)	%						76	78	70-130		
4-Bromofluorobenzene (S)	%						93	94	70-130		
Toluene-d8 (S)	%						100	97	70-130		

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519734

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

E	Analyte concentration exceeded the calibration range. The reported result is estimated.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92519734

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92519734001	**Dup-1**	MADEPV	1616553	MADEP VPH	1616553
92519734002	**FB-1**	MADEPV	1616553	MADEP VPH	1616553
92519734001	**Dup-1**	EPA 3010A	597124	EPA 6010D	597135
92519734002	**FB-1**	EPA 3010A	597124	EPA 6010D	597135
92519734001	**Dup-1**	SM 6200B	597994		
92519734002	**FB-1**	SM 6200B	597994		
92519734003	**Trip Blank**	SM 6200B	597994		

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

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

WO# : 92519734

92519734

ace Workorder Number or

USE ONLY

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: Andrew.Street@apexcos.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: 2020-21-2448 Incident	State: NC County/City: Huntersville Time Zone Collected: [ ]PT [ ]MT [ ]CT [ ]ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Naomi Frets	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Naomi Frets	Turnaround Date Required: ASAP Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

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

** 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 Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs 62008	MADEP VPH	Lead								Lab Profile/Line:
Dup-1	DW	G	2-2-21	-				8	X	X	X								001
FB-1	OT	G	↓	-				8	X	X	X								002
Trip Blank	OT	-	↓	-				2	X										

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips: 223817AV	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

92519734

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: bubbags

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

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

Lab Tracking #: 2561061

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: T20064
Cooler 1 Temp Upon Receipt: 4.3 oC
Cooler 1 Therm Corr. Factor: -0.1 oC
Cooler 1 Corrected Temp: 4.2 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Frets / Apex	2-2-21 1350	MDL Pace HVL	2-2-21 13:50
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip 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#: 92519734**

PM: AMB Due Date: 02/09/21

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						1										7													
2						1										7													
3																0													
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 besent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

February 12, 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.: 92519739

Dear Andrew Street:

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

A revised report is being submitted on 2/12/21 to revise the sample ID formatting.

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519739

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92519739

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92519739001	**14401_HC_RD_20210202**	MADEP VPH	ADM	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519739

Sample: 14401_HC_RD_20210202 **Lab ID: 92519739001** Collected: 02/02/21 09:30 Received: 02/02/21 13:50 Matrix: Water

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/L	100	1	02/05/21 03:24	02/05/21 03:24		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/05/21 03:24	02/05/21 03:24		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/05/21 03:24	02/05/21 03:24	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/05/21 03:24	02/05/21 03:24	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	107	%	70.0-130	1	02/05/21 03:24	02/05/21 03:24	615-59-8FID	
2,5-Dibromotoluene (PID)	84.1	%	70.0-130	1	02/05/21 03:24	02/05/21 03:24	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/03/21 02:07	02/03/21 21:06	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/08/21 20:02	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/08/21 20:02	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/08/21 20:02	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/08/21 20:02	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/08/21 20:02	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/08/21 20:02	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/08/21 20:02	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/08/21 20:02	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/08/21 20:02	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/08/21 20:02	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/08/21 20:02	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/08/21 20:02	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/08/21 20:02	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/08/21 20:02	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/08/21 20:02	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/08/21 20:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/08/21 20:02	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/08/21 20:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/08/21 20:02	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/08/21 20:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/08/21 20:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/08/21 20:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/08/21 20:02	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/08/21 20:02	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/08/21 20:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/08/21 20:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/08/21 20:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/08/21 20:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/08/21 20:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/08/21 20:02	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/08/21 20:02	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/08/21 20:02	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519739

Sample: 14401_HC_RD_20210202 **Lab ID: 92519739001** Collected: 02/02/21 09:30 Received: 02/02/21 13:50 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		02/08/21 20:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/08/21 20:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/08/21 20:02	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/08/21 20:02	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/08/21 20:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/08/21 20:02	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/08/21 20:02	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/08/21 20:02	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/08/21 20:02	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/08/21 20:02	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/08/21 20:02	103-65-1	
Styrene	ND	ug/L	0.50	1		02/08/21 20:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/08/21 20:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/08/21 20:02	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/08/21 20:02	127-18-4	
Toluene	ND	ug/L	0.50	1		02/08/21 20:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/08/21 20:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/08/21 20:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/08/21 20:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/08/21 20:02	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/08/21 20:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/08/21 20:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/08/21 20:02	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/08/21 20:02	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/08/21 20:02	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/08/21 20:02	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/08/21 20:02	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/08/21 20:02	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	94	%	70-130	1		02/08/21 20:02	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130	1		02/08/21 20:02	460-00-4	
Toluene-d8 (S)	99	%	70-130	1		02/08/21 20:02	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519739

QC Batch: 1616553
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92519739001

METHOD BLANK: R3619711-3 Matrix: Water
Associated Lab Samples: 92519739001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	02/04/21 23:32	
Aliphatic (C09-C12)	ug/L	ND	100	02/04/21 23:32	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	02/04/21 23:32	
Total VPH	ug/L	ND	100	02/04/21 23:32	
2,5-Dibromotoluene (FID)	%	104	70.0-130	02/04/21 23:32	
2,5-Dibromotoluene (PID)	%	81.8	70.0-130	02/04/21 23:32	

LABORATORY CONTROL SAMPLE & LCSD: R3619711-1 R3619711-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1460	1400	122	117	70.0-130	4.20	25	
Aliphatic (C09-C12)	ug/L	1400	1710	1660	122	119	70.0-130	2.97	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	187	182	93.5	91.0	70.0-130	2.71	25	
Total VPH	ug/L	2800	3360	3240	120	116	70.0-130	3.64	25	
2,5-Dibromotoluene (FID)	%				107	106	70.0-130			
2,5-Dibromotoluene (PID)	%				84.4	84.0	70.0-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519739

QC Batch: 597124
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92519739001

METHOD BLANK: 3148990 Matrix: Water
Associated Lab Samples: 92519739001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	02/03/21 20:53	

LABORATORY CONTROL SAMPLE: 3148991

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	495	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3148992 3148993

Parameter	Units	92519782001 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	501	499	100	100	75-125	0	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519739

QC Batch: 598379
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92519739001

METHOD BLANK: 3154880 Matrix: Water
Associated Lab Samples: 92519739001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	02/08/21 12:33	
1,1,1-Trichloroethane	ug/L	ND	0.50	02/08/21 12:33	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	02/08/21 12:33	
1,1,2-Trichloroethane	ug/L	ND	0.50	02/08/21 12:33	
1,1-Dichloroethane	ug/L	ND	0.50	02/08/21 12:33	
1,1-Dichloroethene	ug/L	ND	0.50	02/08/21 12:33	
1,1-Dichloropropene	ug/L	ND	0.50	02/08/21 12:33	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	02/08/21 12:33	
1,2,3-Trichloropropane	ug/L	ND	0.50	02/08/21 12:33	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	02/08/21 12:33	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	02/08/21 12:33	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	02/08/21 12:33	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	02/08/21 12:33	
1,2-Dichlorobenzene	ug/L	ND	0.50	02/08/21 12:33	
1,2-Dichloroethane	ug/L	ND	0.50	02/08/21 12:33	
1,2-Dichloropropane	ug/L	ND	0.50	02/08/21 12:33	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	02/08/21 12:33	
1,3-Dichlorobenzene	ug/L	ND	0.50	02/08/21 12:33	
1,3-Dichloropropane	ug/L	ND	0.50	02/08/21 12:33	
1,4-Dichlorobenzene	ug/L	ND	0.50	02/08/21 12:33	
2,2-Dichloropropane	ug/L	ND	0.50	02/08/21 12:33	
2-Chlorotoluene	ug/L	ND	0.50	02/08/21 12:33	
4-Chlorotoluene	ug/L	ND	0.50	02/08/21 12:33	
Benzene	ug/L	ND	0.50	02/08/21 12:33	
Bromobenzene	ug/L	ND	0.50	02/08/21 12:33	
Bromochloromethane	ug/L	ND	0.50	02/08/21 12:33	
Bromodichloromethane	ug/L	ND	0.50	02/08/21 12:33	
Bromoform	ug/L	ND	0.50	02/08/21 12:33	
Bromomethane	ug/L	ND	5.0	02/08/21 12:33	
Carbon tetrachloride	ug/L	ND	0.50	02/08/21 12:33	
Chlorobenzene	ug/L	ND	0.50	02/08/21 12:33	
Chloroethane	ug/L	ND	1.0	02/08/21 12:33	
Chloroform	ug/L	ND	0.50	02/08/21 12:33	
Chloromethane	ug/L	ND	1.0	02/08/21 12:33	
cis-1,2-Dichloroethene	ug/L	ND	0.50	02/08/21 12:33	
cis-1,3-Dichloropropene	ug/L	ND	0.50	02/08/21 12:33	
Dibromochloromethane	ug/L	ND	0.50	02/08/21 12:33	
Dibromomethane	ug/L	ND	0.50	02/08/21 12:33	
Dichlorodifluoromethane	ug/L	ND	0.50	02/08/21 12:33	
Diisopropyl ether	ug/L	ND	0.50	02/08/21 12:33	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519739

METHOD BLANK: 3154880 Matrix: Water
Associated Lab Samples: 92519739001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	02/08/21 12:33	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	02/08/21 12:33	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	02/08/21 12:33	
m&p-Xylene	ug/L	ND	1.0	02/08/21 12:33	
Methyl-tert-butyl ether	ug/L	ND	0.50	02/08/21 12:33	
Methylene Chloride	ug/L	ND	2.0	02/08/21 12:33	
n-Butylbenzene	ug/L	ND	0.50	02/08/21 12:33	
n-Propylbenzene	ug/L	ND	0.50	02/08/21 12:33	
Naphthalene	ug/L	ND	2.0	02/08/21 12:33	
o-Xylene	ug/L	ND	0.50	02/08/21 12:33	
sec-Butylbenzene	ug/L	ND	0.50	02/08/21 12:33	
Styrene	ug/L	ND	0.50	02/08/21 12:33	
tert-Butylbenzene	ug/L	ND	0.50	02/08/21 12:33	
Tetrachloroethene	ug/L	ND	0.50	02/08/21 12:33	
Toluene	ug/L	ND	0.50	02/08/21 12:33	
trans-1,2-Dichloroethene	ug/L	ND	0.50	02/08/21 12:33	
trans-1,3-Dichloropropene	ug/L	ND	0.50	02/08/21 12:33	
Trichloroethene	ug/L	ND	0.50	02/08/21 12:33	
Trichlorofluoromethane	ug/L	ND	1.0	02/08/21 12:33	
Vinyl chloride	ug/L	ND	1.0	02/08/21 12:33	
1,2-Dichloroethane-d4 (S)	%	100	70-130	02/08/21 12:33	
4-Bromofluorobenzene (S)	%	95	70-130	02/08/21 12:33	
Toluene-d8 (S)	%	101	70-130	02/08/21 12:33	

LABORATORY CONTROL SAMPLE: 3154881

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.2	98	60-140	
1,1,1-Trichloroethane	ug/L	50	45.4	91	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	48.4	97	60-140	
1,1,2-Trichloroethane	ug/L	50	48.2	96	60-140	
1,1-Dichloroethane	ug/L	50	45.5	91	60-140	
1,1-Dichloroethene	ug/L	50	45.9	92	60-140	
1,1-Dichloropropene	ug/L	50	44.6	89	60-140	
1,2,3-Trichlorobenzene	ug/L	50	47.2	94	60-140	
1,2,3-Trichloropropane	ug/L	50	46.4	93	60-140	
1,2,4-Trichlorobenzene	ug/L	50	50.3	101	60-140	
1,2,4-Trimethylbenzene	ug/L	50	47.1	94	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	52.6	105	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	49.5	99	60-140	
1,2-Dichlorobenzene	ug/L	50	47.6	95	60-140	
1,2-Dichloroethane	ug/L	50	41.7	83	60-140	
1,2-Dichloropropane	ug/L	50	47.3	95	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.7	91	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519739

LABORATORY CONTROL SAMPLE: 3154881

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	48.5	97	60-140	
1,4-Dichlorobenzene	ug/L	50	46.4	93	60-140	
2,2-Dichloropropane	ug/L	50	47.4	95	60-140	
2-Chlorotoluene	ug/L	50	47.5	95	60-140	
4-Chlorotoluene	ug/L	50	47.0	94	60-140	
Benzene	ug/L	50	45.5	91	60-140	
Bromobenzene	ug/L	50	46.7	93	60-140	
Bromochloromethane	ug/L	50	46.1	92	60-140	
Bromodichloromethane	ug/L	50	47.7	95	60-140	
Bromoform	ug/L	50	52.1	104	60-140	
Bromomethane	ug/L	50	40.9	82	60-140	
Carbon tetrachloride	ug/L	50	46.4	93	60-140	
Chlorobenzene	ug/L	50	47.8	96	60-140	
Chloroethane	ug/L	50	44.6	89	60-140	
Chloroform	ug/L	50	44.0	88	60-140	
Chloromethane	ug/L	50	40.6	81	60-140	
cis-1,2-Dichloroethene	ug/L	50	44.9	90	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.7	99	60-140	
Dibromochloromethane	ug/L	50	51.4	103	60-140	
Dibromomethane	ug/L	50	47.1	94	60-140	
Dichlorodifluoromethane	ug/L	50	40.1	80	60-140	
Diisopropyl ether	ug/L	50	44.0	88	60-140	
Ethylbenzene	ug/L	50	47.2	94	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.3	97	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.1	96	60-140	
m&p-Xylene	ug/L	100	93.4	93	60-140	
Methyl-tert-butyl ether	ug/L	50	44.9	90	60-140	
Methylene Chloride	ug/L	50	42.7	85	60-140	
n-Butylbenzene	ug/L	50	47.0	94	60-140	
n-Propylbenzene	ug/L	50	45.2	90	60-140	
Naphthalene	ug/L	50	50.5	101	60-140	
o-Xylene	ug/L	50	47.8	96	60-140	
sec-Butylbenzene	ug/L	50	46.7	93	60-140	
Styrene	ug/L	50	47.7	95	60-140	
tert-Butylbenzene	ug/L	50	39.3	79	60-140	
Tetrachloroethene	ug/L	50	47.7	95	60-140	
Toluene	ug/L	50	45.3	91	60-140	
trans-1,2-Dichloroethene	ug/L	50	46.7	93	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.4	97	60-140	
Trichloroethene	ug/L	50	46.7	93	60-140	
Trichlorofluoromethane	ug/L	50	41.8	84	60-140	
Vinyl chloride	ug/L	50	42.8	86	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			98	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519739

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3155953 3155954

Parameter	Units	92519756001 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	21.9	21.7	109	109	60-140	1	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.5	21.2	103	106	60-140	3	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.4	20.5	102	102	60-140	0	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.8	21.9	104	110	60-140	5	
1,1-Dichloroethane	ug/L	ND	20	20	20.9	21.1	105	105	60-140	1	
1,1-Dichloroethene	ug/L	ND	20	20	21.7	22.0	109	110	60-140	2	
1,1-Dichloropropene	ug/L	ND	20	20	20.9	21.8	104	109	60-140	4	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.8	20.8	109	104	60-140	4	
1,2,3-Trichloropropane	ug/L	ND	20	20	20.8	19.8	104	99	60-140	5	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	22.8	21.8	114	109	60-140	5	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.4	21.0	102	105	60-140	3	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	22.0	21.6	110	108	60-140	2	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	21.9	21.5	110	108	60-140	2	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.4	20.4	102	102	60-140	0	
1,2-Dichloroethane	ug/L	ND	20	20	18.5	18.4	93	92	60-140	1	
1,2-Dichloropropane	ug/L	ND	20	20	20.8	21.8	104	109	60-140	5	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.9	20.9	105	105	60-140	0	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.9	20.8	105	104	60-140	1	
1,3-Dichloropropane	ug/L	ND	20	20	21.5	20.7	107	104	60-140	4	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.6	20.8	103	104	60-140	1	
2,2-Dichloropropane	ug/L	ND	20	20	22.3	22.3	112	112	60-140	0	
2-Chlorotoluene	ug/L	ND	20	20	21.2	21.0	106	105	60-140	1	
4-Chlorotoluene	ug/L	ND	20	20	20.6	20.9	103	104	60-140	1	
Benzene	ug/L	ND	20	20	21.2	21.9	106	109	60-140	3	
Bromobenzene	ug/L	ND	20	20	21.5	21.5	108	108	60-140	0	
Bromochloromethane	ug/L	ND	20	20	20.9	21.5	104	107	60-140	3	
Bromodichloromethane	ug/L	ND	20	20	21.4	21.4	107	107	60-140	0	
Bromoform	ug/L	ND	20	20	21.5	21.6	108	108	60-140	0	
Bromomethane	ug/L	ND	20	20	21.7	24.5	109	123	60-140	12	
Carbon tetrachloride	ug/L	ND	20	20	21.9	22.2	109	111	60-140	2	
Chlorobenzene	ug/L	ND	20	20	21.4	21.5	107	107	60-140	0	
Chloroethane	ug/L	ND	20	20	20.3	23.3	101	117	60-140	14	
Chloroform	ug/L	ND	20	20	20.4	21.3	102	106	60-140	4	
Chloromethane	ug/L	ND	20	20	21.7	21.4	109	107	60-140	2	
cis-1,2-Dichloroethene	ug/L	ND	20	20	20.7	20.9	103	105	60-140	1	
cis-1,3-Dichloropropene	ug/L	ND	20	20	22.4	23.1	112	115	60-140	3	
Dibromochloromethane	ug/L	ND	20	20	21.9	21.9	110	110	60-140	0	
Dibromomethane	ug/L	ND	20	20	21.6	21.5	108	107	60-140	1	
Dichlorodifluoromethane	ug/L	ND	20	20	23.3	23.6	116	118	60-140	1	
Diisopropyl ether	ug/L	ND	20	20	18.9	19.1	94	96	60-140	1	
Ethylbenzene	ug/L	ND	20	20	21.3	21.5	107	108	60-140	1	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	23.5	23.3	117	116	60-140	1	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	21.5	21.8	107	109	60-140	1	
m&p-Xylene	ug/L	ND	40	40	42.2	41.9	106	105	60-140	1	
Methyl-tert-butyl ether	ug/L	ND	20	20	19.4	19.9	97	100	60-140	3	
Methylene Chloride	ug/L	ND	20	20	19.8	20.0	99	100	60-140	1	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519739

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3155953 3155954

Parameter	Units	92519756001 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	20.9	21.1	104	105	60-140	1	
n-Propylbenzene	ug/L	ND	20	20	20.5	20.8	103	104	60-140	1	
Naphthalene	ug/L	ND	20	20	22.6	20.2	113	101	60-140	12	
o-Xylene	ug/L	ND	20	20	21.3	21.5	106	107	60-140	1	
sec-Butylbenzene	ug/L	ND	20	20	21.4	21.4	107	107	60-140	0	
Styrene	ug/L	ND	20	20	20.6	20.9	103	104	60-140	1	
tert-Butylbenzene	ug/L	ND	20	20	18.3	18.3	92	92	60-140	0	
Tetrachloroethene	ug/L	ND	20	20	21.1	22.2	105	111	60-140	5	
Toluene	ug/L	ND	20	20	20.8	21.5	104	107	60-140	3	
trans-1,2-Dichloroethene	ug/L	ND	20	20	21.2	22.1	106	111	60-140	4	
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.9	21.8	109	109	60-140	0	
Trichloroethene	ug/L	ND	20	20	22.2	22.0	111	110	60-140	1	
Trichlorofluoromethane	ug/L	ND	20	20	22.2	22.8	111	114	60-140	3	
Vinyl chloride	ug/L	ND	20	20	21.3	22.3	106	112	60-140	5	
1,2-Dichloroethane-d4 (S)	%						94	99	70-130		
4-Bromofluorobenzene (S)	%						98	99	70-130		
Toluene-d8 (S)	%						99	100	70-130		

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519739

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92519739

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92519739001	**14401_HC_RD_20210202**	MADEPV	1616553	MADEP VPH	1616553
92519739001	**14401_HC_RD_20210202**	EPA 3010A	597124	EPA 6010D	597135
92519739001	**14401_HC_RD_20210202**	SM 6200B	598379		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

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

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

WO# : 92519739

92519739

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: AndrewStreet@apexcos.com
Copy To:	Site Collection Info/Address: 14401 Huntersville Concord Rd
Customer Project Name/Number: 2020-LI-2448 Incident	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Naomi Fretz	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Naomi Fretz	Turnaround Date Required: ASAP Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

** Preservative (1) hydrochloric acid, (2) sulfuric acid, (3) nitric 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

* 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	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs 6200B	MADEP VPH	Lead	Lab Sample # / Comments
14401-HC-RD-20211122	DW	G	11-22-21	0930				8	X	X	X	92519739 001

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips: 223619JV	
Sulfide Present	Y N NA
Lead Acetate Strips:	

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: b-bags

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

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

Lab Tracking #: 2561062

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#: T200W4

Cooler 1 Temp Upon Receipt: 4.9 oC

Cooler 1 Therm Corr. Factor: -0.1 oC

Cooler 1 Corrected Temp: 4.8 oC

Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Fretz / Apex	2-2-21 1350	MDG Pace HV	12-2-21 13:50
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip 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#: 92519739**

PM: AMB Due Date: 02/09/21

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)	SPST-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1						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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

February 12, 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.: 92519742

Dear Andrew Street:

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

A revised report is being submitted on 2/12/21 to revise the sample ID formatting.

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519742

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92519742

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92519742001	**13926B_HC_RD_20210202**	MADEP VPH	ADM	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519742

Sample: 13926B_HC_RD_20210202 **Lab ID: 92519742001** Collected: 02/02/21 12:05 Received: 02/02/21 13:50 Matrix: Water

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/L	100	1	02/05/21 01:44	02/05/21 01:44		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/05/21 01:44	02/05/21 01:44		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/05/21 01:44	02/05/21 01:44	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/05/21 01:44	02/05/21 01:44	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	110	%	70.0-130	1	02/05/21 01:44	02/05/21 01:44	615-59-8FID	
2,5-Dibromotoluene (PID)	86.3	%	70.0-130	1	02/05/21 01:44	02/05/21 01:44	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/03/21 02:07	02/03/21 21:09	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/08/21 20:20	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/08/21 20:20	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/08/21 20:20	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/08/21 20:20	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/08/21 20:20	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/08/21 20:20	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/08/21 20:20	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/08/21 20:20	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/08/21 20:20	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/08/21 20:20	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/08/21 20:20	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/08/21 20:20	75-00-3	
Chloroform	**9.0**	ug/L	0.50	1		02/08/21 20:20	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/08/21 20:20	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/08/21 20:20	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/08/21 20:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/08/21 20:20	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/08/21 20:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/08/21 20:20	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/08/21 20:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/08/21 20:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/08/21 20:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/08/21 20:20	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/08/21 20:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/08/21 20:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/08/21 20:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/08/21 20:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/08/21 20:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/08/21 20:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/08/21 20:20	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/08/21 20:20	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/08/21 20:20	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519742

Sample: 13926B_HC_RD_20210202 **Lab ID: 92519742001** Collected: 02/02/21 12:05 Received: 02/02/21 13:50 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		02/08/21 20:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/08/21 20:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/08/21 20:20	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/08/21 20:20	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/08/21 20:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/08/21 20:20	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/08/21 20:20	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/08/21 20:20	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/08/21 20:20	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/08/21 20:20	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/08/21 20:20	103-65-1	
Styrene	ND	ug/L	0.50	1		02/08/21 20:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/08/21 20:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/08/21 20:20	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/08/21 20:20	127-18-4	
Toluene	ND	ug/L	0.50	1		02/08/21 20:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/08/21 20:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/08/21 20:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/08/21 20:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/08/21 20:20	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/08/21 20:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/08/21 20:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/08/21 20:20	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/08/21 20:20	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/08/21 20:20	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/08/21 20:20	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/08/21 20:20	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/08/21 20:20	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		02/08/21 20:20	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130	1		02/08/21 20:20	460-00-4	
Toluene-d8 (S)	98	%	70-130	1		02/08/21 20:20	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519742

QC Batch: 1616553
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92519742001

METHOD BLANK: R3619711-3 Matrix: Water
Associated Lab Samples: 92519742001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	02/04/21 23:32	
Aliphatic (C09-C12)	ug/L	ND	100	02/04/21 23:32	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	02/04/21 23:32	
Total VPH	ug/L	ND	100	02/04/21 23:32	
2,5-Dibromotoluene (FID)	%	104	70.0-130	02/04/21 23:32	
2,5-Dibromotoluene (PID)	%	81.8	70.0-130	02/04/21 23:32	

LABORATORY CONTROL SAMPLE & LCSD: R3619711-1 R3619711-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1460	1400	122	117	70.0-130	4.20	25	
Aliphatic (C09-C12)	ug/L	1400	1710	1660	122	119	70.0-130	2.97	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	187	182	93.5	91.0	70.0-130	2.71	25	
Total VPH	ug/L	2800	3360	3240	120	116	70.0-130	3.64	25	
2,5-Dibromotoluene (FID)	%				107	106	70.0-130			
2,5-Dibromotoluene (PID)	%				84.4	84.0	70.0-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519742

QC Batch: 597124
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92519742001

METHOD BLANK: 3148990 Matrix: Water
Associated Lab Samples: 92519742001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	02/03/21 20:53	

LABORATORY CONTROL SAMPLE: 3148991

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	495	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3148992 3148993

Parameter	Units	92519782001 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	501	499	100	100	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.: 92519742

QC Batch: 598379
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92519742001

METHOD BLANK: 3154880 Matrix: Water
Associated Lab Samples: 92519742001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	02/08/21 12:33	
1,1,1-Trichloroethane	ug/L	ND	0.50	02/08/21 12:33	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	02/08/21 12:33	
1,1,2-Trichloroethane	ug/L	ND	0.50	02/08/21 12:33	
1,1-Dichloroethane	ug/L	ND	0.50	02/08/21 12:33	
1,1-Dichloroethene	ug/L	ND	0.50	02/08/21 12:33	
1,1-Dichloropropene	ug/L	ND	0.50	02/08/21 12:33	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	02/08/21 12:33	
1,2,3-Trichloropropane	ug/L	ND	0.50	02/08/21 12:33	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	02/08/21 12:33	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	02/08/21 12:33	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	02/08/21 12:33	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	02/08/21 12:33	
1,2-Dichlorobenzene	ug/L	ND	0.50	02/08/21 12:33	
1,2-Dichloroethane	ug/L	ND	0.50	02/08/21 12:33	
1,2-Dichloropropane	ug/L	ND	0.50	02/08/21 12:33	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	02/08/21 12:33	
1,3-Dichlorobenzene	ug/L	ND	0.50	02/08/21 12:33	
1,3-Dichloropropane	ug/L	ND	0.50	02/08/21 12:33	
1,4-Dichlorobenzene	ug/L	ND	0.50	02/08/21 12:33	
2,2-Dichloropropane	ug/L	ND	0.50	02/08/21 12:33	
2-Chlorotoluene	ug/L	ND	0.50	02/08/21 12:33	
4-Chlorotoluene	ug/L	ND	0.50	02/08/21 12:33	
Benzene	ug/L	ND	0.50	02/08/21 12:33	
Bromobenzene	ug/L	ND	0.50	02/08/21 12:33	
Bromochloromethane	ug/L	ND	0.50	02/08/21 12:33	
Bromodichloromethane	ug/L	ND	0.50	02/08/21 12:33	
Bromoform	ug/L	ND	0.50	02/08/21 12:33	
Bromomethane	ug/L	ND	5.0	02/08/21 12:33	
Carbon tetrachloride	ug/L	ND	0.50	02/08/21 12:33	
Chlorobenzene	ug/L	ND	0.50	02/08/21 12:33	
Chloroethane	ug/L	ND	1.0	02/08/21 12:33	
Chloroform	ug/L	ND	0.50	02/08/21 12:33	
Chloromethane	ug/L	ND	1.0	02/08/21 12:33	
cis-1,2-Dichloroethene	ug/L	ND	0.50	02/08/21 12:33	
cis-1,3-Dichloropropene	ug/L	ND	0.50	02/08/21 12:33	
Dibromochloromethane	ug/L	ND	0.50	02/08/21 12:33	
Dibromomethane	ug/L	ND	0.50	02/08/21 12:33	
Dichlorodifluoromethane	ug/L	ND	0.50	02/08/21 12:33	
Diisopropyl ether	ug/L	ND	0.50	02/08/21 12:33	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519742

METHOD BLANK: 3154880 Matrix: Water
Associated Lab Samples: 92519742001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	02/08/21 12:33	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	02/08/21 12:33	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	02/08/21 12:33	
m&p-Xylene	ug/L	ND	1.0	02/08/21 12:33	
Methyl-tert-butyl ether	ug/L	ND	0.50	02/08/21 12:33	
Methylene Chloride	ug/L	ND	2.0	02/08/21 12:33	
n-Butylbenzene	ug/L	ND	0.50	02/08/21 12:33	
n-Propylbenzene	ug/L	ND	0.50	02/08/21 12:33	
Naphthalene	ug/L	ND	2.0	02/08/21 12:33	
o-Xylene	ug/L	ND	0.50	02/08/21 12:33	
sec-Butylbenzene	ug/L	ND	0.50	02/08/21 12:33	
Styrene	ug/L	ND	0.50	02/08/21 12:33	
tert-Butylbenzene	ug/L	ND	0.50	02/08/21 12:33	
Tetrachloroethene	ug/L	ND	0.50	02/08/21 12:33	
Toluene	ug/L	ND	0.50	02/08/21 12:33	
trans-1,2-Dichloroethene	ug/L	ND	0.50	02/08/21 12:33	
trans-1,3-Dichloropropene	ug/L	ND	0.50	02/08/21 12:33	
Trichloroethene	ug/L	ND	0.50	02/08/21 12:33	
Trichlorofluoromethane	ug/L	ND	1.0	02/08/21 12:33	
Vinyl chloride	ug/L	ND	1.0	02/08/21 12:33	
1,2-Dichloroethane-d4 (S)	%	100	70-130	02/08/21 12:33	
4-Bromofluorobenzene (S)	%	95	70-130	02/08/21 12:33	
Toluene-d8 (S)	%	101	70-130	02/08/21 12:33	

LABORATORY CONTROL SAMPLE: 3154881

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.2	98	60-140	
1,1,1-Trichloroethane	ug/L	50	45.4	91	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	48.4	97	60-140	
1,1,2-Trichloroethane	ug/L	50	48.2	96	60-140	
1,1-Dichloroethane	ug/L	50	45.5	91	60-140	
1,1-Dichloroethene	ug/L	50	45.9	92	60-140	
1,1-Dichloropropene	ug/L	50	44.6	89	60-140	
1,2,3-Trichlorobenzene	ug/L	50	47.2	94	60-140	
1,2,3-Trichloropropane	ug/L	50	46.4	93	60-140	
1,2,4-Trichlorobenzene	ug/L	50	50.3	101	60-140	
1,2,4-Trimethylbenzene	ug/L	50	47.1	94	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	52.6	105	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	49.5	99	60-140	
1,2-Dichlorobenzene	ug/L	50	47.6	95	60-140	
1,2-Dichloroethane	ug/L	50	41.7	83	60-140	
1,2-Dichloropropane	ug/L	50	47.3	95	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.7	91	60-140	

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519742

LABORATORY CONTROL SAMPLE: 3154881

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	48.5	97	60-140	
1,4-Dichlorobenzene	ug/L	50	46.4	93	60-140	
2,2-Dichloropropane	ug/L	50	47.4	95	60-140	
2-Chlorotoluene	ug/L	50	47.5	95	60-140	
4-Chlorotoluene	ug/L	50	47.0	94	60-140	
Benzene	ug/L	50	45.5	91	60-140	
Bromobenzene	ug/L	50	46.7	93	60-140	
Bromochloromethane	ug/L	50	46.1	92	60-140	
Bromodichloromethane	ug/L	50	47.7	95	60-140	
Bromoform	ug/L	50	52.1	104	60-140	
Bromomethane	ug/L	50	40.9	82	60-140	
Carbon tetrachloride	ug/L	50	46.4	93	60-140	
Chlorobenzene	ug/L	50	47.8	96	60-140	
Chloroethane	ug/L	50	44.6	89	60-140	
Chloroform	ug/L	50	44.0	88	60-140	
Chloromethane	ug/L	50	40.6	81	60-140	
cis-1,2-Dichloroethene	ug/L	50	44.9	90	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.7	99	60-140	
Dibromochloromethane	ug/L	50	51.4	103	60-140	
Dibromomethane	ug/L	50	47.1	94	60-140	
Dichlorodifluoromethane	ug/L	50	40.1	80	60-140	
Diisopropyl ether	ug/L	50	44.0	88	60-140	
Ethylbenzene	ug/L	50	47.2	94	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.3	97	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.1	96	60-140	
m&p-Xylene	ug/L	100	93.4	93	60-140	
Methyl-tert-butyl ether	ug/L	50	44.9	90	60-140	
Methylene Chloride	ug/L	50	42.7	85	60-140	
n-Butylbenzene	ug/L	50	47.0	94	60-140	
n-Propylbenzene	ug/L	50	45.2	90	60-140	
Naphthalene	ug/L	50	50.5	101	60-140	
o-Xylene	ug/L	50	47.8	96	60-140	
sec-Butylbenzene	ug/L	50	46.7	93	60-140	
Styrene	ug/L	50	47.7	95	60-140	
tert-Butylbenzene	ug/L	50	39.3	79	60-140	
Tetrachloroethene	ug/L	50	47.7	95	60-140	
Toluene	ug/L	50	45.3	91	60-140	
trans-1,2-Dichloroethene	ug/L	50	46.7	93	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.4	97	60-140	
Trichloroethene	ug/L	50	46.7	93	60-140	
Trichlorofluoromethane	ug/L	50	41.8	84	60-140	
Vinyl chloride	ug/L	50	42.8	86	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			98	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519742

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3155953 3155954

Parameter	Units	92519756001 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	21.9	21.7	109	109	60-140	1	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.5	21.2	103	106	60-140	3	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.4	20.5	102	102	60-140	0	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.8	21.9	104	110	60-140	5	
1,1-Dichloroethane	ug/L	ND	20	20	20.9	21.1	105	105	60-140	1	
1,1-Dichloroethene	ug/L	ND	20	20	21.7	22.0	109	110	60-140	2	
1,1-Dichloropropene	ug/L	ND	20	20	20.9	21.8	104	109	60-140	4	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.8	20.8	109	104	60-140	4	
1,2,3-Trichloropropane	ug/L	ND	20	20	20.8	19.8	104	99	60-140	5	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	22.8	21.8	114	109	60-140	5	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.4	21.0	102	105	60-140	3	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	22.0	21.6	110	108	60-140	2	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	21.9	21.5	110	108	60-140	2	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.4	20.4	102	102	60-140	0	
1,2-Dichloroethane	ug/L	ND	20	20	18.5	18.4	93	92	60-140	1	
1,2-Dichloropropane	ug/L	ND	20	20	20.8	21.8	104	109	60-140	5	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.9	20.9	105	105	60-140	0	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.9	20.8	105	104	60-140	1	
1,3-Dichloropropane	ug/L	ND	20	20	21.5	20.7	107	104	60-140	4	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.6	20.8	103	104	60-140	1	
2,2-Dichloropropane	ug/L	ND	20	20	22.3	22.3	112	112	60-140	0	
2-Chlorotoluene	ug/L	ND	20	20	21.2	21.0	106	105	60-140	1	
4-Chlorotoluene	ug/L	ND	20	20	20.6	20.9	103	104	60-140	1	
Benzene	ug/L	ND	20	20	21.2	21.9	106	109	60-140	3	
Bromobenzene	ug/L	ND	20	20	21.5	21.5	108	108	60-140	0	
Bromochloromethane	ug/L	ND	20	20	20.9	21.5	104	107	60-140	3	
Bromodichloromethane	ug/L	ND	20	20	21.4	21.4	107	107	60-140	0	
Bromoform	ug/L	ND	20	20	21.5	21.6	108	108	60-140	0	
Bromomethane	ug/L	ND	20	20	21.7	24.5	109	123	60-140	12	
Carbon tetrachloride	ug/L	ND	20	20	21.9	22.2	109	111	60-140	2	
Chlorobenzene	ug/L	ND	20	20	21.4	21.5	107	107	60-140	0	
Chloroethane	ug/L	ND	20	20	20.3	23.3	101	117	60-140	14	
Chloroform	ug/L	ND	20	20	20.4	21.3	102	106	60-140	4	
Chloromethane	ug/L	ND	20	20	21.7	21.4	109	107	60-140	2	
cis-1,2-Dichloroethene	ug/L	ND	20	20	20.7	20.9	103	105	60-140	1	
cis-1,3-Dichloropropene	ug/L	ND	20	20	22.4	23.1	112	115	60-140	3	
Dibromochloromethane	ug/L	ND	20	20	21.9	21.9	110	110	60-140	0	
Dibromomethane	ug/L	ND	20	20	21.6	21.5	108	107	60-140	1	
Dichlorodifluoromethane	ug/L	ND	20	20	23.3	23.6	116	118	60-140	1	
Diisopropyl ether	ug/L	ND	20	20	18.9	19.1	94	96	60-140	1	
Ethylbenzene	ug/L	ND	20	20	21.3	21.5	107	108	60-140	1	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	23.5	23.3	117	116	60-140	1	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	21.5	21.8	107	109	60-140	1	
m&p-Xylene	ug/L	ND	40	40	42.2	41.9	106	105	60-140	1	
Methyl-tert-butyl ether	ug/L	ND	20	20	19.4	19.9	97	100	60-140	3	
Methylene Chloride	ug/L	ND	20	20	19.8	20.0	99	100	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.: 92519742

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3155953 3155954

Parameter	Units	92519756001 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	20.9	21.1	104	105	60-140	1	
n-Propylbenzene	ug/L	ND	20	20	20.5	20.8	103	104	60-140	1	
Naphthalene	ug/L	ND	20	20	22.6	20.2	113	101	60-140	12	
o-Xylene	ug/L	ND	20	20	21.3	21.5	106	107	60-140	1	
sec-Butylbenzene	ug/L	ND	20	20	21.4	21.4	107	107	60-140	0	
Styrene	ug/L	ND	20	20	20.6	20.9	103	104	60-140	1	
tert-Butylbenzene	ug/L	ND	20	20	18.3	18.3	92	92	60-140	0	
Tetrachloroethene	ug/L	ND	20	20	21.1	22.2	105	111	60-140	5	
Toluene	ug/L	ND	20	20	20.8	21.5	104	107	60-140	3	
trans-1,2-Dichloroethene	ug/L	ND	20	20	21.2	22.1	106	111	60-140	4	
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.9	21.8	109	109	60-140	0	
Trichloroethene	ug/L	ND	20	20	22.2	22.0	111	110	60-140	1	
Trichlorofluoromethane	ug/L	ND	20	20	22.2	22.8	111	114	60-140	3	
Vinyl chloride	ug/L	ND	20	20	21.3	22.3	106	112	60-140	5	
1,2-Dichloroethane-d4 (S)	%						94	99	70-130		
4-Bromofluorobenzene (S)	%						98	99	70-130		
Toluene-d8 (S)	%						99	100	70-130		

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519742

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92519742

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92519742001	**13926B_HC_RD_20210202**	MADEPV	1616553	MADEP VPH	1616553
92519742001	**13926B_HC_RD_20210202**	EPA 3010A	597124	EPA 6010D	597135
92519742001	**13926B_HC_RD_20210202**	SM 6200B	598379		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

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

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

WO# : 92519742

92519742

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: Andrew.Street@apexcos.com
Copy To:	Site Collection Info/Address: 13926B Huntersville Concord Rd
Customer Project Name/Number: 2020-U-2448 Incident	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Naomi Fretz	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Naomi Fretz	Turnaround Date Required: ASAP Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

** 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

* 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	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs 6200B	MADEP VPH	Lead	Lab Sample # / Comments
13926B_HC_RD_202122	DW	G	2-2-21	1205				8	X	X	X	92519742 001

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	(NA)
Custody Signatures Present	Y	N	NA
Collector Signature Present	(Y)	N	NA
Bottles Intact	(Y)	N	NA
Correct Bottles	(Y)	N	NA
Sufficient Volume	(Y)	N	NA
Samples Received on Ice	(Y)	N	NA
VOA - Headspace Acceptable	(Y)	N	NA
USDA Regulated Soils	Y	N	(NA)
Samples in Holding Time	(Y)	N	NA
Residual Chlorine Present	Y	N	(NA)
Cl Strips:			
Sample pH Acceptable	(Y)	N	NA
pH Strips: 223919AV			
Sulfide Present	Y	N	(NA)
Lead Acetate Strips:			

LAB USE ONLY:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: Bubble

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

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

Lab Tracking #: 2561066

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y (N) NA

Therm ID#: 92120A

Cooler 1 Temp Upon Receipt: 4.9 oC

Cooler 1 Therm Corr. Factor: -0.1 oC

Cooler 1 Corrected Temp: 4.8 oC

Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Fretz / Apex	2-2-21 1350	MDG Pace HC	2-2-21 1350
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip 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# : 92519742**

PM: AMB Due Date: 02/09/21

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						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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

February 12, 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.: 92519752

Dear Andrew Street:

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

A revised report is being submitted on 2/12/21 to revise the sample ID formatting.

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519752

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92519752

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92519752001	**14226_HC_RD_20210202**	MADEP VPH	ADM	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519752

Sample: 14226_HC_RD_20210202 **Lab ID: 92519752001** Collected: 02/02/21 10:40 Received: 02/02/21 13:50 Matrix: Water

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/L	100	1	02/05/21 03:57	02/05/21 03:57		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/05/21 03:57	02/05/21 03:57		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/05/21 03:57	02/05/21 03:57	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/05/21 03:57	02/05/21 03:57	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	111	%	70.0-130	1	02/05/21 03:57	02/05/21 03:57	615-59-8FID	
2,5-Dibromotoluene (PID)	87.4	%	70.0-130	1	02/05/21 03:57	02/05/21 03:57	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/03/21 02:07	02/03/21 21:19	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/08/21 20:38	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/08/21 20:38	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/08/21 20:38	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/08/21 20:38	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/08/21 20:38	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/08/21 20:38	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/08/21 20:38	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/08/21 20:38	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/08/21 20:38	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/08/21 20:38	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/08/21 20:38	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/08/21 20:38	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/08/21 20:38	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/08/21 20:38	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/08/21 20:38	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/08/21 20:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/08/21 20:38	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/08/21 20:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/08/21 20:38	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/08/21 20:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/08/21 20:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/08/21 20:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/08/21 20:38	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/08/21 20:38	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/08/21 20:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/08/21 20:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/08/21 20:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/08/21 20:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/08/21 20:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/08/21 20:38	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/08/21 20:38	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/08/21 20:38	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519752

Sample: 14226_HC_RD_20210202 **Lab ID: 92519752001** Collected: 02/02/21 10:40 Received: 02/02/21 13:50 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		02/08/21 20:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/08/21 20:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/08/21 20:38	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/08/21 20:38	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/08/21 20:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/08/21 20:38	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/08/21 20:38	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/08/21 20:38	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/08/21 20:38	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/08/21 20:38	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/08/21 20:38	103-65-1	
Styrene	ND	ug/L	0.50	1		02/08/21 20:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/08/21 20:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/08/21 20:38	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/08/21 20:38	127-18-4	
Toluene	ND	ug/L	0.50	1		02/08/21 20:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/08/21 20:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/08/21 20:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/08/21 20:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/08/21 20:38	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/08/21 20:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/08/21 20:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/08/21 20:38	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/08/21 20:38	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/08/21 20:38	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/08/21 20:38	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/08/21 20:38	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/08/21 20:38	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	96	%	70-130	1		02/08/21 20:38	17060-07-0	
4-Bromofluorobenzene (S)	93	%	70-130	1		02/08/21 20:38	460-00-4	
Toluene-d8 (S)	100	%	70-130	1		02/08/21 20:38	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519752

QC Batch: 1616553
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92519752001

METHOD BLANK: R3619711-3 Matrix: Water
Associated Lab Samples: 92519752001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	02/04/21 23:32	
Aliphatic (C09-C12)	ug/L	ND	100	02/04/21 23:32	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	02/04/21 23:32	
Total VPH	ug/L	ND	100	02/04/21 23:32	
2,5-Dibromotoluene (FID)	%	104	70.0-130	02/04/21 23:32	
2,5-Dibromotoluene (PID)	%	81.8	70.0-130	02/04/21 23:32	

LABORATORY CONTROL SAMPLE & LCSD: R3619711-1 R3619711-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1460	1400	122	117	70.0-130	4.20	25	
Aliphatic (C09-C12)	ug/L	1400	1710	1660	122	119	70.0-130	2.97	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	187	182	93.5	91.0	70.0-130	2.71	25	
Total VPH	ug/L	2800	3360	3240	120	116	70.0-130	3.64	25	
2,5-Dibromotoluene (FID)	%				107	106	70.0-130			
2,5-Dibromotoluene (PID)	%				84.4	84.0	70.0-130			

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519752

QC Batch: 597124
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92519752001

METHOD BLANK: 3148990 Matrix: Water
Associated Lab Samples: 92519752001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	02/03/21 20:53	

LABORATORY CONTROL SAMPLE: 3148991

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	495	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3148992 3148993

Parameter	Units	92519782001 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	501	499	100	100	75-125	0	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519752

QC Batch: 598379
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92519752001

METHOD BLANK: 3154880 Matrix: Water
Associated Lab Samples: 92519752001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	02/08/21 12:33	
1,1,1-Trichloroethane	ug/L	ND	0.50	02/08/21 12:33	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	02/08/21 12:33	
1,1,2-Trichloroethane	ug/L	ND	0.50	02/08/21 12:33	
1,1-Dichloroethane	ug/L	ND	0.50	02/08/21 12:33	
1,1-Dichloroethene	ug/L	ND	0.50	02/08/21 12:33	
1,1-Dichloropropene	ug/L	ND	0.50	02/08/21 12:33	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	02/08/21 12:33	
1,2,3-Trichloropropane	ug/L	ND	0.50	02/08/21 12:33	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	02/08/21 12:33	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	02/08/21 12:33	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	02/08/21 12:33	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	02/08/21 12:33	
1,2-Dichlorobenzene	ug/L	ND	0.50	02/08/21 12:33	
1,2-Dichloroethane	ug/L	ND	0.50	02/08/21 12:33	
1,2-Dichloropropane	ug/L	ND	0.50	02/08/21 12:33	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	02/08/21 12:33	
1,3-Dichlorobenzene	ug/L	ND	0.50	02/08/21 12:33	
1,3-Dichloropropane	ug/L	ND	0.50	02/08/21 12:33	
1,4-Dichlorobenzene	ug/L	ND	0.50	02/08/21 12:33	
2,2-Dichloropropane	ug/L	ND	0.50	02/08/21 12:33	
2-Chlorotoluene	ug/L	ND	0.50	02/08/21 12:33	
4-Chlorotoluene	ug/L	ND	0.50	02/08/21 12:33	
Benzene	ug/L	ND	0.50	02/08/21 12:33	
Bromobenzene	ug/L	ND	0.50	02/08/21 12:33	
Bromochloromethane	ug/L	ND	0.50	02/08/21 12:33	
Bromodichloromethane	ug/L	ND	0.50	02/08/21 12:33	
Bromoform	ug/L	ND	0.50	02/08/21 12:33	
Bromomethane	ug/L	ND	5.0	02/08/21 12:33	
Carbon tetrachloride	ug/L	ND	0.50	02/08/21 12:33	
Chlorobenzene	ug/L	ND	0.50	02/08/21 12:33	
Chloroethane	ug/L	ND	1.0	02/08/21 12:33	
Chloroform	ug/L	ND	0.50	02/08/21 12:33	
Chloromethane	ug/L	ND	1.0	02/08/21 12:33	
cis-1,2-Dichloroethene	ug/L	ND	0.50	02/08/21 12:33	
cis-1,3-Dichloropropene	ug/L	ND	0.50	02/08/21 12:33	
Dibromochloromethane	ug/L	ND	0.50	02/08/21 12:33	
Dibromomethane	ug/L	ND	0.50	02/08/21 12:33	
Dichlorodifluoromethane	ug/L	ND	0.50	02/08/21 12:33	
Diisopropyl ether	ug/L	ND	0.50	02/08/21 12:33	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519752

METHOD BLANK: 3154880 Matrix: Water
Associated Lab Samples: 92519752001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	02/08/21 12:33	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	02/08/21 12:33	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	02/08/21 12:33	
m&p-Xylene	ug/L	ND	1.0	02/08/21 12:33	
Methyl-tert-butyl ether	ug/L	ND	0.50	02/08/21 12:33	
Methylene Chloride	ug/L	ND	2.0	02/08/21 12:33	
n-Butylbenzene	ug/L	ND	0.50	02/08/21 12:33	
n-Propylbenzene	ug/L	ND	0.50	02/08/21 12:33	
Naphthalene	ug/L	ND	2.0	02/08/21 12:33	
o-Xylene	ug/L	ND	0.50	02/08/21 12:33	
sec-Butylbenzene	ug/L	ND	0.50	02/08/21 12:33	
Styrene	ug/L	ND	0.50	02/08/21 12:33	
tert-Butylbenzene	ug/L	ND	0.50	02/08/21 12:33	
Tetrachloroethene	ug/L	ND	0.50	02/08/21 12:33	
Toluene	ug/L	ND	0.50	02/08/21 12:33	
trans-1,2-Dichloroethene	ug/L	ND	0.50	02/08/21 12:33	
trans-1,3-Dichloropropene	ug/L	ND	0.50	02/08/21 12:33	
Trichloroethene	ug/L	ND	0.50	02/08/21 12:33	
Trichlorofluoromethane	ug/L	ND	1.0	02/08/21 12:33	
Vinyl chloride	ug/L	ND	1.0	02/08/21 12:33	
1,2-Dichloroethane-d4 (S)	%	100	70-130	02/08/21 12:33	
4-Bromofluorobenzene (S)	%	95	70-130	02/08/21 12:33	
Toluene-d8 (S)	%	101	70-130	02/08/21 12:33	

LABORATORY CONTROL SAMPLE: 3154881

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.2	98	60-140	
1,1,1-Trichloroethane	ug/L	50	45.4	91	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	48.4	97	60-140	
1,1,2-Trichloroethane	ug/L	50	48.2	96	60-140	
1,1-Dichloroethane	ug/L	50	45.5	91	60-140	
1,1-Dichloroethene	ug/L	50	45.9	92	60-140	
1,1-Dichloropropene	ug/L	50	44.6	89	60-140	
1,2,3-Trichlorobenzene	ug/L	50	47.2	94	60-140	
1,2,3-Trichloropropane	ug/L	50	46.4	93	60-140	
1,2,4-Trichlorobenzene	ug/L	50	50.3	101	60-140	
1,2,4-Trimethylbenzene	ug/L	50	47.1	94	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	52.6	105	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	49.5	99	60-140	
1,2-Dichlorobenzene	ug/L	50	47.6	95	60-140	
1,2-Dichloroethane	ug/L	50	41.7	83	60-140	
1,2-Dichloropropane	ug/L	50	47.3	95	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.7	91	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519752

LABORATORY CONTROL SAMPLE: 3154881

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	48.5	97	60-140	
1,4-Dichlorobenzene	ug/L	50	46.4	93	60-140	
2,2-Dichloropropane	ug/L	50	47.4	95	60-140	
2-Chlorotoluene	ug/L	50	47.5	95	60-140	
4-Chlorotoluene	ug/L	50	47.0	94	60-140	
Benzene	ug/L	50	45.5	91	60-140	
Bromobenzene	ug/L	50	46.7	93	60-140	
Bromochloromethane	ug/L	50	46.1	92	60-140	
Bromodichloromethane	ug/L	50	47.7	95	60-140	
Bromoform	ug/L	50	52.1	104	60-140	
Bromomethane	ug/L	50	40.9	82	60-140	
Carbon tetrachloride	ug/L	50	46.4	93	60-140	
Chlorobenzene	ug/L	50	47.8	96	60-140	
Chloroethane	ug/L	50	44.6	89	60-140	
Chloroform	ug/L	50	44.0	88	60-140	
Chloromethane	ug/L	50	40.6	81	60-140	
cis-1,2-Dichloroethene	ug/L	50	44.9	90	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.7	99	60-140	
Dibromochloromethane	ug/L	50	51.4	103	60-140	
Dibromomethane	ug/L	50	47.1	94	60-140	
Dichlorodifluoromethane	ug/L	50	40.1	80	60-140	
Diisopropyl ether	ug/L	50	44.0	88	60-140	
Ethylbenzene	ug/L	50	47.2	94	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.3	97	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.1	96	60-140	
m&p-Xylene	ug/L	100	93.4	93	60-140	
Methyl-tert-butyl ether	ug/L	50	44.9	90	60-140	
Methylene Chloride	ug/L	50	42.7	85	60-140	
n-Butylbenzene	ug/L	50	47.0	94	60-140	
n-Propylbenzene	ug/L	50	45.2	90	60-140	
Naphthalene	ug/L	50	50.5	101	60-140	
o-Xylene	ug/L	50	47.8	96	60-140	
sec-Butylbenzene	ug/L	50	46.7	93	60-140	
Styrene	ug/L	50	47.7	95	60-140	
tert-Butylbenzene	ug/L	50	39.3	79	60-140	
Tetrachloroethene	ug/L	50	47.7	95	60-140	
Toluene	ug/L	50	45.3	91	60-140	
trans-1,2-Dichloroethene	ug/L	50	46.7	93	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.4	97	60-140	
Trichloroethene	ug/L	50	46.7	93	60-140	
Trichlorofluoromethane	ug/L	50	41.8	84	60-140	
Vinyl chloride	ug/L	50	42.8	86	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			98	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519752

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3155953 3155954

Parameter	Units	92519756001 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	21.9	21.7	109	109	60-140	1	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.5	21.2	103	106	60-140	3	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.4	20.5	102	102	60-140	0	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.8	21.9	104	110	60-140	5	
1,1-Dichloroethane	ug/L	ND	20	20	20.9	21.1	105	105	60-140	1	
1,1-Dichloroethene	ug/L	ND	20	20	21.7	22.0	109	110	60-140	2	
1,1-Dichloropropene	ug/L	ND	20	20	20.9	21.8	104	109	60-140	4	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.8	20.8	109	104	60-140	4	
1,2,3-Trichloropropane	ug/L	ND	20	20	20.8	19.8	104	99	60-140	5	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	22.8	21.8	114	109	60-140	5	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.4	21.0	102	105	60-140	3	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	22.0	21.6	110	108	60-140	2	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	21.9	21.5	110	108	60-140	2	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.4	20.4	102	102	60-140	0	
1,2-Dichloroethane	ug/L	ND	20	20	18.5	18.4	93	92	60-140	1	
1,2-Dichloropropane	ug/L	ND	20	20	20.8	21.8	104	109	60-140	5	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.9	20.9	105	105	60-140	0	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.9	20.8	105	104	60-140	1	
1,3-Dichloropropane	ug/L	ND	20	20	21.5	20.7	107	104	60-140	4	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.6	20.8	103	104	60-140	1	
2,2-Dichloropropane	ug/L	ND	20	20	22.3	22.3	112	112	60-140	0	
2-Chlorotoluene	ug/L	ND	20	20	21.2	21.0	106	105	60-140	1	
4-Chlorotoluene	ug/L	ND	20	20	20.6	20.9	103	104	60-140	1	
Benzene	ug/L	ND	20	20	21.2	21.9	106	109	60-140	3	
Bromobenzene	ug/L	ND	20	20	21.5	21.5	108	108	60-140	0	
Bromochloromethane	ug/L	ND	20	20	20.9	21.5	104	107	60-140	3	
Bromodichloromethane	ug/L	ND	20	20	21.4	21.4	107	107	60-140	0	
Bromoform	ug/L	ND	20	20	21.5	21.6	108	108	60-140	0	
Bromomethane	ug/L	ND	20	20	21.7	24.5	109	123	60-140	12	
Carbon tetrachloride	ug/L	ND	20	20	21.9	22.2	109	111	60-140	2	
Chlorobenzene	ug/L	ND	20	20	21.4	21.5	107	107	60-140	0	
Chloroethane	ug/L	ND	20	20	20.3	23.3	101	117	60-140	14	
Chloroform	ug/L	ND	20	20	20.4	21.3	102	106	60-140	4	
Chloromethane	ug/L	ND	20	20	21.7	21.4	109	107	60-140	2	
cis-1,2-Dichloroethene	ug/L	ND	20	20	20.7	20.9	103	105	60-140	1	
cis-1,3-Dichloropropene	ug/L	ND	20	20	22.4	23.1	112	115	60-140	3	
Dibromochloromethane	ug/L	ND	20	20	21.9	21.9	110	110	60-140	0	
Dibromomethane	ug/L	ND	20	20	21.6	21.5	108	107	60-140	1	
Dichlorodifluoromethane	ug/L	ND	20	20	23.3	23.6	116	118	60-140	1	
Diisopropyl ether	ug/L	ND	20	20	18.9	19.1	94	96	60-140	1	
Ethylbenzene	ug/L	ND	20	20	21.3	21.5	107	108	60-140	1	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	23.5	23.3	117	116	60-140	1	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	21.5	21.8	107	109	60-140	1	
m&p-Xylene	ug/L	ND	40	40	42.2	41.9	106	105	60-140	1	
Methyl-tert-butyl ether	ug/L	ND	20	20	19.4	19.9	97	100	60-140	3	
Methylene Chloride	ug/L	ND	20	20	19.8	20.0	99	100	60-140	1	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519752

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3155953 3155954

Parameter	Units	92519756001 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	20.9	21.1	104	105	60-140	1	
n-Propylbenzene	ug/L	ND	20	20	20.5	20.8	103	104	60-140	1	
Naphthalene	ug/L	ND	20	20	22.6	20.2	113	101	60-140	12	
o-Xylene	ug/L	ND	20	20	21.3	21.5	106	107	60-140	1	
sec-Butylbenzene	ug/L	ND	20	20	21.4	21.4	107	107	60-140	0	
Styrene	ug/L	ND	20	20	20.6	20.9	103	104	60-140	1	
tert-Butylbenzene	ug/L	ND	20	20	18.3	18.3	92	92	60-140	0	
Tetrachloroethene	ug/L	ND	20	20	21.1	22.2	105	111	60-140	5	
Toluene	ug/L	ND	20	20	20.8	21.5	104	107	60-140	3	
trans-1,2-Dichloroethene	ug/L	ND	20	20	21.2	22.1	106	111	60-140	4	
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.9	21.8	109	109	60-140	0	
Trichloroethene	ug/L	ND	20	20	22.2	22.0	111	110	60-140	1	
Trichlorofluoromethane	ug/L	ND	20	20	22.2	22.8	111	114	60-140	3	
Vinyl chloride	ug/L	ND	20	20	21.3	22.3	106	112	60-140	5	
1,2-Dichloroethane-d4 (S)	%						94	99	70-130		
4-Bromofluorobenzene (S)	%						98	99	70-130		
Toluene-d8 (S)	%						99	100	70-130		

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519752

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92519752

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92519752001	**14226_HC_RD_20210202**	MADEPV	1616553	MADEP VPH	1616553
92519752001	**14226_HC_RD_20210202**	EPA 3010A	597124	EPA 6010D	597135
92519752001	**14226_HC_RD_20210202**	SM 6200B	598379		

Pace Analytical®

CHAIN-OF-CUSTODY Analytical Request Document

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

WO# : 92519752

92519752

LAB USE ONLY

Company: Apex Companies
Address:

Billing Information:

Report To: Andrew Street
Copy To:

Email To: Andrew.Street@apexcos.com
Site Collection Info/Address: 14226 Huntersville Concord Rd

Customer Project Name/Number: 2020-LI-2448 Incident

State: NC / County/City: Huntersville
Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET

Phone:
Email:

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): Naomi Fretz

Purchase Order #:
Quote #:

DW PWS ID #:
DW Location Code:

Collected By (signature): Naomi Fretz

Turnaround Date Required: ASAP

Immediately Packed on Ice: [ ] Yes [ ] No

Sample Disposal:
[ ] Dispose as appropriate [ ] Return
[ ] Archive: ____
[ ] Hold: ____

Rush:
[ ] Same Day [ ] Next Day
[ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day
(Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis: ____

** 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 ____

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res Cl	# of Ctns	Analyses: VOCs 6200B	MADEP VPH	Lead	Lab Profile/Line: Lab Sample # / Comments
14226_HC_DD20210?22	DW	G	2-2-21	1040				8	X	X	X	92519752 001

Lab Sample Receipt Checklist:
- Custody Seals Present/Intact Y N NA (circled NA)
- Custody Signatures Present Y N NA (circled NA)
- Collector Signature Present Y N NA (circled Y)
- Bottles Intact Y N NA (circled Y)
- Correct Bottles Y N NA (circled Y)
- Sufficient Volume Y N NA (circled Y)
- Samples Received on Ice Y N NA (circled Y)
- VOA - Headspace Acceptable Y N NA (circled Y)
- USDA Regulated Soils Y N NA (circled NA)
- Samples in Holding Time Y N NA (circled Y)
- Residual Chlorine Present Y N NA (circled NA)
- Cl Strips: ____
- Sample pH Acceptable Y N NA (circled Y)
- pH Strips: 2258190
- Sulfide Present Y N NA (circled NA)
- Lead Acetate Strips: ____

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet (circled) Blue Dry None

Packing Material Used: bi bags

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

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

Lab Tracking #: 2561063

Samples received via: FEDEX UPS Client (circled) Courier Pace Courier

Lab Sample Temperature Info:
- Temp Blank Received: Y N (circled) NA
- Therm ID#: T1T064
- Cooler 1 Temp Upon Receipt: 4.7 oC
- Cooler 1 Therm Corr. Factor: -0.1 oC
- Cooler 1 Corrected Temp: 4.6 oC
- Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	MTJL LAB USE ONLY
Naomi Fretz / Apex	2-2-21 1350	MD 4 Pace HC	2-2-21 13:50	Table #:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Acctnum: Template: Prelogin:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	PM: PB:

Trip Blank Received: Y N (circled) NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO (circled 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# : 92519752**

PM: AMB Due Date: 02/09/21

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)	SPST-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1						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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

February 12, 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.: 92519756

Dear Andrew Street:

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

A revised report is being submitted on 2/12/21 to revise the sample ID formatting.

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519756

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92519756

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92519756001	**13800_HC_RD_20210202**	MADEP VPH	ADM	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519756

Sample: 13800_HC_RD_20210202 **Lab ID: 92519756001** Collected: 02/02/21 08:10 Received: 02/02/21 13:50 Matrix: Water

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/L	100	1	02/05/21 04:30	02/05/21 04:30		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/05/21 04:30	02/05/21 04:30		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/05/21 04:30	02/05/21 04:30	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/05/21 04:30	02/05/21 04:30	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	110	%	70.0-130	1	02/05/21 04:30	02/05/21 04:30	615-59-8FID	
2,5-Dibromotoluene (PID)	86.7	%	70.0-130	1	02/05/21 04:30	02/05/21 04:30	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/03/21 02:07	02/03/21 21:22	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/08/21 20:56	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/08/21 20:56	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/08/21 20:56	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/08/21 20:56	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/08/21 20:56	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/08/21 20:56	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/08/21 20:56	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/08/21 20:56	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/08/21 20:56	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/08/21 20:56	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/08/21 20:56	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/08/21 20:56	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/08/21 20:56	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/08/21 20:56	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/08/21 20:56	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/08/21 20:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/08/21 20:56	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/08/21 20:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/08/21 20:56	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/08/21 20:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/08/21 20:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/08/21 20:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/08/21 20:56	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/08/21 20:56	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/08/21 20:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/08/21 20:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/08/21 20:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/08/21 20:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/08/21 20:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/08/21 20:56	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/08/21 20:56	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/08/21 20:56	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519756

Sample: 13800_HC_RD_20210202 **Lab ID: 92519756001** Collected: 02/02/21 08:10 Received: 02/02/21 13:50 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		02/08/21 20:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/08/21 20:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/08/21 20:56	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/08/21 20:56	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/08/21 20:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/08/21 20:56	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/08/21 20:56	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/08/21 20:56	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/08/21 20:56	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/08/21 20:56	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/08/21 20:56	103-65-1	
Styrene	ND	ug/L	0.50	1		02/08/21 20:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/08/21 20:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/08/21 20:56	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/08/21 20:56	127-18-4	
Toluene	ND	ug/L	0.50	1		02/08/21 20:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/08/21 20:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/08/21 20:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/08/21 20:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/08/21 20:56	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/08/21 20:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/08/21 20:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/08/21 20:56	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/08/21 20:56	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/08/21 20:56	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/08/21 20:56	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/08/21 20:56	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/08/21 20:56	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		02/08/21 20:56	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130	1		02/08/21 20:56	460-00-4	
Toluene-d8 (S)	98	%	70-130	1		02/08/21 20:56	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519756

QC Batch: 1616553
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92519756001

METHOD BLANK: R3619711-3 Matrix: Water
Associated Lab Samples: 92519756001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	02/04/21 23:32	
Aliphatic (C09-C12)	ug/L	ND	100	02/04/21 23:32	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	02/04/21 23:32	
Total VPH	ug/L	ND	100	02/04/21 23:32	
2,5-Dibromotoluene (FID)	%	104	70.0-130	02/04/21 23:32	
2,5-Dibromotoluene (PID)	%	81.8	70.0-130	02/04/21 23:32	

LABORATORY CONTROL SAMPLE & LCSD: R3619711-1 R3619711-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1460	1400	122	117	70.0-130	4.20	25	
Aliphatic (C09-C12)	ug/L	1400	1710	1660	122	119	70.0-130	2.97	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	187	182	93.5	91.0	70.0-130	2.71	25	
Total VPH	ug/L	2800	3360	3240	120	116	70.0-130	3.64	25	
2,5-Dibromotoluene (FID)	%				107	106	70.0-130			
2,5-Dibromotoluene (PID)	%				84.4	84.0	70.0-130			

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519756

QC Batch: 597124
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92519756001

METHOD BLANK: 3148990 Matrix: Water
Associated Lab Samples: 92519756001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	02/03/21 20:53	

LABORATORY CONTROL SAMPLE: 3148991

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	495	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3148992 3148993

Parameter	Units	92519782001 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	501	499	100	100	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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519756

QC Batch: 598379
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92519756001

METHOD BLANK: 3154880 Matrix: Water
Associated Lab Samples: 92519756001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	02/08/21 12:33	
1,1,1-Trichloroethane	ug/L	ND	0.50	02/08/21 12:33	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	02/08/21 12:33	
1,1,2-Trichloroethane	ug/L	ND	0.50	02/08/21 12:33	
1,1-Dichloroethane	ug/L	ND	0.50	02/08/21 12:33	
1,1-Dichloroethene	ug/L	ND	0.50	02/08/21 12:33	
1,1-Dichloropropene	ug/L	ND	0.50	02/08/21 12:33	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	02/08/21 12:33	
1,2,3-Trichloropropane	ug/L	ND	0.50	02/08/21 12:33	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	02/08/21 12:33	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	02/08/21 12:33	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	02/08/21 12:33	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	02/08/21 12:33	
1,2-Dichlorobenzene	ug/L	ND	0.50	02/08/21 12:33	
1,2-Dichloroethane	ug/L	ND	0.50	02/08/21 12:33	
1,2-Dichloropropane	ug/L	ND	0.50	02/08/21 12:33	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	02/08/21 12:33	
1,3-Dichlorobenzene	ug/L	ND	0.50	02/08/21 12:33	
1,3-Dichloropropane	ug/L	ND	0.50	02/08/21 12:33	
1,4-Dichlorobenzene	ug/L	ND	0.50	02/08/21 12:33	
2,2-Dichloropropane	ug/L	ND	0.50	02/08/21 12:33	
2-Chlorotoluene	ug/L	ND	0.50	02/08/21 12:33	
4-Chlorotoluene	ug/L	ND	0.50	02/08/21 12:33	
Benzene	ug/L	ND	0.50	02/08/21 12:33	
Bromobenzene	ug/L	ND	0.50	02/08/21 12:33	
Bromochloromethane	ug/L	ND	0.50	02/08/21 12:33	
Bromodichloromethane	ug/L	ND	0.50	02/08/21 12:33	
Bromoform	ug/L	ND	0.50	02/08/21 12:33	
Bromomethane	ug/L	ND	5.0	02/08/21 12:33	
Carbon tetrachloride	ug/L	ND	0.50	02/08/21 12:33	
Chlorobenzene	ug/L	ND	0.50	02/08/21 12:33	
Chloroethane	ug/L	ND	1.0	02/08/21 12:33	
Chloroform	ug/L	ND	0.50	02/08/21 12:33	
Chloromethane	ug/L	ND	1.0	02/08/21 12:33	
cis-1,2-Dichloroethene	ug/L	ND	0.50	02/08/21 12:33	
cis-1,3-Dichloropropene	ug/L	ND	0.50	02/08/21 12:33	
Dibromochloromethane	ug/L	ND	0.50	02/08/21 12:33	
Dibromomethane	ug/L	ND	0.50	02/08/21 12:33	
Dichlorodifluoromethane	ug/L	ND	0.50	02/08/21 12:33	
Diisopropyl ether	ug/L	ND	0.50	02/08/21 12:33	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519756

METHOD BLANK: 3154880 Matrix: Water
Associated Lab Samples: 92519756001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	02/08/21 12:33	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	02/08/21 12:33	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	02/08/21 12:33	
m&p-Xylene	ug/L	ND	1.0	02/08/21 12:33	
Methyl-tert-butyl ether	ug/L	ND	0.50	02/08/21 12:33	
Methylene Chloride	ug/L	ND	2.0	02/08/21 12:33	
n-Butylbenzene	ug/L	ND	0.50	02/08/21 12:33	
n-Propylbenzene	ug/L	ND	0.50	02/08/21 12:33	
Naphthalene	ug/L	ND	2.0	02/08/21 12:33	
o-Xylene	ug/L	ND	0.50	02/08/21 12:33	
sec-Butylbenzene	ug/L	ND	0.50	02/08/21 12:33	
Styrene	ug/L	ND	0.50	02/08/21 12:33	
tert-Butylbenzene	ug/L	ND	0.50	02/08/21 12:33	
Tetrachloroethene	ug/L	ND	0.50	02/08/21 12:33	
Toluene	ug/L	ND	0.50	02/08/21 12:33	
trans-1,2-Dichloroethene	ug/L	ND	0.50	02/08/21 12:33	
trans-1,3-Dichloropropene	ug/L	ND	0.50	02/08/21 12:33	
Trichloroethene	ug/L	ND	0.50	02/08/21 12:33	
Trichlorofluoromethane	ug/L	ND	1.0	02/08/21 12:33	
Vinyl chloride	ug/L	ND	1.0	02/08/21 12:33	
1,2-Dichloroethane-d4 (S)	%	100	70-130	02/08/21 12:33	
4-Bromofluorobenzene (S)	%	95	70-130	02/08/21 12:33	
Toluene-d8 (S)	%	101	70-130	02/08/21 12:33	

LABORATORY CONTROL SAMPLE: 3154881

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.2	98	60-140	
1,1,1-Trichloroethane	ug/L	50	45.4	91	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	48.4	97	60-140	
1,1,2-Trichloroethane	ug/L	50	48.2	96	60-140	
1,1-Dichloroethane	ug/L	50	45.5	91	60-140	
1,1-Dichloroethene	ug/L	50	45.9	92	60-140	
1,1-Dichloropropene	ug/L	50	44.6	89	60-140	
1,2,3-Trichlorobenzene	ug/L	50	47.2	94	60-140	
1,2,3-Trichloropropane	ug/L	50	46.4	93	60-140	
1,2,4-Trichlorobenzene	ug/L	50	50.3	101	60-140	
1,2,4-Trimethylbenzene	ug/L	50	47.1	94	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	52.6	105	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	49.5	99	60-140	
1,2-Dichlorobenzene	ug/L	50	47.6	95	60-140	
1,2-Dichloroethane	ug/L	50	41.7	83	60-140	
1,2-Dichloropropane	ug/L	50	47.3	95	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.7	91	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519756

LABORATORY CONTROL SAMPLE: 3154881

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	48.5	97	60-140	
1,4-Dichlorobenzene	ug/L	50	46.4	93	60-140	
2,2-Dichloropropane	ug/L	50	47.4	95	60-140	
2-Chlorotoluene	ug/L	50	47.5	95	60-140	
4-Chlorotoluene	ug/L	50	47.0	94	60-140	
Benzene	ug/L	50	45.5	91	60-140	
Bromobenzene	ug/L	50	46.7	93	60-140	
Bromochloromethane	ug/L	50	46.1	92	60-140	
Bromodichloromethane	ug/L	50	47.7	95	60-140	
Bromoform	ug/L	50	52.1	104	60-140	
Bromomethane	ug/L	50	40.9	82	60-140	
Carbon tetrachloride	ug/L	50	46.4	93	60-140	
Chlorobenzene	ug/L	50	47.8	96	60-140	
Chloroethane	ug/L	50	44.6	89	60-140	
Chloroform	ug/L	50	44.0	88	60-140	
Chloromethane	ug/L	50	40.6	81	60-140	
cis-1,2-Dichloroethene	ug/L	50	44.9	90	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.7	99	60-140	
Dibromochloromethane	ug/L	50	51.4	103	60-140	
Dibromomethane	ug/L	50	47.1	94	60-140	
Dichlorodifluoromethane	ug/L	50	40.1	80	60-140	
Diisopropyl ether	ug/L	50	44.0	88	60-140	
Ethylbenzene	ug/L	50	47.2	94	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.3	97	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.1	96	60-140	
m&p-Xylene	ug/L	100	93.4	93	60-140	
Methyl-tert-butyl ether	ug/L	50	44.9	90	60-140	
Methylene Chloride	ug/L	50	42.7	85	60-140	
n-Butylbenzene	ug/L	50	47.0	94	60-140	
n-Propylbenzene	ug/L	50	45.2	90	60-140	
Naphthalene	ug/L	50	50.5	101	60-140	
o-Xylene	ug/L	50	47.8	96	60-140	
sec-Butylbenzene	ug/L	50	46.7	93	60-140	
Styrene	ug/L	50	47.7	95	60-140	
tert-Butylbenzene	ug/L	50	39.3	79	60-140	
Tetrachloroethene	ug/L	50	47.7	95	60-140	
Toluene	ug/L	50	45.3	91	60-140	
trans-1,2-Dichloroethene	ug/L	50	46.7	93	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.4	97	60-140	
Trichloroethene	ug/L	50	46.7	93	60-140	
Trichlorofluoromethane	ug/L	50	41.8	84	60-140	
Vinyl chloride	ug/L	50	42.8	86	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			98	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519756

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3155953 3155954

Parameter	Units	92519756001 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	21.9	21.7	109	109	60-140	1	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.5	21.2	103	106	60-140	3	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.4	20.5	102	102	60-140	0	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.8	21.9	104	110	60-140	5	
1,1-Dichloroethane	ug/L	ND	20	20	20.9	21.1	105	105	60-140	1	
1,1-Dichloroethene	ug/L	ND	20	20	21.7	22.0	109	110	60-140	2	
1,1-Dichloropropene	ug/L	ND	20	20	20.9	21.8	104	109	60-140	4	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.8	20.8	109	104	60-140	4	
1,2,3-Trichloropropane	ug/L	ND	20	20	20.8	19.8	104	99	60-140	5	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	22.8	21.8	114	109	60-140	5	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.4	21.0	102	105	60-140	3	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	22.0	21.6	110	108	60-140	2	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	21.9	21.5	110	108	60-140	2	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.4	20.4	102	102	60-140	0	
1,2-Dichloroethane	ug/L	ND	20	20	18.5	18.4	93	92	60-140	1	
1,2-Dichloropropane	ug/L	ND	20	20	20.8	21.8	104	109	60-140	5	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.9	20.9	105	105	60-140	0	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.9	20.8	105	104	60-140	1	
1,3-Dichloropropane	ug/L	ND	20	20	21.5	20.7	107	104	60-140	4	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.6	20.8	103	104	60-140	1	
2,2-Dichloropropane	ug/L	ND	20	20	22.3	22.3	112	112	60-140	0	
2-Chlorotoluene	ug/L	ND	20	20	21.2	21.0	106	105	60-140	1	
4-Chlorotoluene	ug/L	ND	20	20	20.6	20.9	103	104	60-140	1	
Benzene	ug/L	ND	20	20	21.2	21.9	106	109	60-140	3	
Bromobenzene	ug/L	ND	20	20	21.5	21.5	108	108	60-140	0	
Bromochloromethane	ug/L	ND	20	20	20.9	21.5	104	107	60-140	3	
Bromodichloromethane	ug/L	ND	20	20	21.4	21.4	107	107	60-140	0	
Bromoform	ug/L	ND	20	20	21.5	21.6	108	108	60-140	0	
Bromomethane	ug/L	ND	20	20	21.7	24.5	109	123	60-140	12	
Carbon tetrachloride	ug/L	ND	20	20	21.9	22.2	109	111	60-140	2	
Chlorobenzene	ug/L	ND	20	20	21.4	21.5	107	107	60-140	0	
Chloroethane	ug/L	ND	20	20	20.3	23.3	101	117	60-140	14	
Chloroform	ug/L	ND	20	20	20.4	21.3	102	106	60-140	4	
Chloromethane	ug/L	ND	20	20	21.7	21.4	109	107	60-140	2	
cis-1,2-Dichloroethene	ug/L	ND	20	20	20.7	20.9	103	105	60-140	1	
cis-1,3-Dichloropropene	ug/L	ND	20	20	22.4	23.1	112	115	60-140	3	
Dibromochloromethane	ug/L	ND	20	20	21.9	21.9	110	110	60-140	0	
Dibromomethane	ug/L	ND	20	20	21.6	21.5	108	107	60-140	1	
Dichlorodifluoromethane	ug/L	ND	20	20	23.3	23.6	116	118	60-140	1	
Diisopropyl ether	ug/L	ND	20	20	18.9	19.1	94	96	60-140	1	
Ethylbenzene	ug/L	ND	20	20	21.3	21.5	107	108	60-140	1	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	23.5	23.3	117	116	60-140	1	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	21.5	21.8	107	109	60-140	1	
m&p-Xylene	ug/L	ND	40	40	42.2	41.9	106	105	60-140	1	
Methyl-tert-butyl ether	ug/L	ND	20	20	19.4	19.9	97	100	60-140	3	
Methylene Chloride	ug/L	ND	20	20	19.8	20.0	99	100	60-140	1	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519756

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3155953 3155954

Parameter	Units	92519756001 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	20.9	21.1	104	105	60-140	1	
n-Propylbenzene	ug/L	ND	20	20	20.5	20.8	103	104	60-140	1	
Naphthalene	ug/L	ND	20	20	22.6	20.2	113	101	60-140	12	
o-Xylene	ug/L	ND	20	20	21.3	21.5	106	107	60-140	1	
sec-Butylbenzene	ug/L	ND	20	20	21.4	21.4	107	107	60-140	0	
Styrene	ug/L	ND	20	20	20.6	20.9	103	104	60-140	1	
tert-Butylbenzene	ug/L	ND	20	20	18.3	18.3	92	92	60-140	0	
Tetrachloroethene	ug/L	ND	20	20	21.1	22.2	105	111	60-140	5	
Toluene	ug/L	ND	20	20	20.8	21.5	104	107	60-140	3	
trans-1,2-Dichloroethene	ug/L	ND	20	20	21.2	22.1	106	111	60-140	4	
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.9	21.8	109	109	60-140	0	
Trichloroethene	ug/L	ND	20	20	22.2	22.0	111	110	60-140	1	
Trichlorofluoromethane	ug/L	ND	20	20	22.2	22.8	111	114	60-140	3	
Vinyl chloride	ug/L	ND	20	20	21.3	22.3	106	112	60-140	5	
1,2-Dichloroethane-d4 (S)	%						94	99	70-130		
4-Bromofluorobenzene (S)	%						98	99	70-130		
Toluene-d8 (S)	%						99	100	70-130		

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519756

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92519756

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92519756001	**13800_HC_RD_20210202**	MADEPV	1616553	MADEP VPH	1616553
92519756001	**13800_HC_RD_20210202**	EPA 3010A	597124	EPA 6010D	597135
92519756001	**13800_HC_RD_20210202**	SM 6200B	598379		

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

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

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

WO# : 92519756

92519756

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: Andrew.Street@apexcos.com
Copy To:	Site Collection Info/Address: 13800 Huntersville Concord Rd
Customer Project Name/Number: 2020-11-2448 Incident	State: County/City: NC / Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Naomi Fretz	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Naomi Fretz	Turnaround Date Required: ASAP Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs 6200B	MADEP VPH	Lead
13800_HC_RD_202122	DW	G	2-2-21	0810				8	X	X	X

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips: 225817AV	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

92519756
001

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: bbcsJ

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

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

Lab Tracking #: 2561060

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 92204
Cooler 1 Temp Upon Receipt: 4.1 oC
Cooler 1 Therm Corr. Factor: -0.1 oC
Cooler 1 Corrected Temp: 4.0 oC
Comments:

Relinquished by/Company: (Signature) Naomi Fretz / Apex	Date/Time: 2-2-21 1350	Received by/Company: (Signature) MJC Pace HVL	Date/Time: 2-2-21 13:50
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip 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#: 92519756

PM: AMB Due Date: 02/09/21

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						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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

February 12, 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.: 92519760

Dear Andrew Street:

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

A revised report is being submitted on 2/12/21 to revise the sample ID formatting.

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519760

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92519760

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92519760001	**13835_AC_RD_20210202**	MADEP VPH	ADM	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519760

Sample: 13835_AC_RD_20210202 **Lab ID: 92519760001** Collected: 02/02/21 11:25 Received: 02/02/21 13:50 Matrix: Water

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/L	100	1	02/05/21 02:18	02/05/21 02:18		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/05/21 02:18	02/05/21 02:18		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/05/21 02:18	02/05/21 02:18	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/05/21 02:18	02/05/21 02:18	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	112	%	70.0-130	1	02/05/21 02:18	02/05/21 02:18	615-59-8FID	
2,5-Dibromotoluene (PID)	88.4	%	70.0-130	1	02/05/21 02:18	02/05/21 02:18	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/03/21 02:07	02/03/21 21:25	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/09/21 01:08	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/09/21 01:08	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/09/21 01:08	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/09/21 01:08	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/09/21 01:08	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/09/21 01:08	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/09/21 01:08	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/09/21 01:08	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/09/21 01:08	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/09/21 01:08	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/09/21 01:08	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/09/21 01:08	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/09/21 01:08	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/09/21 01:08	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/09/21 01:08	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/09/21 01:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/09/21 01:08	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/09/21 01:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/09/21 01:08	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/09/21 01:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/09/21 01:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/09/21 01:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/09/21 01:08	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/09/21 01:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/09/21 01:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/09/21 01:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/09/21 01:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/09/21 01:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/09/21 01:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/09/21 01:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/09/21 01:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/09/21 01:08	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519760

Sample: 13835_AC_RD_20210202 **Lab ID: 92519760001** Collected: 02/02/21 11:25 Received: 02/02/21 13:50 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		02/09/21 01:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/09/21 01:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/09/21 01:08	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/09/21 01:08	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/09/21 01:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/09/21 01:08	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/09/21 01:08	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/09/21 01:08	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/09/21 01:08	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/09/21 01:08	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/09/21 01:08	103-65-1	
Styrene	ND	ug/L	0.50	1		02/09/21 01:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/09/21 01:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/09/21 01:08	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/09/21 01:08	127-18-4	
Toluene	ND	ug/L	0.50	1		02/09/21 01:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/09/21 01:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/09/21 01:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/09/21 01:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/09/21 01:08	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/09/21 01:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/09/21 01:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/09/21 01:08	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/09/21 01:08	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/09/21 01:08	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/09/21 01:08	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/09/21 01:08	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/09/21 01:08	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	96	%	70-130	1		02/09/21 01:08	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130	1		02/09/21 01:08	460-00-4	
Toluene-d8 (S)	100	%	70-130	1		02/09/21 01:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519760

QC Batch: 1616553
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92519760001

METHOD BLANK: R3619711-3 Matrix: Water
Associated Lab Samples: 92519760001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	02/04/21 23:32	
Aliphatic (C09-C12)	ug/L	ND	100	02/04/21 23:32	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	02/04/21 23:32	
Total VPH	ug/L	ND	100	02/04/21 23:32	
2,5-Dibromotoluene (FID)	%	104	70.0-130	02/04/21 23:32	
2,5-Dibromotoluene (PID)	%	81.8	70.0-130	02/04/21 23:32	

LABORATORY CONTROL SAMPLE & LCSD: R3619711-1 R3619711-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1460	1400	122	117	70.0-130	4.20	25	
Aliphatic (C09-C12)	ug/L	1400	1710	1660	122	119	70.0-130	2.97	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	187	182	93.5	91.0	70.0-130	2.71	25	
Total VPH	ug/L	2800	3360	3240	120	116	70.0-130	3.64	25	
2,5-Dibromotoluene (FID)	%				107	106	70.0-130			
2,5-Dibromotoluene (PID)	%				84.4	84.0	70.0-130			

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519760

QC Batch: 597124
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92519760001

METHOD BLANK: 3148990 Matrix: Water
Associated Lab Samples: 92519760001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	02/03/21 20:53	

LABORATORY CONTROL SAMPLE: 3148991

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	495	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3148992 3148993

Parameter	Units	92519782001 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	501	499	100	100	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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519760

QC Batch: 598435
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92519760001

METHOD BLANK: 3155250 Matrix: Water
Associated Lab Samples: 92519760001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	02/09/21 00:32	
1,1,1-Trichloroethane	ug/L	ND	0.50	02/09/21 00:32	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	02/09/21 00:32	
1,1,2-Trichloroethane	ug/L	ND	0.50	02/09/21 00:32	
1,1-Dichloroethane	ug/L	ND	0.50	02/09/21 00:32	
1,1-Dichloroethene	ug/L	ND	0.50	02/09/21 00:32	
1,1-Dichloropropene	ug/L	ND	0.50	02/09/21 00:32	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	02/09/21 00:32	
1,2,3-Trichloropropane	ug/L	ND	0.50	02/09/21 00:32	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	02/09/21 00:32	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	02/09/21 00:32	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	02/09/21 00:32	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	02/09/21 00:32	
1,2-Dichlorobenzene	ug/L	ND	0.50	02/09/21 00:32	
1,2-Dichloroethane	ug/L	ND	0.50	02/09/21 00:32	
1,2-Dichloropropane	ug/L	ND	0.50	02/09/21 00:32	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	02/09/21 00:32	
1,3-Dichlorobenzene	ug/L	ND	0.50	02/09/21 00:32	
1,3-Dichloropropane	ug/L	ND	0.50	02/09/21 00:32	
1,4-Dichlorobenzene	ug/L	ND	0.50	02/09/21 00:32	
2,2-Dichloropropane	ug/L	ND	0.50	02/09/21 00:32	
2-Chlorotoluene	ug/L	ND	0.50	02/09/21 00:32	
4-Chlorotoluene	ug/L	ND	0.50	02/09/21 00:32	
Benzene	ug/L	ND	0.50	02/09/21 00:32	
Bromobenzene	ug/L	ND	0.50	02/09/21 00:32	
Bromochloromethane	ug/L	ND	0.50	02/09/21 00:32	
Bromodichloromethane	ug/L	ND	0.50	02/09/21 00:32	
Bromoform	ug/L	ND	0.50	02/09/21 00:32	
Bromomethane	ug/L	ND	5.0	02/09/21 00:32	
Carbon tetrachloride	ug/L	ND	0.50	02/09/21 00:32	
Chlorobenzene	ug/L	ND	0.50	02/09/21 00:32	
Chloroethane	ug/L	ND	1.0	02/09/21 00:32	
Chloroform	ug/L	ND	0.50	02/09/21 00:32	
Chloromethane	ug/L	ND	1.0	02/09/21 00:32	
cis-1,2-Dichloroethene	ug/L	ND	0.50	02/09/21 00:32	
cis-1,3-Dichloropropene	ug/L	ND	0.50	02/09/21 00:32	
Dibromochloromethane	ug/L	ND	0.50	02/09/21 00:32	
Dibromomethane	ug/L	ND	0.50	02/09/21 00:32	
Dichlorodifluoromethane	ug/L	ND	0.50	02/09/21 00:32	
Diisopropyl ether	ug/L	ND	0.50	02/09/21 00:32	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519760

METHOD BLANK: 3155250 Matrix: Water
Associated Lab Samples: 92519760001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	02/09/21 00:32	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	02/09/21 00:32	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	02/09/21 00:32	
m&p-Xylene	ug/L	ND	1.0	02/09/21 00:32	
Methyl-tert-butyl ether	ug/L	ND	0.50	02/09/21 00:32	
Methylene Chloride	ug/L	ND	2.0	02/09/21 00:32	
n-Butylbenzene	ug/L	ND	0.50	02/09/21 00:32	
n-Propylbenzene	ug/L	ND	0.50	02/09/21 00:32	
Naphthalene	ug/L	ND	2.0	02/09/21 00:32	
o-Xylene	ug/L	ND	0.50	02/09/21 00:32	
sec-Butylbenzene	ug/L	ND	0.50	02/09/21 00:32	
Styrene	ug/L	ND	0.50	02/09/21 00:32	
tert-Butylbenzene	ug/L	ND	0.50	02/09/21 00:32	
Tetrachloroethene	ug/L	ND	0.50	02/09/21 00:32	
Toluene	ug/L	ND	0.50	02/09/21 00:32	
trans-1,2-Dichloroethene	ug/L	ND	0.50	02/09/21 00:32	
trans-1,3-Dichloropropene	ug/L	ND	0.50	02/09/21 00:32	
Trichloroethene	ug/L	ND	0.50	02/09/21 00:32	
Trichlorofluoromethane	ug/L	ND	1.0	02/09/21 00:32	
Vinyl chloride	ug/L	ND	1.0	02/09/21 00:32	
1,2-Dichloroethane-d4 (S)	%	96	70-130	02/09/21 00:32	
4-Bromofluorobenzene (S)	%	95	70-130	02/09/21 00:32	
Toluene-d8 (S)	%	100	70-130	02/09/21 00:32	

LABORATORY CONTROL SAMPLE: 3155251

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.3	103	60-140	
1,1,1-Trichloroethane	ug/L	50	47.7	95	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.4	99	60-140	
1,1,2-Trichloroethane	ug/L	50	50.7	101	60-140	
1,1-Dichloroethane	ug/L	50	48.1	96	60-140	
1,1-Dichloroethene	ug/L	50	48.5	97	60-140	
1,1-Dichloropropene	ug/L	50	46.7	93	60-140	
1,2,3-Trichlorobenzene	ug/L	50	48.5	97	60-140	
1,2,3-Trichloropropane	ug/L	50	49.7	99	60-140	
1,2,4-Trichlorobenzene	ug/L	50	49.7	99	60-140	
1,2,4-Trimethylbenzene	ug/L	50	47.4	95	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	53.9	108	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.5	105	60-140	
1,2-Dichlorobenzene	ug/L	50	48.9	98	60-140	
1,2-Dichloroethane	ug/L	50	43.4	87	60-140	
1,2-Dichloropropane	ug/L	50	51.8	104	60-140	
1,3,5-Trimethylbenzene	ug/L	50	47.2	94	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519760

LABORATORY CONTROL SAMPLE: 3155251

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.9	100	60-140	
1,3-Dichloropropane	ug/L	50	50.6	101	60-140	
1,4-Dichlorobenzene	ug/L	50	47.6	95	60-140	
2,2-Dichloropropane	ug/L	50	48.3	97	60-140	
2-Chlorotoluene	ug/L	50	48.3	97	60-140	
4-Chlorotoluene	ug/L	50	48.4	97	60-140	
Benzene	ug/L	50	48.9	98	60-140	
Bromobenzene	ug/L	50	48.6	97	60-140	
Bromochloromethane	ug/L	50	48.8	98	60-140	
Bromodichloromethane	ug/L	50	51.2	102	60-140	
Bromoform	ug/L	50	54.6	109	60-140	
Bromomethane	ug/L	50	42.9	86	60-140	
Carbon tetrachloride	ug/L	50	49.5	99	60-140	
Chlorobenzene	ug/L	50	49.5	99	60-140	
Chloroethane	ug/L	50	49.4	99	60-140	
Chloroform	ug/L	50	46.3	93	60-140	
Chloromethane	ug/L	50	47.3	95	60-140	
cis-1,2-Dichloroethene	ug/L	50	47.7	95	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.7	105	60-140	
Dibromochloromethane	ug/L	50	53.9	108	60-140	
Dibromomethane	ug/L	50	51.4	103	60-140	
Dichlorodifluoromethane	ug/L	50	54.2	108	60-140	
Diisopropyl ether	ug/L	50	45.2	90	60-140	
Ethylbenzene	ug/L	50	49.4	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	47.0	94	60-140	
Isopropylbenzene (Cumene)	ug/L	50	49.6	99	60-140	
m&p-Xylene	ug/L	100	96.8	97	60-140	
Methyl-tert-butyl ether	ug/L	50	47.1	94	60-140	
Methylene Chloride	ug/L	50	44.8	90	60-140	
n-Butylbenzene	ug/L	50	46.8	94	60-140	
n-Propylbenzene	ug/L	50	46.3	93	60-140	
Naphthalene	ug/L	50	50.5	101	60-140	
o-Xylene	ug/L	50	50.4	101	60-140	
sec-Butylbenzene	ug/L	50	47.2	94	60-140	
Styrene	ug/L	50	50.0	100	60-140	
tert-Butylbenzene	ug/L	50	40.5	81	60-140	
Tetrachloroethene	ug/L	50	49.4	99	60-140	
Toluene	ug/L	50	49.0	98	60-140	
trans-1,2-Dichloroethene	ug/L	50	48.2	96	60-140	
trans-1,3-Dichloropropene	ug/L	50	51.2	102	60-140	
Trichloroethene	ug/L	50	49.6	99	60-140	
Trichlorofluoromethane	ug/L	50	43.8	88	60-140	
Vinyl chloride	ug/L	50	47.9	96	60-140	
1,2-Dichloroethane-d4 (S)	%			92	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			101	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519760

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3155252 3155253

Parameter	Units	92519777006 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	400	400	402	421	101	105	60-140	4	
1,1,1-Trichloroethane	ug/L	ND	400	400	384	372	96	93	60-140	3	
1,1,2,2-Tetrachloroethane	ug/L	ND	400	400	387	395	97	99	60-140	2	
1,1,2-Trichloroethane	ug/L	ND	400	400	401	417	100	104	60-140	4	
1,1-Dichloroethane	ug/L	ND	400	400	377	371	94	93	60-140	1	
1,1-Dichloroethene	ug/L	ND	400	400	374	380	94	95	60-140	1	
1,1-Dichloropropene	ug/L	ND	400	400	382	367	95	92	60-140	4	
1,2,3-Trichlorobenzene	ug/L	ND	400	400	342	380	86	95	60-140	10	
1,2,3-Trichloropropane	ug/L	ND	400	400	386	412	97	103	60-140	6	
1,2,4-Trichlorobenzene	ug/L	ND	400	400	357	388	89	97	60-140	8	
1,2,4-Trimethylbenzene	ug/L	490	400	400	872	908	96	105	60-140	4	
1,2-Dibromo-3-chloropropane	ug/L	ND	400	400	392	428	98	107	60-140	9	
1,2-Dibromoethane (EDB)	ug/L	ND	400	400	399	420	100	105	60-140	5	
1,2-Dichlorobenzene	ug/L	ND	400	400	375	388	94	97	60-140	3	
1,2-Dichloroethane	ug/L	ND	400	400	346	348	85	86	60-140	1	
1,2-Dichloropropane	ug/L	ND	400	400	407	413	102	103	60-140	1	
1,3,5-Trimethylbenzene	ug/L	ND	400	400	519	528	130	132	60-140	2	
1,3-Dichlorobenzene	ug/L	ND	400	400	378	390	94	97	60-140	3	
1,3-Dichloropropane	ug/L	ND	400	400	391	410	98	102	60-140	5	
1,4-Dichlorobenzene	ug/L	ND	400	400	363	382	91	96	60-140	5	
2,2-Dichloropropane	ug/L	ND	400	400	294	302	74	75	60-140	3	
2-Chlorotoluene	ug/L	ND	400	400	396	406	99	102	60-140	2	
4-Chlorotoluene	ug/L	ND	400	400	371	389	93	97	60-140	5	
Benzene	ug/L	2450	400	400	2950	2980	123	131	60-140	1	
Bromobenzene	ug/L	ND	400	400	391	404	98	101	60-140	3	
Bromochloromethane	ug/L	ND	400	400	382	377	96	94	60-140	1	
Bromodichloromethane	ug/L	ND	400	400	397	399	99	100	60-140	1	
Bromoform	ug/L	ND	400	400	411	429	103	107	60-140	4	
Bromomethane	ug/L	ND	400	400	309	346	77	87	60-140	11	
Carbon tetrachloride	ug/L	ND	400	400	402	401	101	100	60-140	0	
Chlorobenzene	ug/L	ND	400	400	399	416	100	104	60-140	4	
Chloroethane	ug/L	ND	400	400	375	384	94	96	60-140	2	
Chloroform	ug/L	ND	400	400	387	380	97	95	60-140	2	
Chloromethane	ug/L	ND	400	400	313	332	78	83	60-140	6	
cis-1,2-Dichloroethene	ug/L	ND	400	400	371	375	93	94	60-140	1	
cis-1,3-Dichloropropene	ug/L	ND	400	400	394	404	99	101	60-140	3	
Dibromochloromethane	ug/L	ND	400	400	398	423	100	106	60-140	6	
Dibromomethane	ug/L	ND	400	400	419	422	105	105	60-140	1	
Dichlorodifluoromethane	ug/L	ND	400	400	329	327	82	82	60-140	1	
Diisopropyl ether	ug/L	ND	400	400	351	359	88	90	60-140	2	
Ethylbenzene	ug/L	505	400	400	907	938	101	108	60-140	3	
Hexachloro-1,3-butadiene	ug/L	ND	400	400	335	354	84	88	60-140	5	
Isopropylbenzene (Cumene)	ug/L	28.9	400	400	422	437	98	102	60-140	4	
m&p-Xylene	ug/L	1840	800	800	2640	2690	100	106	60-140	2	
Methyl-tert-butyl ether	ug/L	ND	400	400	364	362	91	90	60-140	1	
Methylene Chloride	ug/L	ND	400	400	364	360	91	90	60-140	1	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519760

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3155252 3155253

Parameter	Units	92519777006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
n-Butylbenzene	ug/L	ND	400	400	356	377	89	94	60-140	6	
n-Propylbenzene	ug/L	ND	400	400	422	439	106	110	60-140	4	
Naphthalene	ug/L	223	400	400	652	656	107	108	60-140	1	
o-Xylene	ug/L	1140	400	400	1560	1600	106	115	60-140	2	
sec-Butylbenzene	ug/L	ND	400	400	379	387	95	97	60-140	2	
Styrene	ug/L	ND	400	400	401	411	100	103	60-140	3	
tert-Butylbenzene	ug/L	ND	400	400	324	337	81	84	60-140	4	
Tetrachloroethene	ug/L	ND	400	400	380	383	95	96	60-140	1	
Toluene	ug/L	2560	400	400	2970	3070	102	127	60-140	3	
trans-1,2-Dichloroethene	ug/L	ND	400	400	381	384	95	96	60-140	1	
trans-1,3-Dichloropropene	ug/L	ND	400	400	374	389	94	97	60-140	4	
Trichloroethene	ug/L	ND	400	400	402	398	100	100	60-140	1	
Trichlorofluoromethane	ug/L	ND	400	400	388	380	97	95	60-140	2	
Vinyl chloride	ug/L	ND	400	400	358	362	89	91	60-140	1	
1,2-Dichloroethane-d4 (S)	%						95	98	70-130		
4-Bromofluorobenzene (S)	%						100	100	70-130		
Toluene-d8 (S)	%						99	101	70-130		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519760

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92519760

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92519760001	**13835_AC_RD_20210202**	MADEPV	1616553	MADEP VPH	1616553
92519760001	**13835_AC_RD_20210202**	EPA 3010A	597124	EPA 6010D	597135
92519760001	**13835_AC_RD_20210202**	SM 6200B	598435		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

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

LAB USE ONLY ber or

WO# : 92519760

92519760

Container P

** 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 _____

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: Andrew.Street@apexcos.com
Copy To:	Site Collection Info/Address: 13835 Asbury Chapel Rd
Customer Project Name/Number: 2020-U-2448 Incident	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Naomi Fretz	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Naomi Fretz	Turnaround Date Required: ASAP Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOCs 6200B	MADEP VPH	Lead	Analyses
13835-AC-RD-202122	DW	G	2-2-21	1125				8	X	X	X	

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N (NA)
Custody Signatures Present	Y N (NA)
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N (NA)
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N (NA)
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips: 2238,9	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: bubble bags

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

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

Lab Tracking #: 2561064

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: T220H
Cooler 1 Temp Upon Receipt: 4.9 oC
Cooler 1 Therm Corr. Factor: -0.1 oC
Cooler 1 Corrected Temp: 4.8 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Fretz / Apex	2-2-21 1350	MDG Pace HVL	2-2-21 13:50
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip 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#: 92519760

PM: AMB Due Date: 02/09/21

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)	DG8P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1						1										7													
2																													
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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

February 12, 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.: 92519764

Dear Andrew Street:

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

A revised report is being submitted on 2/12/21 to revise the sample ID formatting.

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519764

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92519764

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92519764001	**13926A_HC_RD_20210202**	MADEP VPH	ADM	6	PAN
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519764

Sample: 13926A_HC_RD_20210202 **Lab ID: 92519764001** Collected: 02/02/21 12:40 Received: 02/02/21 13:50 Matrix: Water

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/L	100	1	02/05/21 02:51	02/05/21 02:51		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/05/21 02:51	02/05/21 02:51		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/05/21 02:51	02/05/21 02:51	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/05/21 02:51	02/05/21 02:51	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	111	%	70.0-130	1	02/05/21 02:51	02/05/21 02:51	615-59-8FID	
2,5-Dibromotoluene (PID)	87.9	%	70.0-130	1	02/05/21 02:51	02/05/21 02:51	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/03/21 02:07	02/03/21 21:28	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/09/21 01:26	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/09/21 01:26	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/09/21 01:26	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/09/21 01:26	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/09/21 01:26	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/09/21 01:26	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/09/21 01:26	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/09/21 01:26	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/09/21 01:26	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/09/21 01:26	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/09/21 01:26	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/09/21 01:26	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/09/21 01:26	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/09/21 01:26	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/09/21 01:26	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/09/21 01:26	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/09/21 01:26	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/09/21 01:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/09/21 01:26	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/09/21 01:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/09/21 01:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/09/21 01:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/09/21 01:26	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/09/21 01:26	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/09/21 01:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/09/21 01:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/09/21 01:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/09/21 01:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/09/21 01:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/09/21 01:26	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/09/21 01:26	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/09/21 01:26	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519764

Sample: 13926A_HC_RD_20210202 **Lab ID: 92519764001** Collected: 02/02/21 12:40 Received: 02/02/21 13:50 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		02/09/21 01:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/09/21 01:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/09/21 01:26	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/09/21 01:26	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/09/21 01:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/09/21 01:26	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/09/21 01:26	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/09/21 01:26	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/09/21 01:26	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/09/21 01:26	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/09/21 01:26	103-65-1	
Styrene	ND	ug/L	0.50	1		02/09/21 01:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/09/21 01:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/09/21 01:26	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/09/21 01:26	127-18-4	
Toluene	ND	ug/L	0.50	1		02/09/21 01:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/09/21 01:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/09/21 01:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/09/21 01:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/09/21 01:26	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/09/21 01:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/09/21 01:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/09/21 01:26	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/09/21 01:26	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/09/21 01:26	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/09/21 01:26	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/09/21 01:26	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/09/21 01:26	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		02/09/21 01:26	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130	1		02/09/21 01:26	460-00-4	
Toluene-d8 (S)	101	%	70-130	1		02/09/21 01:26	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519764

QC Batch: 1616553
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92519764001

METHOD BLANK: R3619711-3 Matrix: Water
Associated Lab Samples: 92519764001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	02/04/21 23:32	
Aliphatic (C09-C12)	ug/L	ND	100	02/04/21 23:32	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	02/04/21 23:32	
Total VPH	ug/L	ND	100	02/04/21 23:32	
2,5-Dibromotoluene (FID)	%	104	70.0-130	02/04/21 23:32	
2,5-Dibromotoluene (PID)	%	81.8	70.0-130	02/04/21 23:32	

LABORATORY CONTROL SAMPLE & LCSD: R3619711-1 R3619711-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1460	1400	122	117	70.0-130	4.20	25	
Aliphatic (C09-C12)	ug/L	1400	1710	1660	122	119	70.0-130	2.97	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	187	182	93.5	91.0	70.0-130	2.71	25	
Total VPH	ug/L	2800	3360	3240	120	116	70.0-130	3.64	25	
2,5-Dibromotoluene (FID)	%				107	106	70.0-130			
2,5-Dibromotoluene (PID)	%				84.4	84.0	70.0-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519764

QC Batch: 597124
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92519764001

METHOD BLANK: 3148990 Matrix: Water
Associated Lab Samples: 92519764001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	02/03/21 20:53	

LABORATORY CONTROL SAMPLE: 3148991

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	495	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3148992 3148993

Parameter	Units	92519782001 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	501	499	100	100	75-125	0	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519764

QC Batch: 598435
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92519764001

METHOD BLANK: 3155250 Matrix: Water
Associated Lab Samples: 92519764001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	02/09/21 00:32	
1,1,1-Trichloroethane	ug/L	ND	0.50	02/09/21 00:32	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	02/09/21 00:32	
1,1,2-Trichloroethane	ug/L	ND	0.50	02/09/21 00:32	
1,1-Dichloroethane	ug/L	ND	0.50	02/09/21 00:32	
1,1-Dichloroethene	ug/L	ND	0.50	02/09/21 00:32	
1,1-Dichloropropene	ug/L	ND	0.50	02/09/21 00:32	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	02/09/21 00:32	
1,2,3-Trichloropropane	ug/L	ND	0.50	02/09/21 00:32	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	02/09/21 00:32	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	02/09/21 00:32	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	02/09/21 00:32	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	02/09/21 00:32	
1,2-Dichlorobenzene	ug/L	ND	0.50	02/09/21 00:32	
1,2-Dichloroethane	ug/L	ND	0.50	02/09/21 00:32	
1,2-Dichloropropane	ug/L	ND	0.50	02/09/21 00:32	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	02/09/21 00:32	
1,3-Dichlorobenzene	ug/L	ND	0.50	02/09/21 00:32	
1,3-Dichloropropane	ug/L	ND	0.50	02/09/21 00:32	
1,4-Dichlorobenzene	ug/L	ND	0.50	02/09/21 00:32	
2,2-Dichloropropane	ug/L	ND	0.50	02/09/21 00:32	
2-Chlorotoluene	ug/L	ND	0.50	02/09/21 00:32	
4-Chlorotoluene	ug/L	ND	0.50	02/09/21 00:32	
Benzene	ug/L	ND	0.50	02/09/21 00:32	
Bromobenzene	ug/L	ND	0.50	02/09/21 00:32	
Bromochloromethane	ug/L	ND	0.50	02/09/21 00:32	
Bromodichloromethane	ug/L	ND	0.50	02/09/21 00:32	
Bromoform	ug/L	ND	0.50	02/09/21 00:32	
Bromomethane	ug/L	ND	5.0	02/09/21 00:32	
Carbon tetrachloride	ug/L	ND	0.50	02/09/21 00:32	
Chlorobenzene	ug/L	ND	0.50	02/09/21 00:32	
Chloroethane	ug/L	ND	1.0	02/09/21 00:32	
Chloroform	ug/L	ND	0.50	02/09/21 00:32	
Chloromethane	ug/L	ND	1.0	02/09/21 00:32	
cis-1,2-Dichloroethene	ug/L	ND	0.50	02/09/21 00:32	
cis-1,3-Dichloropropene	ug/L	ND	0.50	02/09/21 00:32	
Dibromochloromethane	ug/L	ND	0.50	02/09/21 00:32	
Dibromomethane	ug/L	ND	0.50	02/09/21 00:32	
Dichlorodifluoromethane	ug/L	ND	0.50	02/09/21 00:32	
Diisopropyl ether	ug/L	ND	0.50	02/09/21 00:32	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519764

METHOD BLANK: 3155250 Matrix: Water
Associated Lab Samples: 92519764001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	02/09/21 00:32	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	02/09/21 00:32	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	02/09/21 00:32	
m&p-Xylene	ug/L	ND	1.0	02/09/21 00:32	
Methyl-tert-butyl ether	ug/L	ND	0.50	02/09/21 00:32	
Methylene Chloride	ug/L	ND	2.0	02/09/21 00:32	
n-Butylbenzene	ug/L	ND	0.50	02/09/21 00:32	
n-Propylbenzene	ug/L	ND	0.50	02/09/21 00:32	
Naphthalene	ug/L	ND	2.0	02/09/21 00:32	
o-Xylene	ug/L	ND	0.50	02/09/21 00:32	
sec-Butylbenzene	ug/L	ND	0.50	02/09/21 00:32	
Styrene	ug/L	ND	0.50	02/09/21 00:32	
tert-Butylbenzene	ug/L	ND	0.50	02/09/21 00:32	
Tetrachloroethene	ug/L	ND	0.50	02/09/21 00:32	
Toluene	ug/L	ND	0.50	02/09/21 00:32	
trans-1,2-Dichloroethene	ug/L	ND	0.50	02/09/21 00:32	
trans-1,3-Dichloropropene	ug/L	ND	0.50	02/09/21 00:32	
Trichloroethene	ug/L	ND	0.50	02/09/21 00:32	
Trichlorofluoromethane	ug/L	ND	1.0	02/09/21 00:32	
Vinyl chloride	ug/L	ND	1.0	02/09/21 00:32	
1,2-Dichloroethane-d4 (S)	%	96	70-130	02/09/21 00:32	
4-Bromofluorobenzene (S)	%	95	70-130	02/09/21 00:32	
Toluene-d8 (S)	%	100	70-130	02/09/21 00:32	

LABORATORY CONTROL SAMPLE: 3155251

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.3	103	60-140	
1,1,1-Trichloroethane	ug/L	50	47.7	95	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.4	99	60-140	
1,1,2-Trichloroethane	ug/L	50	50.7	101	60-140	
1,1-Dichloroethane	ug/L	50	48.1	96	60-140	
1,1-Dichloroethene	ug/L	50	48.5	97	60-140	
1,1-Dichloropropene	ug/L	50	46.7	93	60-140	
1,2,3-Trichlorobenzene	ug/L	50	48.5	97	60-140	
1,2,3-Trichloropropane	ug/L	50	49.7	99	60-140	
1,2,4-Trichlorobenzene	ug/L	50	49.7	99	60-140	
1,2,4-Trimethylbenzene	ug/L	50	47.4	95	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	53.9	108	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.5	105	60-140	
1,2-Dichlorobenzene	ug/L	50	48.9	98	60-140	
1,2-Dichloroethane	ug/L	50	43.4	87	60-140	
1,2-Dichloropropane	ug/L	50	51.8	104	60-140	
1,3,5-Trimethylbenzene	ug/L	50	47.2	94	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519764

LABORATORY CONTROL SAMPLE: 3155251

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.9	100	60-140	
1,3-Dichloropropane	ug/L	50	50.6	101	60-140	
1,4-Dichlorobenzene	ug/L	50	47.6	95	60-140	
2,2-Dichloropropane	ug/L	50	48.3	97	60-140	
2-Chlorotoluene	ug/L	50	48.3	97	60-140	
4-Chlorotoluene	ug/L	50	48.4	97	60-140	
Benzene	ug/L	50	48.9	98	60-140	
Bromobenzene	ug/L	50	48.6	97	60-140	
Bromochloromethane	ug/L	50	48.8	98	60-140	
Bromodichloromethane	ug/L	50	51.2	102	60-140	
Bromoform	ug/L	50	54.6	109	60-140	
Bromomethane	ug/L	50	42.9	86	60-140	
Carbon tetrachloride	ug/L	50	49.5	99	60-140	
Chlorobenzene	ug/L	50	49.5	99	60-140	
Chloroethane	ug/L	50	49.4	99	60-140	
Chloroform	ug/L	50	46.3	93	60-140	
Chloromethane	ug/L	50	47.3	95	60-140	
cis-1,2-Dichloroethene	ug/L	50	47.7	95	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.7	105	60-140	
Dibromochloromethane	ug/L	50	53.9	108	60-140	
Dibromomethane	ug/L	50	51.4	103	60-140	
Dichlorodifluoromethane	ug/L	50	54.2	108	60-140	
Diisopropyl ether	ug/L	50	45.2	90	60-140	
Ethylbenzene	ug/L	50	49.4	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	47.0	94	60-140	
Isopropylbenzene (Cumene)	ug/L	50	49.6	99	60-140	
m&p-Xylene	ug/L	100	96.8	97	60-140	
Methyl-tert-butyl ether	ug/L	50	47.1	94	60-140	
Methylene Chloride	ug/L	50	44.8	90	60-140	
n-Butylbenzene	ug/L	50	46.8	94	60-140	
n-Propylbenzene	ug/L	50	46.3	93	60-140	
Naphthalene	ug/L	50	50.5	101	60-140	
o-Xylene	ug/L	50	50.4	101	60-140	
sec-Butylbenzene	ug/L	50	47.2	94	60-140	
Styrene	ug/L	50	50.0	100	60-140	
tert-Butylbenzene	ug/L	50	40.5	81	60-140	
Tetrachloroethene	ug/L	50	49.4	99	60-140	
Toluene	ug/L	50	49.0	98	60-140	
trans-1,2-Dichloroethene	ug/L	50	48.2	96	60-140	
trans-1,3-Dichloropropene	ug/L	50	51.2	102	60-140	
Trichloroethene	ug/L	50	49.6	99	60-140	
Trichlorofluoromethane	ug/L	50	43.8	88	60-140	
Vinyl chloride	ug/L	50	47.9	96	60-140	
1,2-Dichloroethane-d4 (S)	%			92	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			101	70-130	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519764

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3155252 3155253

Parameter	Units	92519777006 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	400	400	402	421	101	105	60-140	4	
1,1,1-Trichloroethane	ug/L	ND	400	400	384	372	96	93	60-140	3	
1,1,2,2-Tetrachloroethane	ug/L	ND	400	400	387	395	97	99	60-140	2	
1,1,2-Trichloroethane	ug/L	ND	400	400	401	417	100	104	60-140	4	
1,1-Dichloroethane	ug/L	ND	400	400	377	371	94	93	60-140	1	
1,1-Dichloroethene	ug/L	ND	400	400	374	380	94	95	60-140	1	
1,1-Dichloropropene	ug/L	ND	400	400	382	367	95	92	60-140	4	
1,2,3-Trichlorobenzene	ug/L	ND	400	400	342	380	86	95	60-140	10	
1,2,3-Trichloropropane	ug/L	ND	400	400	386	412	97	103	60-140	6	
1,2,4-Trichlorobenzene	ug/L	ND	400	400	357	388	89	97	60-140	8	
1,2,4-Trimethylbenzene	ug/L	490	400	400	872	908	96	105	60-140	4	
1,2-Dibromo-3-chloropropane	ug/L	ND	400	400	392	428	98	107	60-140	9	
1,2-Dibromoethane (EDB)	ug/L	ND	400	400	399	420	100	105	60-140	5	
1,2-Dichlorobenzene	ug/L	ND	400	400	375	388	94	97	60-140	3	
1,2-Dichloroethane	ug/L	ND	400	400	346	348	85	86	60-140	1	
1,2-Dichloropropane	ug/L	ND	400	400	407	413	102	103	60-140	1	
1,3,5-Trimethylbenzene	ug/L	ND	400	400	519	528	130	132	60-140	2	
1,3-Dichlorobenzene	ug/L	ND	400	400	378	390	94	97	60-140	3	
1,3-Dichloropropane	ug/L	ND	400	400	391	410	98	102	60-140	5	
1,4-Dichlorobenzene	ug/L	ND	400	400	363	382	91	96	60-140	5	
2,2-Dichloropropane	ug/L	ND	400	400	294	302	74	75	60-140	3	
2-Chlorotoluene	ug/L	ND	400	400	396	406	99	102	60-140	2	
4-Chlorotoluene	ug/L	ND	400	400	371	389	93	97	60-140	5	
Benzene	ug/L	2450	400	400	2950	2980	123	131	60-140	1	
Bromobenzene	ug/L	ND	400	400	391	404	98	101	60-140	3	
Bromochloromethane	ug/L	ND	400	400	382	377	96	94	60-140	1	
Bromodichloromethane	ug/L	ND	400	400	397	399	99	100	60-140	1	
Bromoform	ug/L	ND	400	400	411	429	103	107	60-140	4	
Bromomethane	ug/L	ND	400	400	309	346	77	87	60-140	11	
Carbon tetrachloride	ug/L	ND	400	400	402	401	101	100	60-140	0	
Chlorobenzene	ug/L	ND	400	400	399	416	100	104	60-140	4	
Chloroethane	ug/L	ND	400	400	375	384	94	96	60-140	2	
Chloroform	ug/L	ND	400	400	387	380	97	95	60-140	2	
Chloromethane	ug/L	ND	400	400	313	332	78	83	60-140	6	
cis-1,2-Dichloroethene	ug/L	ND	400	400	371	375	93	94	60-140	1	
cis-1,3-Dichloropropene	ug/L	ND	400	400	394	404	99	101	60-140	3	
Dibromochloromethane	ug/L	ND	400	400	398	423	100	106	60-140	6	
Dibromomethane	ug/L	ND	400	400	419	422	105	105	60-140	1	
Dichlorodifluoromethane	ug/L	ND	400	400	329	327	82	82	60-140	1	
Diisopropyl ether	ug/L	ND	400	400	351	359	88	90	60-140	2	
Ethylbenzene	ug/L	505	400	400	907	938	101	108	60-140	3	
Hexachloro-1,3-butadiene	ug/L	ND	400	400	335	354	84	88	60-140	5	
Isopropylbenzene (Cumene)	ug/L	28.9	400	400	422	437	98	102	60-140	4	
m&p-Xylene	ug/L	1840	800	800	2640	2690	100	106	60-140	2	
Methyl-tert-butyl ether	ug/L	ND	400	400	364	362	91	90	60-140	1	
Methylene Chloride	ug/L	ND	400	400	364	360	91	90	60-140	1	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92519764

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3155252 3155253

Parameter	Units	92519777006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
n-Butylbenzene	ug/L	ND	400	400	356	377	89	94	60-140	6	
n-Propylbenzene	ug/L	ND	400	400	422	439	106	110	60-140	4	
Naphthalene	ug/L	223	400	400	652	656	107	108	60-140	1	
o-Xylene	ug/L	1140	400	400	1560	1600	106	115	60-140	2	
sec-Butylbenzene	ug/L	ND	400	400	379	387	95	97	60-140	2	
Styrene	ug/L	ND	400	400	401	411	100	103	60-140	3	
tert-Butylbenzene	ug/L	ND	400	400	324	337	81	84	60-140	4	
Tetrachloroethene	ug/L	ND	400	400	380	383	95	96	60-140	1	
Toluene	ug/L	2560	400	400	2970	3070	102	127	60-140	3	
trans-1,2-Dichloroethene	ug/L	ND	400	400	381	384	95	96	60-140	1	
trans-1,3-Dichloropropene	ug/L	ND	400	400	374	389	94	97	60-140	4	
Trichloroethene	ug/L	ND	400	400	402	398	100	100	60-140	1	
Trichlorofluoromethane	ug/L	ND	400	400	388	380	97	95	60-140	2	
Vinyl chloride	ug/L	ND	400	400	358	362	89	91	60-140	1	
1,2-Dichloroethane-d4 (S)	%						95	98	70-130		
4-Bromofluorobenzene (S)	%						100	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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92519764

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92519764

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92519764001	**13926A_HC_RD_20210202**	MADEPV	1616553	MADEP VPH	1616553
92519764001	**13926A_HC_RD_20210202**	EPA 3010A	597124	EPA 6010D	597135
92519764001	**13926A_HC_RD_20210202**	SM 6200B	598435		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

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

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

WO# : 92519764

92519764

Container

** 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 _____

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: Andrew.Street@apexcos.com
Copy To:	Site Collection Info/Address: 13926A Huntersville Concord Rd
Customer Project Name/Number: 2020-21-2448 Incident	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Naomi Fretz	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Naomi Fretz	Turnaround Date Required: ASAP Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

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

Analyses: VOCs 6200B; MADEP VPH; Lead

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOCs 6200B	MADEP VPH	Lead	Lab Sample # / Comments
13926A HC RD 202122	DW	G	2-2-21	1240				8	X	X	X	001

Lab Profile/Line: 92519764

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	(NA)
Custody Signatures Present	Y	N	(NA)
Collector Signature Present	(Y)	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	(NA)
Samples in Holding Time	(Y)	N	NA
Residual Chlorine Present	Y	N	(NA)
Cl Strips: _____			
Sample pH Acceptable	(Y)	N	NA
pH Strips: 3238,99			
Sulfide Present	Y	N	(NA)
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: bubble

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

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

Lab Tracking #: 2528995

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: T226
Cooler 1 Temp Upon Receipt: 4.9 oC
Cooler 1 Therm Corr. Factor: -0.1 oC
Cooler 1 Corrected Temp: 4.8 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Fretz / Apex	2-2-21 1350	MDG Pace HVL 2221	0:50
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip 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#: 92519764**

PM: AMB Due Date: 02/09/21

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)	SPST-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1						12										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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

February 15, 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.: 92521084

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on February 09, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521084

Pace Analytical Services National
12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92521084

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92521084001	**13926B_HC_RD_20210209**	MADEP VPH	ADM	6	PAN
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521084

Sample: 13926B_HC_RD_20210209 **Lab ID: 92521084001** Collected: 02/09/21 11:45 Received: 02/09/21 13:00 Matrix: Water

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/L	100	1	02/12/21 00:47	02/12/21 00:47		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/12/21 00:47	02/12/21 00:47		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/12/21 00:47	02/12/21 00:47	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/12/21 00:47	02/12/21 00:47	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	102	%	70.0-130	1	02/12/21 00:47	02/12/21 00:47	615-59-8FID	
2,5-Dibromotoluene (PID)	90.3	%	70.0-130	1	02/12/21 00:47	02/12/21 00:47	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/11/21 01:48	02/11/21 19:51	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/12/21 00:00	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/12/21 00:00	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/12/21 00:00	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/12/21 00:00	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/12/21 00:00	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/12/21 00:00	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/12/21 00:00	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/12/21 00:00	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/12/21 00:00	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/12/21 00:00	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/12/21 00:00	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/12/21 00:00	75-00-3	
Chloroform	**8.9**	ug/L	0.50	1		02/12/21 00:00	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/12/21 00:00	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 00:00	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 00:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/12/21 00:00	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/12/21 00:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/12/21 00:00	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/12/21 00:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 00:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 00:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 00:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/12/21 00:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/12/21 00:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/12/21 00:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/12/21 00:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 00:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 00:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 00:00	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/12/21 00:00	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 00:00	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521084

Sample: 13926B_HC_RD_20210209 **Lab ID: 92521084001** Collected: 02/09/21 11:45 Received: 02/09/21 13:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1-Dichloropropene	ND	ug/L	0.50	1		02/12/21 00:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 00:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 00:00	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/12/21 00:00	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/12/21 00:00	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/12/21 00:00	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/12/21 00:00	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/12/21 00:00	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/12/21 00:00	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/12/21 00:00	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/12/21 00:00	103-65-1	
Styrene	ND	ug/L	0.50	1		02/12/21 00:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 00:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 00:00	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/12/21 00:00	127-18-4	
Toluene	ND	ug/L	0.50	1		02/12/21 00:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 00:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 00:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/12/21 00:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/12/21 00:00	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/12/21 00:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/12/21 00:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/12/21 00:00	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 00:00	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 00:00	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/12/21 00:00	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/12/21 00:00	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/12/21 00:00	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	96	%	70-130	1		02/12/21 00:00	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130	1		02/12/21 00:00	460-00-4	
Toluene-d8 (S)	99	%	70-130	1		02/12/21 00:00	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521084

QC Batch: 1620336
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92521084001

METHOD BLANK: R3622099-3 Matrix: Water
Associated Lab Samples: 92521084001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	02/11/21 22:31	
Aliphatic (C09-C12)	ug/L	ND	100	02/11/21 22:31	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	02/11/21 22:31	
Total VPH	ug/L	ND	100	02/11/21 22:31	
2,5-Dibromotoluene (FID)	%	105	70.0-130	02/11/21 22:31	
2,5-Dibromotoluene (PID)	%	93.3	70.0-130	02/11/21 22:31	

LABORATORY CONTROL SAMPLE & LCSD: R3622099-1 R3622099-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1170	1120	97.5	93.3	70.0-130	4.37	25	
Aliphatic (C09-C12)	ug/L	1400	1570	1440	112	103	70.0-130	8.64	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	230	206	115	103	70.0-130	11.0	25	
Total VPH	ug/L	2800	2970	2770	106	98.9	70.0-130	6.97	25	
2,5-Dibromotoluene (FID)	%				109	116	70.0-130			
2,5-Dibromotoluene (PID)	%				95.6	103	70.0-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521084

QC Batch: 599201
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92521084001

METHOD BLANK: 3159099 Matrix: Water
Associated Lab Samples: 92521084001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	02/11/21 19:12	

LABORATORY CONTROL SAMPLE: 3159100

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	481	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3159101 3159102

Parameter	Units	92521204002 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	491	483	98	97	75-125	2	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521084

QC Batch: 599399
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92521084001

METHOD BLANK: 3160101 Matrix: Water
Associated Lab Samples: 92521084001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1,1-Trichloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1,2-Trichloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1-Dichloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1-Dichloroethene	ug/L	ND	0.50	02/11/21 22:30	
1,1-Dichloropropene	ug/L	ND	0.50	02/11/21 22:30	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	02/11/21 22:30	
1,2,3-Trichloropropane	ug/L	ND	0.50	02/11/21 22:30	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	02/11/21 22:30	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	02/11/21 22:30	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	02/11/21 22:30	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	02/11/21 22:30	
1,2-Dichlorobenzene	ug/L	ND	0.50	02/11/21 22:30	
1,2-Dichloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,2-Dichloropropane	ug/L	ND	0.50	02/11/21 22:30	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	02/11/21 22:30	
1,3-Dichlorobenzene	ug/L	ND	0.50	02/11/21 22:30	
1,3-Dichloropropane	ug/L	ND	0.50	02/11/21 22:30	
1,4-Dichlorobenzene	ug/L	ND	0.50	02/11/21 22:30	
2,2-Dichloropropane	ug/L	ND	0.50	02/11/21 22:30	
2-Chlorotoluene	ug/L	ND	0.50	02/11/21 22:30	
4-Chlorotoluene	ug/L	ND	0.50	02/11/21 22:30	
Benzene	ug/L	ND	0.50	02/11/21 22:30	
Bromobenzene	ug/L	ND	0.50	02/11/21 22:30	
Bromochloromethane	ug/L	ND	0.50	02/11/21 22:30	
Bromodichloromethane	ug/L	ND	0.50	02/11/21 22:30	
Bromoform	ug/L	ND	0.50	02/11/21 22:30	
Bromomethane	ug/L	ND	5.0	02/11/21 22:30	
Carbon tetrachloride	ug/L	ND	0.50	02/11/21 22:30	
Chlorobenzene	ug/L	ND	0.50	02/11/21 22:30	
Chloroethane	ug/L	ND	1.0	02/11/21 22:30	
Chloroform	ug/L	ND	0.50	02/11/21 22:30	
Chloromethane	ug/L	ND	1.0	02/11/21 22:30	
cis-1,2-Dichloroethene	ug/L	ND	0.50	02/11/21 22:30	
cis-1,3-Dichloropropene	ug/L	ND	0.50	02/11/21 22:30	
Dibromochloromethane	ug/L	ND	0.50	02/11/21 22:30	
Dibromomethane	ug/L	ND	0.50	02/11/21 22:30	
Dichlorodifluoromethane	ug/L	ND	0.50	02/11/21 22:30	
Diisopropyl ether	ug/L	ND	0.50	02/11/21 22:30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521084

METHOD BLANK: 3160101 Matrix: Water
Associated Lab Samples: 92521084001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	02/11/21 22:30	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	02/11/21 22:30	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	02/11/21 22:30	
m&p-Xylene	ug/L	ND	1.0	02/11/21 22:30	
Methyl-tert-butyl ether	ug/L	ND	0.50	02/11/21 22:30	
Methylene Chloride	ug/L	ND	2.0	02/11/21 22:30	
n-Butylbenzene	ug/L	ND	0.50	02/11/21 22:30	
n-Propylbenzene	ug/L	ND	0.50	02/11/21 22:30	
Naphthalene	ug/L	ND	2.0	02/11/21 22:30	
o-Xylene	ug/L	ND	0.50	02/11/21 22:30	
sec-Butylbenzene	ug/L	ND	0.50	02/11/21 22:30	
Styrene	ug/L	ND	0.50	02/11/21 22:30	
tert-Butylbenzene	ug/L	ND	0.50	02/11/21 22:30	
Tetrachloroethene	ug/L	ND	0.50	02/11/21 22:30	
Toluene	ug/L	ND	0.50	02/11/21 22:30	
trans-1,2-Dichloroethene	ug/L	ND	0.50	02/11/21 22:30	
trans-1,3-Dichloropropene	ug/L	ND	0.50	02/11/21 22:30	
Trichloroethene	ug/L	ND	0.50	02/11/21 22:30	
Trichlorofluoromethane	ug/L	ND	1.0	02/11/21 22:30	
Vinyl chloride	ug/L	ND	1.0	02/11/21 22:30	
1,2-Dichloroethane-d4 (S)	%	95	70-130	02/11/21 22:30	
4-Bromofluorobenzene (S)	%	98	70-130	02/11/21 22:30	
Toluene-d8 (S)	%	101	70-130	02/11/21 22:30	

LABORATORY CONTROL SAMPLE: 3160102

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.6	105	60-140	
1,1,1-Trichloroethane	ug/L	50	46.6	93	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.7	95	60-140	
1,1,2-Trichloroethane	ug/L	50	49.7	99	60-140	
1,1-Dichloroethane	ug/L	50	44.3	89	60-140	
1,1-Dichloroethene	ug/L	50	44.5	89	60-140	
1,1-Dichloropropene	ug/L	50	44.4	89	60-140	
1,2,3-Trichlorobenzene	ug/L	50	50.5	101	60-140	
1,2,3-Trichloropropane	ug/L	50	47.3	95	60-140	
1,2,4-Trichlorobenzene	ug/L	50	51.4	103	60-140	
1,2,4-Trimethylbenzene	ug/L	50	45.6	91	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	57.8	116	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.7	105	60-140	
1,2-Dichlorobenzene	ug/L	50	48.7	97	60-140	
1,2-Dichloroethane	ug/L	50	42.6	85	60-140	
1,2-Dichloropropane	ug/L	50	44.9	90	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.4	91	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521084

LABORATORY CONTROL SAMPLE: 3160102

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	48.8	98	60-140	
1,3-Dichloropropane	ug/L	50	47.7	95	60-140	
1,4-Dichlorobenzene	ug/L	50	47.5	95	60-140	
2,2-Dichloropropane	ug/L	50	46.9	94	60-140	
2-Chlorotoluene	ug/L	50	45.7	91	60-140	
4-Chlorotoluene	ug/L	50	45.7	91	60-140	
Benzene	ug/L	50	43.7	87	60-140	
Bromobenzene	ug/L	50	47.7	95	60-140	
Bromochloromethane	ug/L	50	48.0	96	60-140	
Bromodichloromethane	ug/L	50	48.9	98	60-140	
Bromoform	ug/L	50	57.1	114	60-140	
Bromomethane	ug/L	50	54.4	109	60-140	
Carbon tetrachloride	ug/L	50	50.3	101	60-140	
Chlorobenzene	ug/L	50	48.9	98	60-140	
Chloroethane	ug/L	50	53.2	106	60-140	
Chloroform	ug/L	50	44.6	89	60-140	
Chloromethane	ug/L	50	42.9	86	60-140	
cis-1,2-Dichloroethene	ug/L	50	43.6	87	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.6	99	60-140	
Dibromochloromethane	ug/L	50	54.8	110	60-140	
Dibromomethane	ug/L	50	52.8	106	60-140	
Dichlorodifluoromethane	ug/L	50	50.2	100	60-140	
Diisopropyl ether	ug/L	50	39.8	80	60-140	
Ethylbenzene	ug/L	50	47.4	95	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.4	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.6	97	60-140	
m&p-Xylene	ug/L	100	93.2	93	60-140	
Methyl-tert-butyl ether	ug/L	50	43.9	88	60-140	
Methylene Chloride	ug/L	50	40.0	80	60-140	
n-Butylbenzene	ug/L	50	44.4	89	60-140	
n-Propylbenzene	ug/L	50	43.1	86	60-140	
Naphthalene	ug/L	50	51.9	104	60-140	
o-Xylene	ug/L	50	48.6	97	60-140	
sec-Butylbenzene	ug/L	50	44.8	90	60-140	
Styrene	ug/L	50	49.3	99	60-140	
tert-Butylbenzene	ug/L	50	38.9	78	60-140	
Tetrachloroethene	ug/L	50	50.2	100	60-140	
Toluene	ug/L	50	46.7	93	60-140	
trans-1,2-Dichloroethene	ug/L	50	44.7	89	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.6	97	60-140	
Trichloroethene	ug/L	50	49.3	99	60-140	
Trichlorofluoromethane	ug/L	50	44.5	89	60-140	
Vinyl chloride	ug/L	50	42.8	86	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			93	70-130	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521084

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3160103 3160104

Parameter	Units	92521084001 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	21.4	21.0	107	105	60-140	2	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.3	19.6	102	98	60-140	4	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	18.8	18.2	94	91	60-140	3	
1,1,2-Trichloroethane	ug/L	ND	20	20	19.3	19.4	97	97	60-140	0	
1,1-Dichloroethane	ug/L	ND	20	20	17.5	17.4	88	87	60-140	1	
1,1-Dichloroethene	ug/L	ND	20	20	19.2	18.7	96	93	60-140	3	
1,1-Dichloropropene	ug/L	ND	20	20	18.8	18.3	94	92	60-140	2	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	22.5	20.5	112	102	60-140	9	
1,2,3-Trichloropropane	ug/L	ND	20	20	18.0	18.2	90	91	60-140	1	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	22.9	20.8	115	104	60-140	10	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.2	19.6	101	98	60-140	3	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	24.5	22.5	122	112	60-140	9	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.1	19.7	100	99	60-140	2	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.1	19.3	101	97	60-140	4	
1,2-Dichloroethane	ug/L	ND	20	20	16.8	16.9	84	85	60-140	1	
1,2-Dichloropropane	ug/L	ND	20	20	17.1	16.8	86	84	60-140	2	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.1	19.5	100	98	60-140	3	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.5	19.8	103	99	60-140	3	
1,3-Dichloropropane	ug/L	ND	20	20	18.6	18.6	93	93	60-140	0	
1,4-Dichlorobenzene	ug/L	ND	20	20	19.7	19.3	99	96	60-140	2	
2,2-Dichloropropane	ug/L	ND	20	20	20.3	20.6	102	103	60-140	1	
2-Chlorotoluene	ug/L	ND	20	20	19.8	19.7	99	99	60-140	0	
4-Chlorotoluene	ug/L	ND	20	20	19.4	19.2	97	96	60-140	1	
Benzene	ug/L	ND	20	20	17.9	17.4	90	87	60-140	3	
Bromobenzene	ug/L	ND	20	20	20.5	20.6	103	103	60-140	0	
Bromochloromethane	ug/L	ND	20	20	18.6	19.0	93	95	60-140	2	
Bromodichloromethane	ug/L	ND	20	20	19.9	19.0	99	95	60-140	5	
Bromoform	ug/L	ND	20	20	22.6	21.8	113	109	60-140	4	
Bromomethane	ug/L	ND	20	20	25.8	27.3	129	137	60-140	6	
Carbon tetrachloride	ug/L	ND	20	20	21.4	22.1	107	110	60-140	3	
Chlorobenzene	ug/L	ND	20	20	19.7	19.6	99	98	60-140	1	
Chloroethane	ug/L	ND	20	20	20.8	21.4	104	107	60-140	3	
Chloroform	ug/L	8.9	20	20	27.5	28.1	93	96	60-140	2	
Chloromethane	ug/L	ND	20	20	17.9	18.3	90	91	60-140	2	
cis-1,2-Dichloroethene	ug/L	ND	20	20	17.6	17.4	88	87	60-140	1	
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.8	18.9	99	94	60-140	5	
Dibromochloromethane	ug/L	ND	20	20	21.7	21.1	108	105	60-140	3	
Dibromomethane	ug/L	ND	20	20	21.2	20.7	106	104	60-140	2	
Dichlorodifluoromethane	ug/L	ND	20	20	21.4	21.3	107	107	60-140	0	
Diisopropyl ether	ug/L	ND	20	20	15.3	15.3	77	76	60-140	1	
Ethylbenzene	ug/L	ND	20	20	19.7	19.3	98	97	60-140	2	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	24.4	23.2	122	116	60-140	5	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.3	20.1	102	100	60-140	1	
m&p-Xylene	ug/L	ND	40	40	39.1	38.1	98	95	60-140	3	
Methyl-tert-butyl ether	ug/L	ND	20	20	17.3	17.5	87	88	60-140	1	
Methylene Chloride	ug/L	ND	20	20	15.8	15.9	79	79	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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521084

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3160103 3160104

Parameter	Units	92521084001 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	20.0	19.1	100	95	60-140	4	
n-Propylbenzene	ug/L	ND	20	20	19.3	18.8	96	94	60-140	3	
Naphthalene	ug/L	ND	20	20	22.2	19.9	111	99	60-140	11	
o-Xylene	ug/L	ND	20	20	19.7	19.5	98	98	60-140	1	
sec-Butylbenzene	ug/L	ND	20	20	20.1	19.5	100	98	60-140	3	
Styrene	ug/L	ND	20	20	19.1	18.7	96	94	60-140	2	
tert-Butylbenzene	ug/L	ND	20	20	17.5	16.8	87	84	60-140	4	
Tetrachloroethene	ug/L	ND	20	20	21.9	20.9	110	104	60-140	5	
Toluene	ug/L	ND	20	20	18.5	18.2	93	91	60-140	2	
trans-1,2-Dichloroethene	ug/L	ND	20	20	18.4	18.0	92	90	60-140	2	
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.4	19.0	97	95	60-140	2	
Trichloroethene	ug/L	ND	20	20	20.6	19.7	103	98	60-140	5	
Trichlorofluoromethane	ug/L	ND	20	20	22.5	22.2	112	111	60-140	1	
Vinyl chloride	ug/L	ND	20	20	17.7	18.4	89	92	60-140	4	
1,2-Dichloroethane-d4 (S)	%						98	97	70-130		
4-Bromofluorobenzene (S)	%						98	98	70-130		
Toluene-d8 (S)	%						97	95	70-130		

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521084

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92521084

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92521084001	**13926B_HC_RD_20210209**	MADEPV	1620336	MADEP VPH	1620336
92521084001	**13926B_HC_RD_20210209**	EPA 3010A	599201	EPA 6010D	599224
92521084001	**13926B_HC_RD_20210209**	SM 6200B	599399		

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

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

WO# : 92521084

92521084

Company: Apex Companies
Address:
Billing Information:

Report To: Andrew Street
Email To: Andrew.Street@apexcos.com
Copy To:
Site Collection Info/Address: 13926B Huntersville Concord Rd

Customer Project Name/Number: 2020-U-2448 Incident
State: NC County/City: Huntersville
Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET

Phone:
Email:
Site/Facility ID #:
Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): Naomi Fretz
Purchase Order #:
Quote #:
DW PWS ID #:
DW Location Code:

Collected By (signature): Naomi Fretz
Turnaround Date Required: ASAP
Immediately Packed on Ice: [ ] Yes [ ] No

Sample Disposal:
[ ] Dispose as appropriate [ ] Return
[ ] Archive: ____
[ ] Hold: ____

Rush:
[ ] Same Day [ ] Next Day
[ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day
(Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis: ____

** 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 ____

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res Cl	# of Ctns	Analyses: VOCs 6200B	MADEP VPH	Lead	Lab Sample # / Comments
13926B HLPD 20210209	DW	G	2-9-21	1145				8	X	X	X	92521084 001

Lab Profile/Line:
Lab Sample Receipt Checklist:
- Custody Seals Present/Intact Y (N) NA
- Custody Signatures Present Y (N) NA
- Collector Signature Present (Y) N NA
- Bottles Intact (Y) N NA
- Correct Bottles (Y) N NA
- Sufficient Volume (Y) N NA
- Samples Received on Ice (Y) N NA
- VOA - Headspace Acceptable (Y) N NA
- USDA Regulated Soils Y N (NA)
- Samples in Holding Time (Y) N NA
- Residual Chlorine Present Y N (NA)
- Cl Strips:
- Sample pH Acceptable (Y) N NA
- pH Strips: 223819AU
- Sulfide Present Y N NA
- Lead Acetate Strips:

LE 2-9-21

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None
Packing Material Used: Bubble Bags
Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): Y N N/A
Lab Tracking #: 2615475
Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: 92T064
Cooler 1 Temp Upon Receipt: 5.9 oC
Cooler 1 Therm Corr. Factor: -0.1 oC
Cooler 1 Corrected Temp: 5.8 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Fretz / Apex	2-9-21 1300	MD / Pace HVL	2-9-21 13:00

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip 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# : 92521084**

PM: AMB Due Date: 02/16/21

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						1										6													
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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

February 15, 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.: 92521088

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on February 09, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521088

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92521088

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92521088001	**13800_HC_RD_20210209**	MADEP VPH	ADM	6	PAN
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521088

Sample: 13800_HC_RD_20210209 **Lab ID: 92521088001** Collected: 02/09/21 07:55 Received: 02/09/21 13:00 Matrix: Water

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/L	100	1	02/12/21 00:13	02/12/21 00:13		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/12/21 00:13	02/12/21 00:13		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/12/21 00:13	02/12/21 00:13	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/12/21 00:13	02/12/21 00:13	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	99.3	%	70.0-130	1	02/12/21 00:13	02/12/21 00:13	615-59-8FID	
2,5-Dibromotoluene (PID)	89.7	%	70.0-130	1	02/12/21 00:13	02/12/21 00:13	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	**5.1**	ug/L	5.0	1	02/11/21 01:48	02/11/21 19:54	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/12/21 00:18	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/12/21 00:18	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/12/21 00:18	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/12/21 00:18	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/12/21 00:18	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/12/21 00:18	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/12/21 00:18	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/12/21 00:18	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/12/21 00:18	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/12/21 00:18	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/12/21 00:18	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/12/21 00:18	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/12/21 00:18	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/12/21 00:18	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 00:18	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 00:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/12/21 00:18	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/12/21 00:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/12/21 00:18	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/12/21 00:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 00:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 00:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 00:18	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/12/21 00:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/12/21 00:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/12/21 00:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/12/21 00:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 00:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 00:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 00:18	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/12/21 00:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 00:18	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521088

Sample: 13800_HC_RD_20210209 **Lab ID: 92521088001** Collected: 02/09/21 07:55 Received: 02/09/21 13:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1-Dichloropropene	ND	ug/L	0.50	1		02/12/21 00:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 00:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 00:18	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/12/21 00:18	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/12/21 00:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/12/21 00:18	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/12/21 00:18	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/12/21 00:18	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/12/21 00:18	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/12/21 00:18	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/12/21 00:18	103-65-1	
Styrene	ND	ug/L	0.50	1		02/12/21 00:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 00:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 00:18	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/12/21 00:18	127-18-4	
Toluene	ND	ug/L	0.50	1		02/12/21 00:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 00:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 00:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/12/21 00:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/12/21 00:18	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/12/21 00:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/12/21 00:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/12/21 00:18	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 00:18	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 00:18	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/12/21 00:18	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/12/21 00:18	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/12/21 00:18	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	96	%	70-130	1		02/12/21 00:18	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130	1		02/12/21 00:18	460-00-4	
Toluene-d8 (S)	100	%	70-130	1		02/12/21 00:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521088

QC Batch: 1620336
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92521088001

METHOD BLANK: R3622099-3 Matrix: Water
Associated Lab Samples: 92521088001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	02/11/21 22:31	
Aliphatic (C09-C12)	ug/L	ND	100	02/11/21 22:31	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	02/11/21 22:31	
Total VPH	ug/L	ND	100	02/11/21 22:31	
2,5-Dibromotoluene (FID)	%	105	70.0-130	02/11/21 22:31	
2,5-Dibromotoluene (PID)	%	93.3	70.0-130	02/11/21 22:31	

LABORATORY CONTROL SAMPLE & LCSD: R3622099-1 R3622099-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1170	1120	97.5	93.3	70.0-130	4.37	25	
Aliphatic (C09-C12)	ug/L	1400	1570	1440	112	103	70.0-130	8.64	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	230	206	115	103	70.0-130	11.0	25	
Total VPH	ug/L	2800	2970	2770	106	98.9	70.0-130	6.97	25	
2,5-Dibromotoluene (FID)	%				109	116	70.0-130			
2,5-Dibromotoluene (PID)	%				95.6	103	70.0-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521088

QC Batch: 599201
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92521088001

METHOD BLANK: 3159099 Matrix: Water
Associated Lab Samples: 92521088001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	02/11/21 19:12	

LABORATORY CONTROL SAMPLE: 3159100

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	481	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3159101 3159102

Parameter	Units	92521204002 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	491	483	98	97	75-125	2	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521088

QC Batch: 599399
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92521088001

METHOD BLANK: 3160101 Matrix: Water
Associated Lab Samples: 92521088001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1,1-Trichloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1,2-Trichloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1-Dichloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1-Dichloroethene	ug/L	ND	0.50	02/11/21 22:30	
1,1-Dichloropropene	ug/L	ND	0.50	02/11/21 22:30	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	02/11/21 22:30	
1,2,3-Trichloropropane	ug/L	ND	0.50	02/11/21 22:30	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	02/11/21 22:30	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	02/11/21 22:30	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	02/11/21 22:30	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	02/11/21 22:30	
1,2-Dichlorobenzene	ug/L	ND	0.50	02/11/21 22:30	
1,2-Dichloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,2-Dichloropropane	ug/L	ND	0.50	02/11/21 22:30	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	02/11/21 22:30	
1,3-Dichlorobenzene	ug/L	ND	0.50	02/11/21 22:30	
1,3-Dichloropropane	ug/L	ND	0.50	02/11/21 22:30	
1,4-Dichlorobenzene	ug/L	ND	0.50	02/11/21 22:30	
2,2-Dichloropropane	ug/L	ND	0.50	02/11/21 22:30	
2-Chlorotoluene	ug/L	ND	0.50	02/11/21 22:30	
4-Chlorotoluene	ug/L	ND	0.50	02/11/21 22:30	
Benzene	ug/L	ND	0.50	02/11/21 22:30	
Bromobenzene	ug/L	ND	0.50	02/11/21 22:30	
Bromochloromethane	ug/L	ND	0.50	02/11/21 22:30	
Bromodichloromethane	ug/L	ND	0.50	02/11/21 22:30	
Bromoform	ug/L	ND	0.50	02/11/21 22:30	
Bromomethane	ug/L	ND	5.0	02/11/21 22:30	
Carbon tetrachloride	ug/L	ND	0.50	02/11/21 22:30	
Chlorobenzene	ug/L	ND	0.50	02/11/21 22:30	
Chloroethane	ug/L	ND	1.0	02/11/21 22:30	
Chloroform	ug/L	ND	0.50	02/11/21 22:30	
Chloromethane	ug/L	ND	1.0	02/11/21 22:30	
cis-1,2-Dichloroethene	ug/L	ND	0.50	02/11/21 22:30	
cis-1,3-Dichloropropene	ug/L	ND	0.50	02/11/21 22:30	
Dibromochloromethane	ug/L	ND	0.50	02/11/21 22:30	
Dibromomethane	ug/L	ND	0.50	02/11/21 22:30	
Dichlorodifluoromethane	ug/L	ND	0.50	02/11/21 22:30	
Diisopropyl ether	ug/L	ND	0.50	02/11/21 22:30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521088

METHOD BLANK: 3160101 Matrix: Water
Associated Lab Samples: 92521088001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	02/11/21 22:30	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	02/11/21 22:30	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	02/11/21 22:30	
m&p-Xylene	ug/L	ND	1.0	02/11/21 22:30	
Methyl-tert-butyl ether	ug/L	ND	0.50	02/11/21 22:30	
Methylene Chloride	ug/L	ND	2.0	02/11/21 22:30	
n-Butylbenzene	ug/L	ND	0.50	02/11/21 22:30	
n-Propylbenzene	ug/L	ND	0.50	02/11/21 22:30	
Naphthalene	ug/L	ND	2.0	02/11/21 22:30	
o-Xylene	ug/L	ND	0.50	02/11/21 22:30	
sec-Butylbenzene	ug/L	ND	0.50	02/11/21 22:30	
Styrene	ug/L	ND	0.50	02/11/21 22:30	
tert-Butylbenzene	ug/L	ND	0.50	02/11/21 22:30	
Tetrachloroethene	ug/L	ND	0.50	02/11/21 22:30	
Toluene	ug/L	ND	0.50	02/11/21 22:30	
trans-1,2-Dichloroethene	ug/L	ND	0.50	02/11/21 22:30	
trans-1,3-Dichloropropene	ug/L	ND	0.50	02/11/21 22:30	
Trichloroethene	ug/L	ND	0.50	02/11/21 22:30	
Trichlorofluoromethane	ug/L	ND	1.0	02/11/21 22:30	
Vinyl chloride	ug/L	ND	1.0	02/11/21 22:30	
1,2-Dichloroethane-d4 (S)	%	95	70-130	02/11/21 22:30	
4-Bromofluorobenzene (S)	%	98	70-130	02/11/21 22:30	
Toluene-d8 (S)	%	101	70-130	02/11/21 22:30	

LABORATORY CONTROL SAMPLE: 3160102

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.6	105	60-140	
1,1,1-Trichloroethane	ug/L	50	46.6	93	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.7	95	60-140	
1,1,2-Trichloroethane	ug/L	50	49.7	99	60-140	
1,1-Dichloroethane	ug/L	50	44.3	89	60-140	
1,1-Dichloroethene	ug/L	50	44.5	89	60-140	
1,1-Dichloropropene	ug/L	50	44.4	89	60-140	
1,2,3-Trichlorobenzene	ug/L	50	50.5	101	60-140	
1,2,3-Trichloropropane	ug/L	50	47.3	95	60-140	
1,2,4-Trichlorobenzene	ug/L	50	51.4	103	60-140	
1,2,4-Trimethylbenzene	ug/L	50	45.6	91	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	57.8	116	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.7	105	60-140	
1,2-Dichlorobenzene	ug/L	50	48.7	97	60-140	
1,2-Dichloroethane	ug/L	50	42.6	85	60-140	
1,2-Dichloropropane	ug/L	50	44.9	90	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.4	91	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521088

LABORATORY CONTROL SAMPLE: 3160102

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	48.8	98	60-140	
1,3-Dichloropropane	ug/L	50	47.7	95	60-140	
1,4-Dichlorobenzene	ug/L	50	47.5	95	60-140	
2,2-Dichloropropane	ug/L	50	46.9	94	60-140	
2-Chlorotoluene	ug/L	50	45.7	91	60-140	
4-Chlorotoluene	ug/L	50	45.7	91	60-140	
Benzene	ug/L	50	43.7	87	60-140	
Bromobenzene	ug/L	50	47.7	95	60-140	
Bromochloromethane	ug/L	50	48.0	96	60-140	
Bromodichloromethane	ug/L	50	48.9	98	60-140	
Bromoform	ug/L	50	57.1	114	60-140	
Bromomethane	ug/L	50	54.4	109	60-140	
Carbon tetrachloride	ug/L	50	50.3	101	60-140	
Chlorobenzene	ug/L	50	48.9	98	60-140	
Chloroethane	ug/L	50	53.2	106	60-140	
Chloroform	ug/L	50	44.6	89	60-140	
Chloromethane	ug/L	50	42.9	86	60-140	
cis-1,2-Dichloroethene	ug/L	50	43.6	87	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.6	99	60-140	
Dibromochloromethane	ug/L	50	54.8	110	60-140	
Dibromomethane	ug/L	50	52.8	106	60-140	
Dichlorodifluoromethane	ug/L	50	50.2	100	60-140	
Diisopropyl ether	ug/L	50	39.8	80	60-140	
Ethylbenzene	ug/L	50	47.4	95	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.4	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.6	97	60-140	
m&p-Xylene	ug/L	100	93.2	93	60-140	
Methyl-tert-butyl ether	ug/L	50	43.9	88	60-140	
Methylene Chloride	ug/L	50	40.0	80	60-140	
n-Butylbenzene	ug/L	50	44.4	89	60-140	
n-Propylbenzene	ug/L	50	43.1	86	60-140	
Naphthalene	ug/L	50	51.9	104	60-140	
o-Xylene	ug/L	50	48.6	97	60-140	
sec-Butylbenzene	ug/L	50	44.8	90	60-140	
Styrene	ug/L	50	49.3	99	60-140	
tert-Butylbenzene	ug/L	50	38.9	78	60-140	
Tetrachloroethene	ug/L	50	50.2	100	60-140	
Toluene	ug/L	50	46.7	93	60-140	
trans-1,2-Dichloroethene	ug/L	50	44.7	89	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.6	97	60-140	
Trichloroethene	ug/L	50	49.3	99	60-140	
Trichlorofluoromethane	ug/L	50	44.5	89	60-140	
Vinyl chloride	ug/L	50	42.8	86	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			93	70-130	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521088

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3160103 3160104

Parameter	Units	92521084001 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	21.4	21.0	107	105	60-140	2	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.3	19.6	102	98	60-140	4	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	18.8	18.2	94	91	60-140	3	
1,1,2-Trichloroethane	ug/L	ND	20	20	19.3	19.4	97	97	60-140	0	
1,1-Dichloroethane	ug/L	ND	20	20	17.5	17.4	88	87	60-140	1	
1,1-Dichloroethene	ug/L	ND	20	20	19.2	18.7	96	93	60-140	3	
1,1-Dichloropropene	ug/L	ND	20	20	18.8	18.3	94	92	60-140	2	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	22.5	20.5	112	102	60-140	9	
1,2,3-Trichloropropane	ug/L	ND	20	20	18.0	18.2	90	91	60-140	1	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	22.9	20.8	115	104	60-140	10	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.2	19.6	101	98	60-140	3	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	24.5	22.5	122	112	60-140	9	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.1	19.7	100	99	60-140	2	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.1	19.3	101	97	60-140	4	
1,2-Dichloroethane	ug/L	ND	20	20	16.8	16.9	84	85	60-140	1	
1,2-Dichloropropane	ug/L	ND	20	20	17.1	16.8	86	84	60-140	2	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.1	19.5	100	98	60-140	3	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.5	19.8	103	99	60-140	3	
1,3-Dichloropropane	ug/L	ND	20	20	18.6	18.6	93	93	60-140	0	
1,4-Dichlorobenzene	ug/L	ND	20	20	19.7	19.3	99	96	60-140	2	
2,2-Dichloropropane	ug/L	ND	20	20	20.3	20.6	102	103	60-140	1	
2-Chlorotoluene	ug/L	ND	20	20	19.8	19.7	99	99	60-140	0	
4-Chlorotoluene	ug/L	ND	20	20	19.4	19.2	97	96	60-140	1	
Benzene	ug/L	ND	20	20	17.9	17.4	90	87	60-140	3	
Bromobenzene	ug/L	ND	20	20	20.5	20.6	103	103	60-140	0	
Bromochloromethane	ug/L	ND	20	20	18.6	19.0	93	95	60-140	2	
Bromodichloromethane	ug/L	ND	20	20	19.9	19.0	99	95	60-140	5	
Bromoform	ug/L	ND	20	20	22.6	21.8	113	109	60-140	4	
Bromomethane	ug/L	ND	20	20	25.8	27.3	129	137	60-140	6	
Carbon tetrachloride	ug/L	ND	20	20	21.4	22.1	107	110	60-140	3	
Chlorobenzene	ug/L	ND	20	20	19.7	19.6	99	98	60-140	1	
Chloroethane	ug/L	ND	20	20	20.8	21.4	104	107	60-140	3	
Chloroform	ug/L	8.9	20	20	27.5	28.1	93	96	60-140	2	
Chloromethane	ug/L	ND	20	20	17.9	18.3	90	91	60-140	2	
cis-1,2-Dichloroethene	ug/L	ND	20	20	17.6	17.4	88	87	60-140	1	
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.8	18.9	99	94	60-140	5	
Dibromochloromethane	ug/L	ND	20	20	21.7	21.1	108	105	60-140	3	
Dibromomethane	ug/L	ND	20	20	21.2	20.7	106	104	60-140	2	
Dichlorodifluoromethane	ug/L	ND	20	20	21.4	21.3	107	107	60-140	0	
Diisopropyl ether	ug/L	ND	20	20	15.3	15.3	77	76	60-140	1	
Ethylbenzene	ug/L	ND	20	20	19.7	19.3	98	97	60-140	2	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	24.4	23.2	122	116	60-140	5	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.3	20.1	102	100	60-140	1	
m&p-Xylene	ug/L	ND	40	40	39.1	38.1	98	95	60-140	3	
Methyl-tert-butyl ether	ug/L	ND	20	20	17.3	17.5	87	88	60-140	1	
Methylene Chloride	ug/L	ND	20	20	15.8	15.9	79	79	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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521088

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3160103 3160104

Parameter	Units	92521084001 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	20.0	19.1	100	95	60-140	4	
n-Propylbenzene	ug/L	ND	20	20	19.3	18.8	96	94	60-140	3	
Naphthalene	ug/L	ND	20	20	22.2	19.9	111	99	60-140	11	
o-Xylene	ug/L	ND	20	20	19.7	19.5	98	98	60-140	1	
sec-Butylbenzene	ug/L	ND	20	20	20.1	19.5	100	98	60-140	3	
Styrene	ug/L	ND	20	20	19.1	18.7	96	94	60-140	2	
tert-Butylbenzene	ug/L	ND	20	20	17.5	16.8	87	84	60-140	4	
Tetrachloroethene	ug/L	ND	20	20	21.9	20.9	110	104	60-140	5	
Toluene	ug/L	ND	20	20	18.5	18.2	93	91	60-140	2	
trans-1,2-Dichloroethene	ug/L	ND	20	20	18.4	18.0	92	90	60-140	2	
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.4	19.0	97	95	60-140	2	
Trichloroethene	ug/L	ND	20	20	20.6	19.7	103	98	60-140	5	
Trichlorofluoromethane	ug/L	ND	20	20	22.5	22.2	112	111	60-140	1	
Vinyl chloride	ug/L	ND	20	20	17.7	18.4	89	92	60-140	4	
1,2-Dichloroethane-d4 (S)	%						98	97	70-130		
4-Bromofluorobenzene (S)	%						98	98	70-130		
Toluene-d8 (S)	%						97	95	70-130		

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521088

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92521088

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92521088001	**13800_HC_RD_20210209**	MADEPV	1620336	MADEP VPH	1620336
92521088001	**13800_HC_RD_20210209**	EPA 3010A	599201	EPA 6010D	599224
92521088001	**13800_HC_RD_20210209**	SM 6200B	599399		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

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

WO# : 92521088

92521088

LAB U... Number or

Company: Apex Companies

Billing Information:

Address:

Report To: Andrew Street

Email To: Andrew.Street@apexcos.com

Copy To: Andrew

Site Collection Info/Address: 13800 Huntersville Concord Rd

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

State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET

Phone:
Email:

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): Naomi Fietz

Purchase Order #:
Quote #:

DW PWS ID #:
DW Location Code:

Collected By (signature): Naomi Fietz

Turnaround Date Required: ASAP

Immediately Packed on Ice: [ ] Yes [ ] No

Sample Disposal:
[ ] Dispose as appropriate [ ] Return
[ ] Archive: _____
[ ] Hold: _____

Rush:
[ ] Same Day [ ] Next Day
[ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day
(Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

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

Container Preservative Type **

Lab Project Manager:

** 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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOCs 6200B	MADEP VPH	Lead	Lab Profile/Line:
13800.HC.PD.20210209	DW	G	2-9-21	0755				8	X	X	X	001

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N	NA
Custody Signatures Present	Y N	NA
Collector Signature Present	Y N	NA
Bottles Intact	Y N	NA
Correct Bottles	Y N	NA
Sufficient Volume	Y N	NA
Samples Received on Ice	Y N	NA
VOA - Headspace Acceptable	Y N	NA
USDA Regulated Soils	Y N	NA
Samples in Holding Time	Y N	NA
Residual Chlorine Present	Y N	NA
Cl Strips:		
Sample pH Acceptable	Y N	NA
pH Strips: 223619 A4		
Sulfide Present	Y N	NA
Lead Acetate Strips:		

LAB USE ONLY:
Lab Sample # / Comments:

92521088

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: Bubble Bags

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

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

Lab Tracking #: 2528996

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 921064
Cooler 1 Temp Upon Receipt: 5.9 oC
Cooler 1 Therm Corr. Factor: -0.1 oC
Cooler 1 Corrected Temp: 5.8 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Fietz / Apex	2-9-21 1300	MP/Pace HVL	2-9-21 1300
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip 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# : 92521088**

PM: AMB Due Date: 02/16/21

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						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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

February 15, 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.: 92521093

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on February 09, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521093

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92521093

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92521093001	**14401_HC_RD_20210209**	MADEP VPH	ADM	6	PAN
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521093

Sample: 14401_HC_RD_20210209 **Lab ID: 92521093001** Collected: 02/09/21 08:45 Received: 02/09/21 13:00 Matrix: Water

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/L	100	1	02/11/21 23:05	02/11/21 23:05		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/11/21 23:05	02/11/21 23:05		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/11/21 23:05	02/11/21 23:05	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/11/21 23:05	02/11/21 23:05	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	108	%	70.0-130	1	02/11/21 23:05	02/11/21 23:05	615-59-8FID	
2,5-Dibromotoluene (PID)	94.0	%	70.0-130	1	02/11/21 23:05	02/11/21 23:05	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/11/21 01:48	02/11/21 19:57	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/12/21 00:36	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/12/21 00:36	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/12/21 00:36	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/12/21 00:36	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/12/21 00:36	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/12/21 00:36	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/12/21 00:36	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/12/21 00:36	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/12/21 00:36	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/12/21 00:36	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/12/21 00:36	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/12/21 00:36	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/12/21 00:36	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/12/21 00:36	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 00:36	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 00:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/12/21 00:36	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/12/21 00:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/12/21 00:36	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/12/21 00:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 00:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 00:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 00:36	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/12/21 00:36	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/12/21 00:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/12/21 00:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/12/21 00:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 00:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 00:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 00:36	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/12/21 00:36	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 00:36	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521093

Sample: 14401_HC_RD_20210209 **Lab ID: 92521093001** Collected: 02/09/21 08:45 Received: 02/09/21 13:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1-Dichloropropene	ND	ug/L	0.50	1		02/12/21 00:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 00:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 00:36	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/12/21 00:36	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/12/21 00:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/12/21 00:36	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/12/21 00:36	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/12/21 00:36	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/12/21 00:36	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/12/21 00:36	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/12/21 00:36	103-65-1	
Styrene	ND	ug/L	0.50	1		02/12/21 00:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 00:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 00:36	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/12/21 00:36	127-18-4	
Toluene	ND	ug/L	0.50	1		02/12/21 00:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 00:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 00:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/12/21 00:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/12/21 00:36	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/12/21 00:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/12/21 00:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/12/21 00:36	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 00:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 00:36	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/12/21 00:36	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/12/21 00:36	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/12/21 00:36	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	96	%	70-130	1		02/12/21 00:36	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130	1		02/12/21 00:36	460-00-4	
Toluene-d8 (S)	101	%	70-130	1		02/12/21 00:36	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521093

QC Batch: 1620336
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92521093001

METHOD BLANK: R3622099-3 Matrix: Water
Associated Lab Samples: 92521093001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	02/11/21 22:31	
Aliphatic (C09-C12)	ug/L	ND	100	02/11/21 22:31	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	02/11/21 22:31	
Total VPH	ug/L	ND	100	02/11/21 22:31	
2,5-Dibromotoluene (FID)	%	105	70.0-130	02/11/21 22:31	
2,5-Dibromotoluene (PID)	%	93.3	70.0-130	02/11/21 22:31	

LABORATORY CONTROL SAMPLE & LCSD: R3622099-1 R3622099-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1170	1120	97.5	93.3	70.0-130	4.37	25	
Aliphatic (C09-C12)	ug/L	1400	1570	1440	112	103	70.0-130	8.64	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	230	206	115	103	70.0-130	11.0	25	
Total VPH	ug/L	2800	2970	2770	106	98.9	70.0-130	6.97	25	
2,5-Dibromotoluene (FID)	%				109	116	70.0-130			
2,5-Dibromotoluene (PID)	%				95.6	103	70.0-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521093

QC Batch: 599201
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92521093001

METHOD BLANK: 3159099 Matrix: Water
Associated Lab Samples: 92521093001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	02/11/21 19:12	

LABORATORY CONTROL SAMPLE: 3159100

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	481	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3159101 3159102

Parameter	Units	92521204002 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	491	483	98	97	75-125	2	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521093

QC Batch: 599399
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92521093001

METHOD BLANK: 3160101 Matrix: Water
Associated Lab Samples: 92521093001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1,1-Trichloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1,2-Trichloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1-Dichloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1-Dichloroethene	ug/L	ND	0.50	02/11/21 22:30	
1,1-Dichloropropene	ug/L	ND	0.50	02/11/21 22:30	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	02/11/21 22:30	
1,2,3-Trichloropropane	ug/L	ND	0.50	02/11/21 22:30	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	02/11/21 22:30	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	02/11/21 22:30	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	02/11/21 22:30	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	02/11/21 22:30	
1,2-Dichlorobenzene	ug/L	ND	0.50	02/11/21 22:30	
1,2-Dichloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,2-Dichloropropane	ug/L	ND	0.50	02/11/21 22:30	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	02/11/21 22:30	
1,3-Dichlorobenzene	ug/L	ND	0.50	02/11/21 22:30	
1,3-Dichloropropane	ug/L	ND	0.50	02/11/21 22:30	
1,4-Dichlorobenzene	ug/L	ND	0.50	02/11/21 22:30	
2,2-Dichloropropane	ug/L	ND	0.50	02/11/21 22:30	
2-Chlorotoluene	ug/L	ND	0.50	02/11/21 22:30	
4-Chlorotoluene	ug/L	ND	0.50	02/11/21 22:30	
Benzene	ug/L	ND	0.50	02/11/21 22:30	
Bromobenzene	ug/L	ND	0.50	02/11/21 22:30	
Bromochloromethane	ug/L	ND	0.50	02/11/21 22:30	
Bromodichloromethane	ug/L	ND	0.50	02/11/21 22:30	
Bromoform	ug/L	ND	0.50	02/11/21 22:30	
Bromomethane	ug/L	ND	5.0	02/11/21 22:30	
Carbon tetrachloride	ug/L	ND	0.50	02/11/21 22:30	
Chlorobenzene	ug/L	ND	0.50	02/11/21 22:30	
Chloroethane	ug/L	ND	1.0	02/11/21 22:30	
Chloroform	ug/L	ND	0.50	02/11/21 22:30	
Chloromethane	ug/L	ND	1.0	02/11/21 22:30	
cis-1,2-Dichloroethene	ug/L	ND	0.50	02/11/21 22:30	
cis-1,3-Dichloropropene	ug/L	ND	0.50	02/11/21 22:30	
Dibromochloromethane	ug/L	ND	0.50	02/11/21 22:30	
Dibromomethane	ug/L	ND	0.50	02/11/21 22:30	
Dichlorodifluoromethane	ug/L	ND	0.50	02/11/21 22:30	
Diisopropyl ether	ug/L	ND	0.50	02/11/21 22:30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521093

METHOD BLANK: 3160101 Matrix: Water
Associated Lab Samples: 92521093001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	02/11/21 22:30	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	02/11/21 22:30	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	02/11/21 22:30	
m&p-Xylene	ug/L	ND	1.0	02/11/21 22:30	
Methyl-tert-butyl ether	ug/L	ND	0.50	02/11/21 22:30	
Methylene Chloride	ug/L	ND	2.0	02/11/21 22:30	
n-Butylbenzene	ug/L	ND	0.50	02/11/21 22:30	
n-Propylbenzene	ug/L	ND	0.50	02/11/21 22:30	
Naphthalene	ug/L	ND	2.0	02/11/21 22:30	
o-Xylene	ug/L	ND	0.50	02/11/21 22:30	
sec-Butylbenzene	ug/L	ND	0.50	02/11/21 22:30	
Styrene	ug/L	ND	0.50	02/11/21 22:30	
tert-Butylbenzene	ug/L	ND	0.50	02/11/21 22:30	
Tetrachloroethene	ug/L	ND	0.50	02/11/21 22:30	
Toluene	ug/L	ND	0.50	02/11/21 22:30	
trans-1,2-Dichloroethene	ug/L	ND	0.50	02/11/21 22:30	
trans-1,3-Dichloropropene	ug/L	ND	0.50	02/11/21 22:30	
Trichloroethene	ug/L	ND	0.50	02/11/21 22:30	
Trichlorofluoromethane	ug/L	ND	1.0	02/11/21 22:30	
Vinyl chloride	ug/L	ND	1.0	02/11/21 22:30	
1,2-Dichloroethane-d4 (S)	%	95	70-130	02/11/21 22:30	
4-Bromofluorobenzene (S)	%	98	70-130	02/11/21 22:30	
Toluene-d8 (S)	%	101	70-130	02/11/21 22:30	

LABORATORY CONTROL SAMPLE: 3160102

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.6	105	60-140	
1,1,1-Trichloroethane	ug/L	50	46.6	93	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.7	95	60-140	
1,1,2-Trichloroethane	ug/L	50	49.7	99	60-140	
1,1-Dichloroethane	ug/L	50	44.3	89	60-140	
1,1-Dichloroethene	ug/L	50	44.5	89	60-140	
1,1-Dichloropropene	ug/L	50	44.4	89	60-140	
1,2,3-Trichlorobenzene	ug/L	50	50.5	101	60-140	
1,2,3-Trichloropropane	ug/L	50	47.3	95	60-140	
1,2,4-Trichlorobenzene	ug/L	50	51.4	103	60-140	
1,2,4-Trimethylbenzene	ug/L	50	45.6	91	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	57.8	116	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.7	105	60-140	
1,2-Dichlorobenzene	ug/L	50	48.7	97	60-140	
1,2-Dichloroethane	ug/L	50	42.6	85	60-140	
1,2-Dichloropropane	ug/L	50	44.9	90	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.4	91	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521093

LABORATORY CONTROL SAMPLE: 3160102

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	48.8	98	60-140	
1,3-Dichloropropane	ug/L	50	47.7	95	60-140	
1,4-Dichlorobenzene	ug/L	50	47.5	95	60-140	
2,2-Dichloropropane	ug/L	50	46.9	94	60-140	
2-Chlorotoluene	ug/L	50	45.7	91	60-140	
4-Chlorotoluene	ug/L	50	45.7	91	60-140	
Benzene	ug/L	50	43.7	87	60-140	
Bromobenzene	ug/L	50	47.7	95	60-140	
Bromochloromethane	ug/L	50	48.0	96	60-140	
Bromodichloromethane	ug/L	50	48.9	98	60-140	
Bromoform	ug/L	50	57.1	114	60-140	
Bromomethane	ug/L	50	54.4	109	60-140	
Carbon tetrachloride	ug/L	50	50.3	101	60-140	
Chlorobenzene	ug/L	50	48.9	98	60-140	
Chloroethane	ug/L	50	53.2	106	60-140	
Chloroform	ug/L	50	44.6	89	60-140	
Chloromethane	ug/L	50	42.9	86	60-140	
cis-1,2-Dichloroethene	ug/L	50	43.6	87	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.6	99	60-140	
Dibromochloromethane	ug/L	50	54.8	110	60-140	
Dibromomethane	ug/L	50	52.8	106	60-140	
Dichlorodifluoromethane	ug/L	50	50.2	100	60-140	
Diisopropyl ether	ug/L	50	39.8	80	60-140	
Ethylbenzene	ug/L	50	47.4	95	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.4	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.6	97	60-140	
m&p-Xylene	ug/L	100	93.2	93	60-140	
Methyl-tert-butyl ether	ug/L	50	43.9	88	60-140	
Methylene Chloride	ug/L	50	40.0	80	60-140	
n-Butylbenzene	ug/L	50	44.4	89	60-140	
n-Propylbenzene	ug/L	50	43.1	86	60-140	
Naphthalene	ug/L	50	51.9	104	60-140	
o-Xylene	ug/L	50	48.6	97	60-140	
sec-Butylbenzene	ug/L	50	44.8	90	60-140	
Styrene	ug/L	50	49.3	99	60-140	
tert-Butylbenzene	ug/L	50	38.9	78	60-140	
Tetrachloroethene	ug/L	50	50.2	100	60-140	
Toluene	ug/L	50	46.7	93	60-140	
trans-1,2-Dichloroethene	ug/L	50	44.7	89	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.6	97	60-140	
Trichloroethene	ug/L	50	49.3	99	60-140	
Trichlorofluoromethane	ug/L	50	44.5	89	60-140	
Vinyl chloride	ug/L	50	42.8	86	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			93	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521093

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3160103 3160104

Parameter	Units	92521084001 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	21.4	21.0	107	105	60-140	2	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.3	19.6	102	98	60-140	4	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	18.8	18.2	94	91	60-140	3	
1,1,2-Trichloroethane	ug/L	ND	20	20	19.3	19.4	97	97	60-140	0	
1,1-Dichloroethane	ug/L	ND	20	20	17.5	17.4	88	87	60-140	1	
1,1-Dichloroethene	ug/L	ND	20	20	19.2	18.7	96	93	60-140	3	
1,1-Dichloropropene	ug/L	ND	20	20	18.8	18.3	94	92	60-140	2	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	22.5	20.5	112	102	60-140	9	
1,2,3-Trichloropropane	ug/L	ND	20	20	18.0	18.2	90	91	60-140	1	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	22.9	20.8	115	104	60-140	10	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.2	19.6	101	98	60-140	3	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	24.5	22.5	122	112	60-140	9	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.1	19.7	100	99	60-140	2	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.1	19.3	101	97	60-140	4	
1,2-Dichloroethane	ug/L	ND	20	20	16.8	16.9	84	85	60-140	1	
1,2-Dichloropropane	ug/L	ND	20	20	17.1	16.8	86	84	60-140	2	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.1	19.5	100	98	60-140	3	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.5	19.8	103	99	60-140	3	
1,3-Dichloropropane	ug/L	ND	20	20	18.6	18.6	93	93	60-140	0	
1,4-Dichlorobenzene	ug/L	ND	20	20	19.7	19.3	99	96	60-140	2	
2,2-Dichloropropane	ug/L	ND	20	20	20.3	20.6	102	103	60-140	1	
2-Chlorotoluene	ug/L	ND	20	20	19.8	19.7	99	99	60-140	0	
4-Chlorotoluene	ug/L	ND	20	20	19.4	19.2	97	96	60-140	1	
Benzene	ug/L	ND	20	20	17.9	17.4	90	87	60-140	3	
Bromobenzene	ug/L	ND	20	20	20.5	20.6	103	103	60-140	0	
Bromochloromethane	ug/L	ND	20	20	18.6	19.0	93	95	60-140	2	
Bromodichloromethane	ug/L	ND	20	20	19.9	19.0	99	95	60-140	5	
Bromoform	ug/L	ND	20	20	22.6	21.8	113	109	60-140	4	
Bromomethane	ug/L	ND	20	20	25.8	27.3	129	137	60-140	6	
Carbon tetrachloride	ug/L	ND	20	20	21.4	22.1	107	110	60-140	3	
Chlorobenzene	ug/L	ND	20	20	19.7	19.6	99	98	60-140	1	
Chloroethane	ug/L	ND	20	20	20.8	21.4	104	107	60-140	3	
Chloroform	ug/L	8.9	20	20	27.5	28.1	93	96	60-140	2	
Chloromethane	ug/L	ND	20	20	17.9	18.3	90	91	60-140	2	
cis-1,2-Dichloroethene	ug/L	ND	20	20	17.6	17.4	88	87	60-140	1	
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.8	18.9	99	94	60-140	5	
Dibromochloromethane	ug/L	ND	20	20	21.7	21.1	108	105	60-140	3	
Dibromomethane	ug/L	ND	20	20	21.2	20.7	106	104	60-140	2	
Dichlorodifluoromethane	ug/L	ND	20	20	21.4	21.3	107	107	60-140	0	
Diisopropyl ether	ug/L	ND	20	20	15.3	15.3	77	76	60-140	1	
Ethylbenzene	ug/L	ND	20	20	19.7	19.3	98	97	60-140	2	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	24.4	23.2	122	116	60-140	5	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.3	20.1	102	100	60-140	1	
m&p-Xylene	ug/L	ND	40	40	39.1	38.1	98	95	60-140	3	
Methyl-tert-butyl ether	ug/L	ND	20	20	17.3	17.5	87	88	60-140	1	
Methylene Chloride	ug/L	ND	20	20	15.8	15.9	79	79	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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521093

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3160103 3160104

Parameter	Units	92521084001 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	20.0	19.1	100	95	60-140	4	
n-Propylbenzene	ug/L	ND	20	20	19.3	18.8	96	94	60-140	3	
Naphthalene	ug/L	ND	20	20	22.2	19.9	111	99	60-140	11	
o-Xylene	ug/L	ND	20	20	19.7	19.5	98	98	60-140	1	
sec-Butylbenzene	ug/L	ND	20	20	20.1	19.5	100	98	60-140	3	
Styrene	ug/L	ND	20	20	19.1	18.7	96	94	60-140	2	
tert-Butylbenzene	ug/L	ND	20	20	17.5	16.8	87	84	60-140	4	
Tetrachloroethene	ug/L	ND	20	20	21.9	20.9	110	104	60-140	5	
Toluene	ug/L	ND	20	20	18.5	18.2	93	91	60-140	2	
trans-1,2-Dichloroethene	ug/L	ND	20	20	18.4	18.0	92	90	60-140	2	
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.4	19.0	97	95	60-140	2	
Trichloroethene	ug/L	ND	20	20	20.6	19.7	103	98	60-140	5	
Trichlorofluoromethane	ug/L	ND	20	20	22.5	22.2	112	111	60-140	1	
Vinyl chloride	ug/L	ND	20	20	17.7	18.4	89	92	60-140	4	
1,2-Dichloroethane-d4 (S)	%						98	97	70-130		
4-Bromofluorobenzene (S)	%						98	98	70-130		
Toluene-d8 (S)	%						97	95	70-130		

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521093

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92521093

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92521093001	**14401_HC_RD_20210209**	MADEPV	1620336	MADEP VPH	1620336
92521093001	**14401_HC_RD_20210209**	EPA 3010A	599201	EPA 6010D	599224
92521093001	**14401_HC_RD_20210209**	SM 6200B	599399		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

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

LAB WO# : 92521093

92521093

er Number or

.Y

Company: Apex Companies	Billing Information:
Address: /	
Report To: Andrew Street	Email To: Andrew.Street@apexcos.com
Copy To:	Site Collection Info/Address: 14401 Huntersville Concord Rd
Customer Project Name/Number: 2020-21-2448 Incident	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Naomi Fretz	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Naomi Fretz	Turnaround Date Required: ASAP Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

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

** 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 Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs 6200B	MADEP VPH	Lead	Lab Profile/Line: Lab Sample # / Comments:
												92521093
14401-NC-RD-20210209	DW	G	2-9-21	0845				8	X	X	X	001

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: _____			
Sample pH Acceptable	Y	N	NA
pH Strips: 2235/9 AU			
Sulfide Present	Y	N	NA
Lead Acetate Strips: _____			

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: Bubble Bag I

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

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

Lab Tracking #: 2615471

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 92104
Cooler 1 Temp Upon Receipt: 5.9 oC
Cooler 1 Therm Corr. Factor: -0.3 oC
Cooler 1 Corrected Temp: 5.6 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Fretz / Apex	2-9-21 1300	MD & Rec HVL	2-9-21 13:00
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip 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#: 92521093**

PM: AMB Due Date: 02/16/21

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						1										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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

February 15, 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.: 92521095

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on February 09, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521095

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92521095

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92521095001	**13926A_HC_RD_20210209**	MADEP VPH	ADM	6	PAN
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521095

Sample: 13926A_HC_RD_20210209 **Lab ID: 92521095001** Collected: 02/09/21 12:10 Received: 02/09/21 13:00 Matrix: Water

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/L	100	1	02/11/21 23:39	02/11/21 23:39		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/11/21 23:39	02/11/21 23:39		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/11/21 23:39	02/11/21 23:39	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/11/21 23:39	02/11/21 23:39	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	96.2	%	70.0-130	1	02/11/21 23:39	02/11/21 23:39	615-59-8FID	
2,5-Dibromotoluene (PID)	85.5	%	70.0-130	1	02/11/21 23:39	02/11/21 23:39	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	**24.2**	ug/L	5.0	1	02/11/21 01:48	02/11/21 20:01	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/12/21 00:54	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/12/21 00:54	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/12/21 00:54	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/12/21 00:54	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/12/21 00:54	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/12/21 00:54	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/12/21 00:54	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/12/21 00:54	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/12/21 00:54	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/12/21 00:54	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/12/21 00:54	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/12/21 00:54	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/12/21 00:54	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/12/21 00:54	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 00:54	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 00:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/12/21 00:54	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/12/21 00:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/12/21 00:54	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/12/21 00:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 00:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 00:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 00:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/12/21 00:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/12/21 00:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/12/21 00:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/12/21 00:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 00:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 00:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 00:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/12/21 00:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 00:54	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521095

Sample: 13926A_HC_RD_20210209 **Lab ID: 92521095001** Collected: 02/09/21 12:10 Received: 02/09/21 13:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1-Dichloropropene	ND	ug/L	0.50	1		02/12/21 00:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 00:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 00:54	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/12/21 00:54	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/12/21 00:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/12/21 00:54	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/12/21 00:54	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/12/21 00:54	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/12/21 00:54	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/12/21 00:54	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/12/21 00:54	103-65-1	
Styrene	ND	ug/L	0.50	1		02/12/21 00:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 00:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 00:54	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/12/21 00:54	127-18-4	
Toluene	ND	ug/L	0.50	1		02/12/21 00:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 00:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 00:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/12/21 00:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/12/21 00:54	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/12/21 00:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/12/21 00:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/12/21 00:54	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 00:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 00:54	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/12/21 00:54	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/12/21 00:54	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/12/21 00:54	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	92	%	70-130	1		02/12/21 00:54	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130	1		02/12/21 00:54	460-00-4	
Toluene-d8 (S)	99	%	70-130	1		02/12/21 00:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521095

QC Batch: 1620336
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92521095001

METHOD BLANK: R3622099-3 Matrix: Water
Associated Lab Samples: 92521095001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	02/11/21 22:31	
Aliphatic (C09-C12)	ug/L	ND	100	02/11/21 22:31	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	02/11/21 22:31	
Total VPH	ug/L	ND	100	02/11/21 22:31	
2,5-Dibromotoluene (FID)	%	105	70.0-130	02/11/21 22:31	
2,5-Dibromotoluene (PID)	%	93.3	70.0-130	02/11/21 22:31	

LABORATORY CONTROL SAMPLE & LCSD: R3622099-1 R3622099-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1170	1120	97.5	93.3	70.0-130	4.37	25	
Aliphatic (C09-C12)	ug/L	1400	1570	1440	112	103	70.0-130	8.64	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	230	206	115	103	70.0-130	11.0	25	
Total VPH	ug/L	2800	2970	2770	106	98.9	70.0-130	6.97	25	
2,5-Dibromotoluene (FID)	%				109	116	70.0-130			
2,5-Dibromotoluene (PID)	%				95.6	103	70.0-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521095

QC Batch: 599201
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92521095001

METHOD BLANK: 3159099 Matrix: Water
Associated Lab Samples: 92521095001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	02/11/21 19:12	

LABORATORY CONTROL SAMPLE: 3159100

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	481	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3159101 3159102

Parameter	Units	92521204002 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	491	483	98	97	75-125	2	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521095

QC Batch: 599399
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92521095001

METHOD BLANK: 3160101 Matrix: Water
Associated Lab Samples: 92521095001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1,1-Trichloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1,2-Trichloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1-Dichloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1-Dichloroethene	ug/L	ND	0.50	02/11/21 22:30	
1,1-Dichloropropene	ug/L	ND	0.50	02/11/21 22:30	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	02/11/21 22:30	
1,2,3-Trichloropropane	ug/L	ND	0.50	02/11/21 22:30	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	02/11/21 22:30	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	02/11/21 22:30	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	02/11/21 22:30	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	02/11/21 22:30	
1,2-Dichlorobenzene	ug/L	ND	0.50	02/11/21 22:30	
1,2-Dichloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,2-Dichloropropane	ug/L	ND	0.50	02/11/21 22:30	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	02/11/21 22:30	
1,3-Dichlorobenzene	ug/L	ND	0.50	02/11/21 22:30	
1,3-Dichloropropane	ug/L	ND	0.50	02/11/21 22:30	
1,4-Dichlorobenzene	ug/L	ND	0.50	02/11/21 22:30	
2,2-Dichloropropane	ug/L	ND	0.50	02/11/21 22:30	
2-Chlorotoluene	ug/L	ND	0.50	02/11/21 22:30	
4-Chlorotoluene	ug/L	ND	0.50	02/11/21 22:30	
Benzene	ug/L	ND	0.50	02/11/21 22:30	
Bromobenzene	ug/L	ND	0.50	02/11/21 22:30	
Bromochloromethane	ug/L	ND	0.50	02/11/21 22:30	
Bromodichloromethane	ug/L	ND	0.50	02/11/21 22:30	
Bromoform	ug/L	ND	0.50	02/11/21 22:30	
Bromomethane	ug/L	ND	5.0	02/11/21 22:30	
Carbon tetrachloride	ug/L	ND	0.50	02/11/21 22:30	
Chlorobenzene	ug/L	ND	0.50	02/11/21 22:30	
Chloroethane	ug/L	ND	1.0	02/11/21 22:30	
Chloroform	ug/L	ND	0.50	02/11/21 22:30	
Chloromethane	ug/L	ND	1.0	02/11/21 22:30	
cis-1,2-Dichloroethene	ug/L	ND	0.50	02/11/21 22:30	
cis-1,3-Dichloropropene	ug/L	ND	0.50	02/11/21 22:30	
Dibromochloromethane	ug/L	ND	0.50	02/11/21 22:30	
Dibromomethane	ug/L	ND	0.50	02/11/21 22:30	
Dichlorodifluoromethane	ug/L	ND	0.50	02/11/21 22:30	
Diisopropyl ether	ug/L	ND	0.50	02/11/21 22:30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521095

METHOD BLANK: 3160101 Matrix: Water
Associated Lab Samples: 92521095001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	02/11/21 22:30	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	02/11/21 22:30	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	02/11/21 22:30	
m&p-Xylene	ug/L	ND	1.0	02/11/21 22:30	
Methyl-tert-butyl ether	ug/L	ND	0.50	02/11/21 22:30	
Methylene Chloride	ug/L	ND	2.0	02/11/21 22:30	
n-Butylbenzene	ug/L	ND	0.50	02/11/21 22:30	
n-Propylbenzene	ug/L	ND	0.50	02/11/21 22:30	
Naphthalene	ug/L	ND	2.0	02/11/21 22:30	
o-Xylene	ug/L	ND	0.50	02/11/21 22:30	
sec-Butylbenzene	ug/L	ND	0.50	02/11/21 22:30	
Styrene	ug/L	ND	0.50	02/11/21 22:30	
tert-Butylbenzene	ug/L	ND	0.50	02/11/21 22:30	
Tetrachloroethene	ug/L	ND	0.50	02/11/21 22:30	
Toluene	ug/L	ND	0.50	02/11/21 22:30	
trans-1,2-Dichloroethene	ug/L	ND	0.50	02/11/21 22:30	
trans-1,3-Dichloropropene	ug/L	ND	0.50	02/11/21 22:30	
Trichloroethene	ug/L	ND	0.50	02/11/21 22:30	
Trichlorofluoromethane	ug/L	ND	1.0	02/11/21 22:30	
Vinyl chloride	ug/L	ND	1.0	02/11/21 22:30	
1,2-Dichloroethane-d4 (S)	%	95	70-130	02/11/21 22:30	
4-Bromofluorobenzene (S)	%	98	70-130	02/11/21 22:30	
Toluene-d8 (S)	%	101	70-130	02/11/21 22:30	

LABORATORY CONTROL SAMPLE: 3160102

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.6	105	60-140	
1,1,1-Trichloroethane	ug/L	50	46.6	93	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.7	95	60-140	
1,1,2-Trichloroethane	ug/L	50	49.7	99	60-140	
1,1-Dichloroethane	ug/L	50	44.3	89	60-140	
1,1-Dichloroethene	ug/L	50	44.5	89	60-140	
1,1-Dichloropropene	ug/L	50	44.4	89	60-140	
1,2,3-Trichlorobenzene	ug/L	50	50.5	101	60-140	
1,2,3-Trichloropropane	ug/L	50	47.3	95	60-140	
1,2,4-Trichlorobenzene	ug/L	50	51.4	103	60-140	
1,2,4-Trimethylbenzene	ug/L	50	45.6	91	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	57.8	116	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.7	105	60-140	
1,2-Dichlorobenzene	ug/L	50	48.7	97	60-140	
1,2-Dichloroethane	ug/L	50	42.6	85	60-140	
1,2-Dichloropropane	ug/L	50	44.9	90	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.4	91	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521095

LABORATORY CONTROL SAMPLE: 3160102

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	48.8	98	60-140	
1,3-Dichloropropane	ug/L	50	47.7	95	60-140	
1,4-Dichlorobenzene	ug/L	50	47.5	95	60-140	
2,2-Dichloropropane	ug/L	50	46.9	94	60-140	
2-Chlorotoluene	ug/L	50	45.7	91	60-140	
4-Chlorotoluene	ug/L	50	45.7	91	60-140	
Benzene	ug/L	50	43.7	87	60-140	
Bromobenzene	ug/L	50	47.7	95	60-140	
Bromochloromethane	ug/L	50	48.0	96	60-140	
Bromodichloromethane	ug/L	50	48.9	98	60-140	
Bromoform	ug/L	50	57.1	114	60-140	
Bromomethane	ug/L	50	54.4	109	60-140	
Carbon tetrachloride	ug/L	50	50.3	101	60-140	
Chlorobenzene	ug/L	50	48.9	98	60-140	
Chloroethane	ug/L	50	53.2	106	60-140	
Chloroform	ug/L	50	44.6	89	60-140	
Chloromethane	ug/L	50	42.9	86	60-140	
cis-1,2-Dichloroethene	ug/L	50	43.6	87	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.6	99	60-140	
Dibromochloromethane	ug/L	50	54.8	110	60-140	
Dibromomethane	ug/L	50	52.8	106	60-140	
Dichlorodifluoromethane	ug/L	50	50.2	100	60-140	
Diisopropyl ether	ug/L	50	39.8	80	60-140	
Ethylbenzene	ug/L	50	47.4	95	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.4	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.6	97	60-140	
m&p-Xylene	ug/L	100	93.2	93	60-140	
Methyl-tert-butyl ether	ug/L	50	43.9	88	60-140	
Methylene Chloride	ug/L	50	40.0	80	60-140	
n-Butylbenzene	ug/L	50	44.4	89	60-140	
n-Propylbenzene	ug/L	50	43.1	86	60-140	
Naphthalene	ug/L	50	51.9	104	60-140	
o-Xylene	ug/L	50	48.6	97	60-140	
sec-Butylbenzene	ug/L	50	44.8	90	60-140	
Styrene	ug/L	50	49.3	99	60-140	
tert-Butylbenzene	ug/L	50	38.9	78	60-140	
Tetrachloroethene	ug/L	50	50.2	100	60-140	
Toluene	ug/L	50	46.7	93	60-140	
trans-1,2-Dichloroethene	ug/L	50	44.7	89	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.6	97	60-140	
Trichloroethene	ug/L	50	49.3	99	60-140	
Trichlorofluoromethane	ug/L	50	44.5	89	60-140	
Vinyl chloride	ug/L	50	42.8	86	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			93	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521095

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3160103 3160104

Parameter	Units	92521084001 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	21.4	21.0	107	105	60-140	2	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.3	19.6	102	98	60-140	4	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	18.8	18.2	94	91	60-140	3	
1,1,2-Trichloroethane	ug/L	ND	20	20	19.3	19.4	97	97	60-140	0	
1,1-Dichloroethane	ug/L	ND	20	20	17.5	17.4	88	87	60-140	1	
1,1-Dichloroethene	ug/L	ND	20	20	19.2	18.7	96	93	60-140	3	
1,1-Dichloropropene	ug/L	ND	20	20	18.8	18.3	94	92	60-140	2	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	22.5	20.5	112	102	60-140	9	
1,2,3-Trichloropropane	ug/L	ND	20	20	18.0	18.2	90	91	60-140	1	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	22.9	20.8	115	104	60-140	10	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.2	19.6	101	98	60-140	3	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	24.5	22.5	122	112	60-140	9	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.1	19.7	100	99	60-140	2	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.1	19.3	101	97	60-140	4	
1,2-Dichloroethane	ug/L	ND	20	20	16.8	16.9	84	85	60-140	1	
1,2-Dichloropropane	ug/L	ND	20	20	17.1	16.8	86	84	60-140	2	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.1	19.5	100	98	60-140	3	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.5	19.8	103	99	60-140	3	
1,3-Dichloropropane	ug/L	ND	20	20	18.6	18.6	93	93	60-140	0	
1,4-Dichlorobenzene	ug/L	ND	20	20	19.7	19.3	99	96	60-140	2	
2,2-Dichloropropane	ug/L	ND	20	20	20.3	20.6	102	103	60-140	1	
2-Chlorotoluene	ug/L	ND	20	20	19.8	19.7	99	99	60-140	0	
4-Chlorotoluene	ug/L	ND	20	20	19.4	19.2	97	96	60-140	1	
Benzene	ug/L	ND	20	20	17.9	17.4	90	87	60-140	3	
Bromobenzene	ug/L	ND	20	20	20.5	20.6	103	103	60-140	0	
Bromochloromethane	ug/L	ND	20	20	18.6	19.0	93	95	60-140	2	
Bromodichloromethane	ug/L	ND	20	20	19.9	19.0	99	95	60-140	5	
Bromoform	ug/L	ND	20	20	22.6	21.8	113	109	60-140	4	
Bromomethane	ug/L	ND	20	20	25.8	27.3	129	137	60-140	6	
Carbon tetrachloride	ug/L	ND	20	20	21.4	22.1	107	110	60-140	3	
Chlorobenzene	ug/L	ND	20	20	19.7	19.6	99	98	60-140	1	
Chloroethane	ug/L	ND	20	20	20.8	21.4	104	107	60-140	3	
Chloroform	ug/L	8.9	20	20	27.5	28.1	93	96	60-140	2	
Chloromethane	ug/L	ND	20	20	17.9	18.3	90	91	60-140	2	
cis-1,2-Dichloroethene	ug/L	ND	20	20	17.6	17.4	88	87	60-140	1	
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.8	18.9	99	94	60-140	5	
Dibromochloromethane	ug/L	ND	20	20	21.7	21.1	108	105	60-140	3	
Dibromomethane	ug/L	ND	20	20	21.2	20.7	106	104	60-140	2	
Dichlorodifluoromethane	ug/L	ND	20	20	21.4	21.3	107	107	60-140	0	
Diisopropyl ether	ug/L	ND	20	20	15.3	15.3	77	76	60-140	1	
Ethylbenzene	ug/L	ND	20	20	19.7	19.3	98	97	60-140	2	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	24.4	23.2	122	116	60-140	5	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.3	20.1	102	100	60-140	1	
m&p-Xylene	ug/L	ND	40	40	39.1	38.1	98	95	60-140	3	
Methyl-tert-butyl ether	ug/L	ND	20	20	17.3	17.5	87	88	60-140	1	
Methylene Chloride	ug/L	ND	20	20	15.8	15.9	79	79	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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521095

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3160103 3160104

Parameter	Units	92521084001 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	20.0	19.1	100	95	60-140	4	
n-Propylbenzene	ug/L	ND	20	20	19.3	18.8	96	94	60-140	3	
Naphthalene	ug/L	ND	20	20	22.2	19.9	111	99	60-140	11	
o-Xylene	ug/L	ND	20	20	19.7	19.5	98	98	60-140	1	
sec-Butylbenzene	ug/L	ND	20	20	20.1	19.5	100	98	60-140	3	
Styrene	ug/L	ND	20	20	19.1	18.7	96	94	60-140	2	
tert-Butylbenzene	ug/L	ND	20	20	17.5	16.8	87	84	60-140	4	
Tetrachloroethene	ug/L	ND	20	20	21.9	20.9	110	104	60-140	5	
Toluene	ug/L	ND	20	20	18.5	18.2	93	91	60-140	2	
trans-1,2-Dichloroethene	ug/L	ND	20	20	18.4	18.0	92	90	60-140	2	
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.4	19.0	97	95	60-140	2	
Trichloroethene	ug/L	ND	20	20	20.6	19.7	103	98	60-140	5	
Trichlorofluoromethane	ug/L	ND	20	20	22.5	22.2	112	111	60-140	1	
Vinyl chloride	ug/L	ND	20	20	17.7	18.4	89	92	60-140	4	
1,2-Dichloroethane-d4 (S)	%						98	97	70-130		
4-Bromofluorobenzene (S)	%						98	98	70-130		
Toluene-d8 (S)	%						97	95	70-130		

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
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QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521095

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92521095

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92521095001	**13926A_HC_RD_20210209**	MADEPV	1620336	MADEP VPH	1620336
92521095001	**13926A_HC_RD_20210209**	EPA 3010A	599201	EPA 6010D	599224
92521095001	**13926A_HC_RD_20210209**	SM 6200B	599399		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

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

LAB US[E] WO#: 92521095 Number or

92521095

Contai[ners]

Company: Apex Companies
Address:

Billing Information:

Report To: Andrew Street
Copy To:

Email To: Andrew.Street@apexcos.com
Site Collection Info/Address: 13926A Huntersville Concord Rd

Customer Project Name/Number: 2020-L1-2448 Incident

State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET

Phone:
Email:

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): Naomi Fetz

Purchase Order #:
Quote #:

DW PWS ID #:
DW Location Code:

Collected By (signature): Naomi F[signature]

Turnaround Date Required: ASAP

Immediately Packed on Ice: [ ] Yes [ ] No

Sample Disposal:
[ ] Dispose as appropriate [ ] Return
[ ] Archive: ____
[ ] Hold: ____

Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis: ____

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

** 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 Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res Cl	# of Ctns	Analyses: VOCs 6200B	MADEP VPH	Lead	Lab Sample # / Comments
13926A-HLRD-20210209	DW	G	2-9-21	1210				8	X	X	X	92521095 001

Lab Profile/Line:
Lab Sample Receipt Checklist:
- Custody Seals Present/Intact Y (N) NA
- Custody Signatures Present Y (N) NA
- Collector Signature Present (Y) N NA
- Bottles Intact (Y) N NA
- Correct Bottles (Y) N NA
- Sufficient Volume (Y) N NA
- Samples Received on Ice (Y) N NA
- VOA - Headspace Acceptable (Y) N NA
- USDA Regulated Soils Y N (NA)
- Samples in Holding Time (Y) N NA
- Residual Chlorine Present Y N (NA)
- Cl Strips:
- Sample pH Acceptable (Y) N NA
- pH Strips: 22319AA
- Sulfide Present Y N (NA)
- Lead Acetate Strips:

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: Bubble Bags

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

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

Lab Tracking #: 2528997

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: 92T064
Cooler 1 Temp Upon Receipt: 5.9 oC
Cooler 1 Therm Corr. Factor: -0.1 oC
Cooler 1 Corrected Temp: 5.8 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi F[signature] / Apex	2-9-21 1300	MD Pace HVL2321	13:00
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip 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#: 92521095

PM: AMB Due Date: 02/16/21

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						1										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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

February 15, 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.: 92521099

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on February 09, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521099

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92521099

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92521099001	**13835_AC_RD_20210209**	MADEP VPH	ADM	6	PAN
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521099

Sample: 13835_AC_RD_20210209 **Lab ID: 92521099001** Collected: 02/09/21 10:10 Received: 02/09/21 13:00 Matrix: Water

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/L	100	1	02/12/21 01:20	02/12/21 01:20		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/12/21 01:20	02/12/21 01:20		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/12/21 01:20	02/12/21 01:20	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/12/21 01:20	02/12/21 01:20	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	103	%	70.0-130	1	02/12/21 01:20	02/12/21 01:20	615-59-8FID	
2,5-Dibromotoluene (PID)	92.4	%	70.0-130	1	02/12/21 01:20	02/12/21 01:20	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	**15.1**	ug/L	5.0	1	02/11/21 01:48	02/11/21 20:04	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/12/21 01:12	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/12/21 01:12	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/12/21 01:12	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/12/21 01:12	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/12/21 01:12	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/12/21 01:12	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/12/21 01:12	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/12/21 01:12	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/12/21 01:12	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/12/21 01:12	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/12/21 01:12	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/12/21 01:12	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/12/21 01:12	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/12/21 01:12	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 01:12	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 01:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/12/21 01:12	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/12/21 01:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/12/21 01:12	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/12/21 01:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 01:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 01:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 01:12	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/12/21 01:12	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/12/21 01:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/12/21 01:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/12/21 01:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 01:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 01:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 01:12	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/12/21 01:12	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 01:12	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521099

Sample: 13835_AC_RD_20210209 **Lab ID: 92521099001** Collected: 02/09/21 10:10 Received: 02/09/21 13:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1-Dichloropropene	ND	ug/L	0.50	1		02/12/21 01:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 01:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 01:12	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/12/21 01:12	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/12/21 01:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/12/21 01:12	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/12/21 01:12	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/12/21 01:12	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/12/21 01:12	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/12/21 01:12	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/12/21 01:12	103-65-1	
Styrene	ND	ug/L	0.50	1		02/12/21 01:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 01:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 01:12	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/12/21 01:12	127-18-4	
Toluene	ND	ug/L	0.50	1		02/12/21 01:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 01:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 01:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/12/21 01:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/12/21 01:12	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/12/21 01:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/12/21 01:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/12/21 01:12	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 01:12	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 01:12	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/12/21 01:12	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/12/21 01:12	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/12/21 01:12	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	95	%	70-130	1		02/12/21 01:12	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130	1		02/12/21 01:12	460-00-4	
Toluene-d8 (S)	97	%	70-130	1		02/12/21 01:12	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521099

QC Batch: 1620336
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92521099001

METHOD BLANK: R3622099-3 Matrix: Water
Associated Lab Samples: 92521099001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	02/11/21 22:31	
Aliphatic (C09-C12)	ug/L	ND	100	02/11/21 22:31	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	02/11/21 22:31	
Total VPH	ug/L	ND	100	02/11/21 22:31	
2,5-Dibromotoluene (FID)	%	105	70.0-130	02/11/21 22:31	
2,5-Dibromotoluene (PID)	%	93.3	70.0-130	02/11/21 22:31	

LABORATORY CONTROL SAMPLE & LCSD: R3622099-1 R3622099-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1170	1120	97.5	93.3	70.0-130	4.37	25	
Aliphatic (C09-C12)	ug/L	1400	1570	1440	112	103	70.0-130	8.64	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	230	206	115	103	70.0-130	11.0	25	
Total VPH	ug/L	2800	2970	2770	106	98.9	70.0-130	6.97	25	
2,5-Dibromotoluene (FID)	%				109	116	70.0-130			
2,5-Dibromotoluene (PID)	%				95.6	103	70.0-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521099

QC Batch: 599201
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92521099001

METHOD BLANK: 3159099 Matrix: Water
Associated Lab Samples: 92521099001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	02/11/21 19:12	

LABORATORY CONTROL SAMPLE: 3159100

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	481	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3159101 3159102

Parameter	Units	92521204002 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	491	483	98	97	75-125	2	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521099

QC Batch: 599399
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92521099001

METHOD BLANK: 3160101 Matrix: Water
Associated Lab Samples: 92521099001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1,1-Trichloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1,2-Trichloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1-Dichloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1-Dichloroethene	ug/L	ND	0.50	02/11/21 22:30	
1,1-Dichloropropene	ug/L	ND	0.50	02/11/21 22:30	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	02/11/21 22:30	
1,2,3-Trichloropropane	ug/L	ND	0.50	02/11/21 22:30	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	02/11/21 22:30	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	02/11/21 22:30	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	02/11/21 22:30	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	02/11/21 22:30	
1,2-Dichlorobenzene	ug/L	ND	0.50	02/11/21 22:30	
1,2-Dichloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,2-Dichloropropane	ug/L	ND	0.50	02/11/21 22:30	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	02/11/21 22:30	
1,3-Dichlorobenzene	ug/L	ND	0.50	02/11/21 22:30	
1,3-Dichloropropane	ug/L	ND	0.50	02/11/21 22:30	
1,4-Dichlorobenzene	ug/L	ND	0.50	02/11/21 22:30	
2,2-Dichloropropane	ug/L	ND	0.50	02/11/21 22:30	
2-Chlorotoluene	ug/L	ND	0.50	02/11/21 22:30	
4-Chlorotoluene	ug/L	ND	0.50	02/11/21 22:30	
Benzene	ug/L	ND	0.50	02/11/21 22:30	
Bromobenzene	ug/L	ND	0.50	02/11/21 22:30	
Bromochloromethane	ug/L	ND	0.50	02/11/21 22:30	
Bromodichloromethane	ug/L	ND	0.50	02/11/21 22:30	
Bromoform	ug/L	ND	0.50	02/11/21 22:30	
Bromomethane	ug/L	ND	5.0	02/11/21 22:30	
Carbon tetrachloride	ug/L	ND	0.50	02/11/21 22:30	
Chlorobenzene	ug/L	ND	0.50	02/11/21 22:30	
Chloroethane	ug/L	ND	1.0	02/11/21 22:30	
Chloroform	ug/L	ND	0.50	02/11/21 22:30	
Chloromethane	ug/L	ND	1.0	02/11/21 22:30	
cis-1,2-Dichloroethene	ug/L	ND	0.50	02/11/21 22:30	
cis-1,3-Dichloropropene	ug/L	ND	0.50	02/11/21 22:30	
Dibromochloromethane	ug/L	ND	0.50	02/11/21 22:30	
Dibromomethane	ug/L	ND	0.50	02/11/21 22:30	
Dichlorodifluoromethane	ug/L	ND	0.50	02/11/21 22:30	
Diisopropyl ether	ug/L	ND	0.50	02/11/21 22:30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521099

METHOD BLANK: 3160101 Matrix: Water
Associated Lab Samples: 92521099001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	02/11/21 22:30	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	02/11/21 22:30	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	02/11/21 22:30	
m&p-Xylene	ug/L	ND	1.0	02/11/21 22:30	
Methyl-tert-butyl ether	ug/L	ND	0.50	02/11/21 22:30	
Methylene Chloride	ug/L	ND	2.0	02/11/21 22:30	
n-Butylbenzene	ug/L	ND	0.50	02/11/21 22:30	
n-Propylbenzene	ug/L	ND	0.50	02/11/21 22:30	
Naphthalene	ug/L	ND	2.0	02/11/21 22:30	
o-Xylene	ug/L	ND	0.50	02/11/21 22:30	
sec-Butylbenzene	ug/L	ND	0.50	02/11/21 22:30	
Styrene	ug/L	ND	0.50	02/11/21 22:30	
tert-Butylbenzene	ug/L	ND	0.50	02/11/21 22:30	
Tetrachloroethene	ug/L	ND	0.50	02/11/21 22:30	
Toluene	ug/L	ND	0.50	02/11/21 22:30	
trans-1,2-Dichloroethene	ug/L	ND	0.50	02/11/21 22:30	
trans-1,3-Dichloropropene	ug/L	ND	0.50	02/11/21 22:30	
Trichloroethene	ug/L	ND	0.50	02/11/21 22:30	
Trichlorofluoromethane	ug/L	ND	1.0	02/11/21 22:30	
Vinyl chloride	ug/L	ND	1.0	02/11/21 22:30	
1,2-Dichloroethane-d4 (S)	%	95	70-130	02/11/21 22:30	
4-Bromofluorobenzene (S)	%	98	70-130	02/11/21 22:30	
Toluene-d8 (S)	%	101	70-130	02/11/21 22:30	

LABORATORY CONTROL SAMPLE: 3160102

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.6	105	60-140	
1,1,1-Trichloroethane	ug/L	50	46.6	93	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.7	95	60-140	
1,1,2-Trichloroethane	ug/L	50	49.7	99	60-140	
1,1-Dichloroethane	ug/L	50	44.3	89	60-140	
1,1-Dichloroethene	ug/L	50	44.5	89	60-140	
1,1-Dichloropropene	ug/L	50	44.4	89	60-140	
1,2,3-Trichlorobenzene	ug/L	50	50.5	101	60-140	
1,2,3-Trichloropropane	ug/L	50	47.3	95	60-140	
1,2,4-Trichlorobenzene	ug/L	50	51.4	103	60-140	
1,2,4-Trimethylbenzene	ug/L	50	45.6	91	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	57.8	116	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.7	105	60-140	
1,2-Dichlorobenzene	ug/L	50	48.7	97	60-140	
1,2-Dichloroethane	ug/L	50	42.6	85	60-140	
1,2-Dichloropropane	ug/L	50	44.9	90	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.4	91	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521099

LABORATORY CONTROL SAMPLE: 3160102

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	48.8	98	60-140	
1,3-Dichloropropane	ug/L	50	47.7	95	60-140	
1,4-Dichlorobenzene	ug/L	50	47.5	95	60-140	
2,2-Dichloropropane	ug/L	50	46.9	94	60-140	
2-Chlorotoluene	ug/L	50	45.7	91	60-140	
4-Chlorotoluene	ug/L	50	45.7	91	60-140	
Benzene	ug/L	50	43.7	87	60-140	
Bromobenzene	ug/L	50	47.7	95	60-140	
Bromochloromethane	ug/L	50	48.0	96	60-140	
Bromodichloromethane	ug/L	50	48.9	98	60-140	
Bromoform	ug/L	50	57.1	114	60-140	
Bromomethane	ug/L	50	54.4	109	60-140	
Carbon tetrachloride	ug/L	50	50.3	101	60-140	
Chlorobenzene	ug/L	50	48.9	98	60-140	
Chloroethane	ug/L	50	53.2	106	60-140	
Chloroform	ug/L	50	44.6	89	60-140	
Chloromethane	ug/L	50	42.9	86	60-140	
cis-1,2-Dichloroethene	ug/L	50	43.6	87	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.6	99	60-140	
Dibromochloromethane	ug/L	50	54.8	110	60-140	
Dibromomethane	ug/L	50	52.8	106	60-140	
Dichlorodifluoromethane	ug/L	50	50.2	100	60-140	
Diisopropyl ether	ug/L	50	39.8	80	60-140	
Ethylbenzene	ug/L	50	47.4	95	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.4	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.6	97	60-140	
m&p-Xylene	ug/L	100	93.2	93	60-140	
Methyl-tert-butyl ether	ug/L	50	43.9	88	60-140	
Methylene Chloride	ug/L	50	40.0	80	60-140	
n-Butylbenzene	ug/L	50	44.4	89	60-140	
n-Propylbenzene	ug/L	50	43.1	86	60-140	
Naphthalene	ug/L	50	51.9	104	60-140	
o-Xylene	ug/L	50	48.6	97	60-140	
sec-Butylbenzene	ug/L	50	44.8	90	60-140	
Styrene	ug/L	50	49.3	99	60-140	
tert-Butylbenzene	ug/L	50	38.9	78	60-140	
Tetrachloroethene	ug/L	50	50.2	100	60-140	
Toluene	ug/L	50	46.7	93	60-140	
trans-1,2-Dichloroethene	ug/L	50	44.7	89	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.6	97	60-140	
Trichloroethene	ug/L	50	49.3	99	60-140	
Trichlorofluoromethane	ug/L	50	44.5	89	60-140	
Vinyl chloride	ug/L	50	42.8	86	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			93	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521099

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3160103 3160104

Parameter	Units	92521084001 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	21.4	21.0	107	105	60-140	2	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.3	19.6	102	98	60-140	4	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	18.8	18.2	94	91	60-140	3	
1,1,2-Trichloroethane	ug/L	ND	20	20	19.3	19.4	97	97	60-140	0	
1,1-Dichloroethane	ug/L	ND	20	20	17.5	17.4	88	87	60-140	1	
1,1-Dichloroethene	ug/L	ND	20	20	19.2	18.7	96	93	60-140	3	
1,1-Dichloropropene	ug/L	ND	20	20	18.8	18.3	94	92	60-140	2	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	22.5	20.5	112	102	60-140	9	
1,2,3-Trichloropropane	ug/L	ND	20	20	18.0	18.2	90	91	60-140	1	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	22.9	20.8	115	104	60-140	10	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.2	19.6	101	98	60-140	3	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	24.5	22.5	122	112	60-140	9	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.1	19.7	100	99	60-140	2	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.1	19.3	101	97	60-140	4	
1,2-Dichloroethane	ug/L	ND	20	20	16.8	16.9	84	85	60-140	1	
1,2-Dichloropropane	ug/L	ND	20	20	17.1	16.8	86	84	60-140	2	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.1	19.5	100	98	60-140	3	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.5	19.8	103	99	60-140	3	
1,3-Dichloropropane	ug/L	ND	20	20	18.6	18.6	93	93	60-140	0	
1,4-Dichlorobenzene	ug/L	ND	20	20	19.7	19.3	99	96	60-140	2	
2,2-Dichloropropane	ug/L	ND	20	20	20.3	20.6	102	103	60-140	1	
2-Chlorotoluene	ug/L	ND	20	20	19.8	19.7	99	99	60-140	0	
4-Chlorotoluene	ug/L	ND	20	20	19.4	19.2	97	96	60-140	1	
Benzene	ug/L	ND	20	20	17.9	17.4	90	87	60-140	3	
Bromobenzene	ug/L	ND	20	20	20.5	20.6	103	103	60-140	0	
Bromochloromethane	ug/L	ND	20	20	18.6	19.0	93	95	60-140	2	
Bromodichloromethane	ug/L	ND	20	20	19.9	19.0	99	95	60-140	5	
Bromoform	ug/L	ND	20	20	22.6	21.8	113	109	60-140	4	
Bromomethane	ug/L	ND	20	20	25.8	27.3	129	137	60-140	6	
Carbon tetrachloride	ug/L	ND	20	20	21.4	22.1	107	110	60-140	3	
Chlorobenzene	ug/L	ND	20	20	19.7	19.6	99	98	60-140	1	
Chloroethane	ug/L	ND	20	20	20.8	21.4	104	107	60-140	3	
Chloroform	ug/L	8.9	20	20	27.5	28.1	93	96	60-140	2	
Chloromethane	ug/L	ND	20	20	17.9	18.3	90	91	60-140	2	
cis-1,2-Dichloroethene	ug/L	ND	20	20	17.6	17.4	88	87	60-140	1	
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.8	18.9	99	94	60-140	5	
Dibromochloromethane	ug/L	ND	20	20	21.7	21.1	108	105	60-140	3	
Dibromomethane	ug/L	ND	20	20	21.2	20.7	106	104	60-140	2	
Dichlorodifluoromethane	ug/L	ND	20	20	21.4	21.3	107	107	60-140	0	
Diisopropyl ether	ug/L	ND	20	20	15.3	15.3	77	76	60-140	1	
Ethylbenzene	ug/L	ND	20	20	19.7	19.3	98	97	60-140	2	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	24.4	23.2	122	116	60-140	5	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.3	20.1	102	100	60-140	1	
m&p-Xylene	ug/L	ND	40	40	39.1	38.1	98	95	60-140	3	
Methyl-tert-butyl ether	ug/L	ND	20	20	17.3	17.5	87	88	60-140	1	
Methylene Chloride	ug/L	ND	20	20	15.8	15.9	79	79	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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521099

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3160103 3160104

Parameter	Units	92521084001 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	20.0	19.1	100	95	60-140	4	
n-Propylbenzene	ug/L	ND	20	20	19.3	18.8	96	94	60-140	3	
Naphthalene	ug/L	ND	20	20	22.2	19.9	111	99	60-140	11	
o-Xylene	ug/L	ND	20	20	19.7	19.5	98	98	60-140	1	
sec-Butylbenzene	ug/L	ND	20	20	20.1	19.5	100	98	60-140	3	
Styrene	ug/L	ND	20	20	19.1	18.7	96	94	60-140	2	
tert-Butylbenzene	ug/L	ND	20	20	17.5	16.8	87	84	60-140	4	
Tetrachloroethene	ug/L	ND	20	20	21.9	20.9	110	104	60-140	5	
Toluene	ug/L	ND	20	20	18.5	18.2	93	91	60-140	2	
trans-1,2-Dichloroethene	ug/L	ND	20	20	18.4	18.0	92	90	60-140	2	
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.4	19.0	97	95	60-140	2	
Trichloroethene	ug/L	ND	20	20	20.6	19.7	103	98	60-140	5	
Trichlorofluoromethane	ug/L	ND	20	20	22.5	22.2	112	111	60-140	1	
Vinyl chloride	ug/L	ND	20	20	17.7	18.4	89	92	60-140	4	
1,2-Dichloroethane-d4 (S)	%						98	97	70-130		
4-Bromofluorobenzene (S)	%						98	98	70-130		
Toluene-d8 (S)	%						97	95	70-130		

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521099

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92521099

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92521099001	**13835_AC_RD_20210209**	MADEPV	1620336	MADEP VPH	1620336
92521099001	**13835_AC_RD_20210209**	EPA 3010A	599201	EPA 6010D	599224
92521099001	**13835_AC_RD_20210209**	SM 6200B	599399		

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB **WO# : 92521099**

92521099

er Number or

Y

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: Andrew.Street@apexcos.com
Copy To:	Site Collection Info/Address: 13835 Asbury Chapel Rd
Customer Project Name/Number: 2020-LI-2445 Incident	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: / Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Naomi Fretz	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature): Naomi F	Turnaround Date Required: ASAP / Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis: _____

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

** 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 Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs 6200B	MADEP VPH	Lead	Lab Profile/Line:
13835_ACRD_20210209	DW	G	2-9-21	1010				8	X	X	X	92521099 001

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	(N)	NA
Custody Signatures Present	Y	(N)	NA
Collector Signature Present	(Y)	N	NA
Bottles Intact	(Y)	N	NA
Correct Bottles	(Y)	N	NA
Sufficient Volume	(Y)	N	NA
Samples Received on Ice	(Y)	N	NA
VOA - Headspace Acceptable	(Y)	N	NA
USDA Regulated Soils	Y	N	(NA)
Samples in Holding Time	(Y)	N	NA
Residual Chlorine Present	Y	N	(NA)
Cl Strips: _____			
Sample pH Acceptable	(Y)	N	NA
pH Strips: 2338 19AM			
Sulfide Present	Y	N	NA
Lead Acetate Strips: _____			

LAB USE ONLY
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: Bubble Bags

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

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

Lab Tracking #: 2615473

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: 92704
Cooler 1 Temp Upon Receipt: 5.9 oC
Cooler 1 Therm Corr. Factor: -0.1 oC
Cooler 1 Corrected Temp: 5.8 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Fretz / Apex	2-9-21 1300	MDC Pace HVL 2-9-21	13:00
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip 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#: 92521099**

PM: AMB Due Date: 02/16/21

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						1										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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

February 15, 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.: 92521102

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on February 09, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521102

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92521102

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92521102001	**14226_HC_RD_20210209**	MADEP VPH	ADM	6	PAN
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521102

Sample: 14226_HC_RD_20210209 **Lab ID: 92521102001** Collected: 02/09/21 11:05 Received: 02/09/21 13:00 Matrix: Water

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/L	100	1	02/12/21 01:55	02/12/21 01:55		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/12/21 01:55	02/12/21 01:55		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/12/21 01:55	02/12/21 01:55	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/12/21 01:55	02/12/21 01:55	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	103	%	70.0-130	1	02/12/21 01:55	02/12/21 01:55	615-59-8FID	
2,5-Dibromotoluene (PID)	91.5	%	70.0-130	1	02/12/21 01:55	02/12/21 01:55	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/11/21 01:48	02/11/21 20:07	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/12/21 01:31	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/12/21 01:31	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/12/21 01:31	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/12/21 01:31	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/12/21 01:31	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/12/21 01:31	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/12/21 01:31	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/12/21 01:31	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/12/21 01:31	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/12/21 01:31	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/12/21 01:31	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/12/21 01:31	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/12/21 01:31	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/12/21 01:31	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 01:31	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 01:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/12/21 01:31	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/12/21 01:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/12/21 01:31	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/12/21 01:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 01:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 01:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 01:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/12/21 01:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/12/21 01:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/12/21 01:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/12/21 01:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 01:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 01:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 01:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/12/21 01:31	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 01:31	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521102

Sample: 14226_HC_RD_20210209 **Lab ID: 92521102001** Collected: 02/09/21 11:05 Received: 02/09/21 13:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1-Dichloropropene	ND	ug/L	0.50	1		02/12/21 01:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 01:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 01:31	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/12/21 01:31	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/12/21 01:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/12/21 01:31	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/12/21 01:31	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/12/21 01:31	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/12/21 01:31	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/12/21 01:31	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/12/21 01:31	103-65-1	
Styrene	ND	ug/L	0.50	1		02/12/21 01:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 01:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 01:31	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/12/21 01:31	127-18-4	
Toluene	ND	ug/L	0.50	1		02/12/21 01:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 01:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 01:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/12/21 01:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/12/21 01:31	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/12/21 01:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/12/21 01:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/12/21 01:31	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 01:31	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 01:31	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/12/21 01:31	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/12/21 01:31	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/12/21 01:31	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	96	%	70-130	1		02/12/21 01:31	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130	1		02/12/21 01:31	460-00-4	
Toluene-d8 (S)	98	%	70-130	1		02/12/21 01:31	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521102

QC Batch: 1620336
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92521102001

METHOD BLANK: R3622099-3 Matrix: Water
Associated Lab Samples: 92521102001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	02/11/21 22:31	
Aliphatic (C09-C12)	ug/L	ND	100	02/11/21 22:31	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	02/11/21 22:31	
Total VPH	ug/L	ND	100	02/11/21 22:31	
2,5-Dibromotoluene (FID)	%	105	70.0-130	02/11/21 22:31	
2,5-Dibromotoluene (PID)	%	93.3	70.0-130	02/11/21 22:31	

LABORATORY CONTROL SAMPLE & LCSD: R3622099-1 R3622099-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1170	1120	97.5	93.3	70.0-130	4.37	25	
Aliphatic (C09-C12)	ug/L	1400	1570	1440	112	103	70.0-130	8.64	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	230	206	115	103	70.0-130	11.0	25	
Total VPH	ug/L	2800	2970	2770	106	98.9	70.0-130	6.97	25	
2,5-Dibromotoluene (FID)	%				109	116	70.0-130			
2,5-Dibromotoluene (PID)	%				95.6	103	70.0-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521102

QC Batch: 599201
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92521102001

METHOD BLANK: 3159099 Matrix: Water
Associated Lab Samples: 92521102001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	02/11/21 19:12	

LABORATORY CONTROL SAMPLE: 3159100

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	481	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3159101 3159102

Parameter	Units	92521204002 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	491	483	98	97	75-125	2	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521102

QC Batch: 599399
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92521102001

METHOD BLANK: 3160101 Matrix: Water
Associated Lab Samples: 92521102001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1,1-Trichloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1,2-Trichloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1-Dichloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1-Dichloroethene	ug/L	ND	0.50	02/11/21 22:30	
1,1-Dichloropropene	ug/L	ND	0.50	02/11/21 22:30	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	02/11/21 22:30	
1,2,3-Trichloropropane	ug/L	ND	0.50	02/11/21 22:30	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	02/11/21 22:30	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	02/11/21 22:30	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	02/11/21 22:30	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	02/11/21 22:30	
1,2-Dichlorobenzene	ug/L	ND	0.50	02/11/21 22:30	
1,2-Dichloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,2-Dichloropropane	ug/L	ND	0.50	02/11/21 22:30	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	02/11/21 22:30	
1,3-Dichlorobenzene	ug/L	ND	0.50	02/11/21 22:30	
1,3-Dichloropropane	ug/L	ND	0.50	02/11/21 22:30	
1,4-Dichlorobenzene	ug/L	ND	0.50	02/11/21 22:30	
2,2-Dichloropropane	ug/L	ND	0.50	02/11/21 22:30	
2-Chlorotoluene	ug/L	ND	0.50	02/11/21 22:30	
4-Chlorotoluene	ug/L	ND	0.50	02/11/21 22:30	
Benzene	ug/L	ND	0.50	02/11/21 22:30	
Bromobenzene	ug/L	ND	0.50	02/11/21 22:30	
Bromochloromethane	ug/L	ND	0.50	02/11/21 22:30	
Bromodichloromethane	ug/L	ND	0.50	02/11/21 22:30	
Bromoform	ug/L	ND	0.50	02/11/21 22:30	
Bromomethane	ug/L	ND	5.0	02/11/21 22:30	
Carbon tetrachloride	ug/L	ND	0.50	02/11/21 22:30	
Chlorobenzene	ug/L	ND	0.50	02/11/21 22:30	
Chloroethane	ug/L	ND	1.0	02/11/21 22:30	
Chloroform	ug/L	ND	0.50	02/11/21 22:30	
Chloromethane	ug/L	ND	1.0	02/11/21 22:30	
cis-1,2-Dichloroethene	ug/L	ND	0.50	02/11/21 22:30	
cis-1,3-Dichloropropene	ug/L	ND	0.50	02/11/21 22:30	
Dibromochloromethane	ug/L	ND	0.50	02/11/21 22:30	
Dibromomethane	ug/L	ND	0.50	02/11/21 22:30	
Dichlorodifluoromethane	ug/L	ND	0.50	02/11/21 22:30	
Diisopropyl ether	ug/L	ND	0.50	02/11/21 22:30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521102

METHOD BLANK: 3160101 Matrix: Water
Associated Lab Samples: 92521102001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	02/11/21 22:30	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	02/11/21 22:30	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	02/11/21 22:30	
m&p-Xylene	ug/L	ND	1.0	02/11/21 22:30	
Methyl-tert-butyl ether	ug/L	ND	0.50	02/11/21 22:30	
Methylene Chloride	ug/L	ND	2.0	02/11/21 22:30	
n-Butylbenzene	ug/L	ND	0.50	02/11/21 22:30	
n-Propylbenzene	ug/L	ND	0.50	02/11/21 22:30	
Naphthalene	ug/L	ND	2.0	02/11/21 22:30	
o-Xylene	ug/L	ND	0.50	02/11/21 22:30	
sec-Butylbenzene	ug/L	ND	0.50	02/11/21 22:30	
Styrene	ug/L	ND	0.50	02/11/21 22:30	
tert-Butylbenzene	ug/L	ND	0.50	02/11/21 22:30	
Tetrachloroethene	ug/L	ND	0.50	02/11/21 22:30	
Toluene	ug/L	ND	0.50	02/11/21 22:30	
trans-1,2-Dichloroethene	ug/L	ND	0.50	02/11/21 22:30	
trans-1,3-Dichloropropene	ug/L	ND	0.50	02/11/21 22:30	
Trichloroethene	ug/L	ND	0.50	02/11/21 22:30	
Trichlorofluoromethane	ug/L	ND	1.0	02/11/21 22:30	
Vinyl chloride	ug/L	ND	1.0	02/11/21 22:30	
1,2-Dichloroethane-d4 (S)	%	95	70-130	02/11/21 22:30	
4-Bromofluorobenzene (S)	%	98	70-130	02/11/21 22:30	
Toluene-d8 (S)	%	101	70-130	02/11/21 22:30	

LABORATORY CONTROL SAMPLE: 3160102

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.6	105	60-140	
1,1,1-Trichloroethane	ug/L	50	46.6	93	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.7	95	60-140	
1,1,2-Trichloroethane	ug/L	50	49.7	99	60-140	
1,1-Dichloroethane	ug/L	50	44.3	89	60-140	
1,1-Dichloroethene	ug/L	50	44.5	89	60-140	
1,1-Dichloropropene	ug/L	50	44.4	89	60-140	
1,2,3-Trichlorobenzene	ug/L	50	50.5	101	60-140	
1,2,3-Trichloropropane	ug/L	50	47.3	95	60-140	
1,2,4-Trichlorobenzene	ug/L	50	51.4	103	60-140	
1,2,4-Trimethylbenzene	ug/L	50	45.6	91	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	57.8	116	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.7	105	60-140	
1,2-Dichlorobenzene	ug/L	50	48.7	97	60-140	
1,2-Dichloroethane	ug/L	50	42.6	85	60-140	
1,2-Dichloropropane	ug/L	50	44.9	90	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.4	91	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521102

LABORATORY CONTROL SAMPLE: 3160102

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	48.8	98	60-140	
1,3-Dichloropropane	ug/L	50	47.7	95	60-140	
1,4-Dichlorobenzene	ug/L	50	47.5	95	60-140	
2,2-Dichloropropane	ug/L	50	46.9	94	60-140	
2-Chlorotoluene	ug/L	50	45.7	91	60-140	
4-Chlorotoluene	ug/L	50	45.7	91	60-140	
Benzene	ug/L	50	43.7	87	60-140	
Bromobenzene	ug/L	50	47.7	95	60-140	
Bromochloromethane	ug/L	50	48.0	96	60-140	
Bromodichloromethane	ug/L	50	48.9	98	60-140	
Bromoform	ug/L	50	57.1	114	60-140	
Bromomethane	ug/L	50	54.4	109	60-140	
Carbon tetrachloride	ug/L	50	50.3	101	60-140	
Chlorobenzene	ug/L	50	48.9	98	60-140	
Chloroethane	ug/L	50	53.2	106	60-140	
Chloroform	ug/L	50	44.6	89	60-140	
Chloromethane	ug/L	50	42.9	86	60-140	
cis-1,2-Dichloroethene	ug/L	50	43.6	87	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.6	99	60-140	
Dibromochloromethane	ug/L	50	54.8	110	60-140	
Dibromomethane	ug/L	50	52.8	106	60-140	
Dichlorodifluoromethane	ug/L	50	50.2	100	60-140	
Diisopropyl ether	ug/L	50	39.8	80	60-140	
Ethylbenzene	ug/L	50	47.4	95	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.4	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.6	97	60-140	
m&p-Xylene	ug/L	100	93.2	93	60-140	
Methyl-tert-butyl ether	ug/L	50	43.9	88	60-140	
Methylene Chloride	ug/L	50	40.0	80	60-140	
n-Butylbenzene	ug/L	50	44.4	89	60-140	
n-Propylbenzene	ug/L	50	43.1	86	60-140	
Naphthalene	ug/L	50	51.9	104	60-140	
o-Xylene	ug/L	50	48.6	97	60-140	
sec-Butylbenzene	ug/L	50	44.8	90	60-140	
Styrene	ug/L	50	49.3	99	60-140	
tert-Butylbenzene	ug/L	50	38.9	78	60-140	
Tetrachloroethene	ug/L	50	50.2	100	60-140	
Toluene	ug/L	50	46.7	93	60-140	
trans-1,2-Dichloroethene	ug/L	50	44.7	89	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.6	97	60-140	
Trichloroethene	ug/L	50	49.3	99	60-140	
Trichlorofluoromethane	ug/L	50	44.5	89	60-140	
Vinyl chloride	ug/L	50	42.8	86	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			93	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521102

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3160103 3160104

Parameter	Units	92521084001 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	21.4	21.0	107	105	60-140	2	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.3	19.6	102	98	60-140	4	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	18.8	18.2	94	91	60-140	3	
1,1,2-Trichloroethane	ug/L	ND	20	20	19.3	19.4	97	97	60-140	0	
1,1-Dichloroethane	ug/L	ND	20	20	17.5	17.4	88	87	60-140	1	
1,1-Dichloroethene	ug/L	ND	20	20	19.2	18.7	96	93	60-140	3	
1,1-Dichloropropene	ug/L	ND	20	20	18.8	18.3	94	92	60-140	2	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	22.5	20.5	112	102	60-140	9	
1,2,3-Trichloropropane	ug/L	ND	20	20	18.0	18.2	90	91	60-140	1	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	22.9	20.8	115	104	60-140	10	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.2	19.6	101	98	60-140	3	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	24.5	22.5	122	112	60-140	9	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.1	19.7	100	99	60-140	2	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.1	19.3	101	97	60-140	4	
1,2-Dichloroethane	ug/L	ND	20	20	16.8	16.9	84	85	60-140	1	
1,2-Dichloropropane	ug/L	ND	20	20	17.1	16.8	86	84	60-140	2	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.1	19.5	100	98	60-140	3	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.5	19.8	103	99	60-140	3	
1,3-Dichloropropane	ug/L	ND	20	20	18.6	18.6	93	93	60-140	0	
1,4-Dichlorobenzene	ug/L	ND	20	20	19.7	19.3	99	96	60-140	2	
2,2-Dichloropropane	ug/L	ND	20	20	20.3	20.6	102	103	60-140	1	
2-Chlorotoluene	ug/L	ND	20	20	19.8	19.7	99	99	60-140	0	
4-Chlorotoluene	ug/L	ND	20	20	19.4	19.2	97	96	60-140	1	
Benzene	ug/L	ND	20	20	17.9	17.4	90	87	60-140	3	
Bromobenzene	ug/L	ND	20	20	20.5	20.6	103	103	60-140	0	
Bromochloromethane	ug/L	ND	20	20	18.6	19.0	93	95	60-140	2	
Bromodichloromethane	ug/L	ND	20	20	19.9	19.0	99	95	60-140	5	
Bromoform	ug/L	ND	20	20	22.6	21.8	113	109	60-140	4	
Bromomethane	ug/L	ND	20	20	25.8	27.3	129	137	60-140	6	
Carbon tetrachloride	ug/L	ND	20	20	21.4	22.1	107	110	60-140	3	
Chlorobenzene	ug/L	ND	20	20	19.7	19.6	99	98	60-140	1	
Chloroethane	ug/L	ND	20	20	20.8	21.4	104	107	60-140	3	
Chloroform	ug/L	8.9	20	20	27.5	28.1	93	96	60-140	2	
Chloromethane	ug/L	ND	20	20	17.9	18.3	90	91	60-140	2	
cis-1,2-Dichloroethene	ug/L	ND	20	20	17.6	17.4	88	87	60-140	1	
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.8	18.9	99	94	60-140	5	
Dibromochloromethane	ug/L	ND	20	20	21.7	21.1	108	105	60-140	3	
Dibromomethane	ug/L	ND	20	20	21.2	20.7	106	104	60-140	2	
Dichlorodifluoromethane	ug/L	ND	20	20	21.4	21.3	107	107	60-140	0	
Diisopropyl ether	ug/L	ND	20	20	15.3	15.3	77	76	60-140	1	
Ethylbenzene	ug/L	ND	20	20	19.7	19.3	98	97	60-140	2	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	24.4	23.2	122	116	60-140	5	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.3	20.1	102	100	60-140	1	
m&p-Xylene	ug/L	ND	40	40	39.1	38.1	98	95	60-140	3	
Methyl-tert-butyl ether	ug/L	ND	20	20	17.3	17.5	87	88	60-140	1	
Methylene Chloride	ug/L	ND	20	20	15.8	15.9	79	79	60-140	1	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521102

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3160103 3160104

Parameter	Units	92521084001 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	20.0	19.1	100	95	60-140	4	
n-Propylbenzene	ug/L	ND	20	20	19.3	18.8	96	94	60-140	3	
Naphthalene	ug/L	ND	20	20	22.2	19.9	111	99	60-140	11	
o-Xylene	ug/L	ND	20	20	19.7	19.5	98	98	60-140	1	
sec-Butylbenzene	ug/L	ND	20	20	20.1	19.5	100	98	60-140	3	
Styrene	ug/L	ND	20	20	19.1	18.7	96	94	60-140	2	
tert-Butylbenzene	ug/L	ND	20	20	17.5	16.8	87	84	60-140	4	
Tetrachloroethene	ug/L	ND	20	20	21.9	20.9	110	104	60-140	5	
Toluene	ug/L	ND	20	20	18.5	18.2	93	91	60-140	2	
trans-1,2-Dichloroethene	ug/L	ND	20	20	18.4	18.0	92	90	60-140	2	
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.4	19.0	97	95	60-140	2	
Trichloroethene	ug/L	ND	20	20	20.6	19.7	103	98	60-140	5	
Trichlorofluoromethane	ug/L	ND	20	20	22.5	22.2	112	111	60-140	1	
Vinyl chloride	ug/L	ND	20	20	17.7	18.4	89	92	60-140	4	
1,2-Dichloroethane-d4 (S)	%						98	97	70-130		
4-Bromofluorobenzene (S)	%						98	98	70-130		
Toluene-d8 (S)	%						97	95	70-130		

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521102

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.

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92521102

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92521102001	**14226_HC_RD_20210209**	MADEPV	1620336	MADEP VPH	1620336
92521102001	**14226_HC_RD_20210209**	EPA 3010A	599201	EPA 6010D	599224
92521102001	**14226_HC_RD_20210209**	SM 6200B	599399		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

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

LAB U

WO# : 92521102

92521102

Number or

Conta.

Company: Apex Companies

Billing Information:

Address:

Report To: Andrew Street

Email To: Andrew.Street@apexcos.com

Copy To:

Site Collection Info/Address: 14226 Huntersville Concord Rd

Customer Project Name/Number: 2020-LI-2448 Incident

State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET

Phone:
Email:

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): Naomi Fitz

Purchase Order #:
Quote #:

DW PWS ID #:
DW Location Code:

Collected By (signature): Naomi Fitz

Turnaround Date Required: ASAP

Immediately Packed on Ice: [ ] Yes [ ] No

Sample Disposal:
[ ] Dispose as appropriate [ ] Return
[ ] Archive: _____
[ ] Hold: _____

Rush:
[ ] Same Day [ ] Next Day
[ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day
(Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

** 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 _____

* 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	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOCs 6200B	MADEP VPH	Lead						Lab Sample # / Comments
14226_HC_RD_20210209	DW	G	2-09-21	1105				8	X	X	X						001

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	(N)	NA
Custody Signatures Present	Y	(N)	NA
Collector Signature Present	(Y)	N	NA
Bottles Intact	(Y)	N	NA
Correct Bottles	(Y)	N	NA
Sufficient Volume	(Y)	N	NA
Samples Received on Ice	(Y)	N	NA
VOA - Headspace Acceptable	(Y)	N	NA
USDA Regulated Soils	Y	N	(NA)
Samples in Holding Time	(Y)	N	NA
Residual Chlorine Present	Y	N	(NA)
Cl Strips: _____			
Sample pH Acceptable	(Y)	N	NA
pH Strips: 2238 1964			
Sulfide Present	Y	N	(NA)
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: Bubble Bags

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

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

Lab Tracking #: 2615472

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 121064
Cooler 1 Temp Upon Receipt: 5.9 oC
Cooler 1 Therm Corr. Factor: -0.1 oC
Cooler 1 Corrected Temp: 5.8 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Fitz / Apex	2-9-21 1300	M.DC Pace HVL	2-9-21 13:00
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip 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#: 92521102

PM: AMB Due Date: 02/16/21

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						1										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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

February 15, 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.: 92521104

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on February 09, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521104

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident
Pace Project No.: 92521104

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92521104001	**DUP-1**	MADEP VPH	TPR	6	PAN
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92521104002	**FB-1**	MADEP VPH	TPR	6	PAN
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92521104003	**Trip Blank**	SM 6200B	SAS	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521104

Sample: DUP-1 **Lab ID: 92521104001** Collected: 02/09/21 00:00 Received: 02/09/21 13:00 Matrix: Water

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/L	100	1	02/12/21 18:10	02/12/21 18:10		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/12/21 18:10	02/12/21 18:10		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/12/21 18:10	02/12/21 18:10	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/12/21 18:10	02/12/21 18:10	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	100	%	70.0-130	1	02/12/21 18:10	02/12/21 18:10	615-59-8FID	
2,5-Dibromotoluene (PID)	90.4	%	70.0-130	1	02/12/21 18:10	02/12/21 18:10	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/11/21 01:48	02/11/21 20:10	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/12/21 01:49	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/12/21 01:49	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/12/21 01:49	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/12/21 01:49	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/12/21 01:49	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/12/21 01:49	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/12/21 01:49	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/12/21 01:49	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/12/21 01:49	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/12/21 01:49	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/12/21 01:49	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/12/21 01:49	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/12/21 01:49	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/12/21 01:49	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 01:49	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/12/21 01:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/12/21 01:49	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/12/21 01:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/12/21 01:49	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/12/21 01:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 01:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 01:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/12/21 01:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/12/21 01:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/12/21 01:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/12/21 01:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/12/21 01:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 01:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/12/21 01:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 01:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/12/21 01:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/12/21 01:49	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521104

Sample: DUP-1 **Lab ID: 92521104001** Collected: 02/09/21 00:00 Received: 02/09/21 13:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1-Dichloropropene	ND	ug/L	0.50	1		02/12/21 01:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 01:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/12/21 01:49	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/12/21 01:49	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/12/21 01:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/12/21 01:49	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/12/21 01:49	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/12/21 01:49	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/12/21 01:49	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/12/21 01:49	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/12/21 01:49	103-65-1	
Styrene	ND	ug/L	0.50	1		02/12/21 01:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 01:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/12/21 01:49	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/12/21 01:49	127-18-4	
Toluene	ND	ug/L	0.50	1		02/12/21 01:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 01:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/12/21 01:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/12/21 01:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/12/21 01:49	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/12/21 01:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/12/21 01:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/12/21 01:49	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 01:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/12/21 01:49	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/12/21 01:49	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/12/21 01:49	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/12/21 01:49	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	95	%	70-130	1		02/12/21 01:49	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130	1		02/12/21 01:49	460-00-4	
Toluene-d8 (S)	98	%	70-130	1		02/12/21 01:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521104

Sample: FB-1 **Lab ID: 92521104002** Collected: 02/09/21 00:00 Received: 02/09/21 13:00 Matrix: Water

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/L	100	1	02/12/21 16:28	02/12/21 16:28		
Aliphatic (C09-C12)	ND	ug/L	100	1	02/12/21 16:28	02/12/21 16:28		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	02/12/21 16:28	02/12/21 16:28	TPHC9C10A	
Total VPH	ND	ug/L	100	1	02/12/21 16:28	02/12/21 16:28	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	102	%	70.0-130	1	02/12/21 16:28	02/12/21 16:28	615-59-8FID	
2,5-Dibromotoluene (PID)	89.4	%	70.0-130	1	02/12/21 16:28	02/12/21 16:28	615-59-8PID	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	1	02/11/21 01:48	02/11/21 20:13	7439-92-1	
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/11/21 23:24	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/11/21 23:24	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/11/21 23:24	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/11/21 23:24	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/11/21 23:24	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/11/21 23:24	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/11/21 23:24	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/11/21 23:24	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/11/21 23:24	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/11/21 23:24	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/11/21 23:24	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/11/21 23:24	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/11/21 23:24	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/11/21 23:24	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 23:24	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 23:24	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/11/21 23:24	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/11/21 23:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/11/21 23:24	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/11/21 23:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 23:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 23:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 23:24	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/11/21 23:24	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/11/21 23:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/11/21 23:24	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/11/21 23:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 23:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 23:24	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 23:24	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/11/21 23:24	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 23:24	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521104

Sample: FB-1 **Lab ID: 92521104002** Collected: 02/09/21 00:00 Received: 02/09/21 13:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1-Dichloropropene	ND	ug/L	0.50	1		02/11/21 23:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 23:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 23:24	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/11/21 23:24	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/11/21 23:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/11/21 23:24	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/11/21 23:24	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/11/21 23:24	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/11/21 23:24	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/11/21 23:24	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/11/21 23:24	103-65-1	
Styrene	ND	ug/L	0.50	1		02/11/21 23:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 23:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 23:24	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		02/11/21 23:24	127-18-4	
Toluene	ND	ug/L	0.50	1		02/11/21 23:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 23:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 23:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/11/21 23:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/11/21 23:24	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/11/21 23:24	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/11/21 23:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/11/21 23:24	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 23:24	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 23:24	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/11/21 23:24	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/11/21 23:24	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/11/21 23:24	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	96	%	70-130	1		02/11/21 23:24	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130	1		02/11/21 23:24	460-00-4	
Toluene-d8 (S)	99	%	70-130	1		02/11/21 23:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521104

Sample: Trip Blank **Lab ID: 92521104003** Collected: 02/09/21 00:00 Received: 02/09/21 13:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	1		02/11/21 23:42	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		02/11/21 23:42	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		02/11/21 23:42	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		02/11/21 23:42	75-27-4	
Bromoform	ND	ug/L	0.50	1		02/11/21 23:42	75-25-2	
Bromomethane	ND	ug/L	5.0	1		02/11/21 23:42	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		02/11/21 23:42	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		02/11/21 23:42	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		02/11/21 23:42	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		02/11/21 23:42	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		02/11/21 23:42	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/11/21 23:42	75-00-3	
Chloroform	ND	ug/L	0.50	1		02/11/21 23:42	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/11/21 23:42	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 23:42	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		02/11/21 23:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		02/11/21 23:42	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		02/11/21 23:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		02/11/21 23:42	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		02/11/21 23:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 23:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 23:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		02/11/21 23:42	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		02/11/21 23:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		02/11/21 23:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		02/11/21 23:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		02/11/21 23:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 23:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		02/11/21 23:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 23:42	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		02/11/21 23:42	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		02/11/21 23:42	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		02/11/21 23:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 23:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		02/11/21 23:42	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		02/11/21 23:42	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		02/11/21 23:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		02/11/21 23:42	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		02/11/21 23:42	98-82-8	
Methylene Chloride	ND	ug/L	2.0	1		02/11/21 23:42	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		02/11/21 23:42	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		02/11/21 23:42	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		02/11/21 23:42	103-65-1	
Styrene	ND	ug/L	0.50	1		02/11/21 23:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 23:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		02/11/21 23:42	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521104

Sample: Trip Blank **Lab ID: 92521104003** Collected: 02/09/21 00:00 Received: 02/09/21 13:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV	Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Tetrachloroethene	ND	ug/L	0.50	1		02/11/21 23:42	127-18-4	
Toluene	ND	ug/L	0.50	1		02/11/21 23:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 23:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		02/11/21 23:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		02/11/21 23:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		02/11/21 23:42	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		02/11/21 23:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/11/21 23:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		02/11/21 23:42	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 23:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		02/11/21 23:42	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		02/11/21 23:42	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		02/11/21 23:42	179601-23-1	
o-Xylene	ND	ug/L	0.50	1		02/11/21 23:42	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		02/11/21 23:42	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130	1		02/11/21 23:42	460-00-4	
Toluene-d8 (S)	98	%	70-130	1		02/11/21 23:42	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521104

QC Batch: 1620658
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92521104001, 92521104002

METHOD BLANK: R3622295-3 Matrix: Water
Associated Lab Samples: 92521104001, 92521104002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	02/12/21 15:06	
Aliphatic (C09-C12)	ug/L	ND	100	02/12/21 15:06	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	02/12/21 15:06	
Total VPH	ug/L	ND	100	02/12/21 15:06	
2,5-Dibromotoluene (FID)	%	97.4	70.0-130	02/12/21 15:06	
2,5-Dibromotoluene (PID)	%	85.2	70.0-130	02/12/21 15:06	

LABORATORY CONTROL SAMPLE & LCSD: R3622295-1 R3622295-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1150	1160	95.8	96.7	70.0-130	0.866	25	
Aliphatic (C09-C12)	ug/L	1400	1620	1660	116	119	70.0-130	2.44	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	240	229	120	115	70.0-130	4.69	25	
Total VPH	ug/L	2800	3010	3050	108	109	70.0-130	1.32	25	
2,5-Dibromotoluene (FID)	%				119	108	70.0-130			
2,5-Dibromotoluene (PID)	%				105	95.9	70.0-130			

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521104

QC Batch: 599201
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92521104001, 92521104002

METHOD BLANK: 3159099 Matrix: Water
Associated Lab Samples: 92521104001, 92521104002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	02/11/21 19:12	

LABORATORY CONTROL SAMPLE: 3159100

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	481	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3159101 3159102

Parameter	Units	92521204002 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	491	483	98	97	75-125	2	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521104

QC Batch: 599399
QC Batch Method: SM 6200B
Analysis Method: SM 6200B
Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92521104001, 92521104002, 92521104003

METHOD BLANK: 3160101 Matrix: Water
Associated Lab Samples: 92521104001, 92521104002, 92521104003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1,1-Trichloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1,2-Trichloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1-Dichloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,1-Dichloroethene	ug/L	ND	0.50	02/11/21 22:30	
1,1-Dichloropropene	ug/L	ND	0.50	02/11/21 22:30	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	02/11/21 22:30	
1,2,3-Trichloropropane	ug/L	ND	0.50	02/11/21 22:30	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	02/11/21 22:30	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	02/11/21 22:30	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	02/11/21 22:30	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	02/11/21 22:30	
1,2-Dichlorobenzene	ug/L	ND	0.50	02/11/21 22:30	
1,2-Dichloroethane	ug/L	ND	0.50	02/11/21 22:30	
1,2-Dichloropropane	ug/L	ND	0.50	02/11/21 22:30	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	02/11/21 22:30	
1,3-Dichlorobenzene	ug/L	ND	0.50	02/11/21 22:30	
1,3-Dichloropropane	ug/L	ND	0.50	02/11/21 22:30	
1,4-Dichlorobenzene	ug/L	ND	0.50	02/11/21 22:30	
2,2-Dichloropropane	ug/L	ND	0.50	02/11/21 22:30	
2-Chlorotoluene	ug/L	ND	0.50	02/11/21 22:30	
4-Chlorotoluene	ug/L	ND	0.50	02/11/21 22:30	
Benzene	ug/L	ND	0.50	02/11/21 22:30	
Bromobenzene	ug/L	ND	0.50	02/11/21 22:30	
Bromochloromethane	ug/L	ND	0.50	02/11/21 22:30	
Bromodichloromethane	ug/L	ND	0.50	02/11/21 22:30	
Bromoform	ug/L	ND	0.50	02/11/21 22:30	
Bromomethane	ug/L	ND	5.0	02/11/21 22:30	
Carbon tetrachloride	ug/L	ND	0.50	02/11/21 22:30	
Chlorobenzene	ug/L	ND	0.50	02/11/21 22:30	
Chloroethane	ug/L	ND	1.0	02/11/21 22:30	
Chloroform	ug/L	ND	0.50	02/11/21 22:30	
Chloromethane	ug/L	ND	1.0	02/11/21 22:30	
cis-1,2-Dichloroethene	ug/L	ND	0.50	02/11/21 22:30	
cis-1,3-Dichloropropene	ug/L	ND	0.50	02/11/21 22:30	
Dibromochloromethane	ug/L	ND	0.50	02/11/21 22:30	
Dibromomethane	ug/L	ND	0.50	02/11/21 22:30	
Dichlorodifluoromethane	ug/L	ND	0.50	02/11/21 22:30	
Diisopropyl ether	ug/L	ND	0.50	02/11/21 22:30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521104

METHOD BLANK: 3160101 Matrix: Water
Associated Lab Samples: 92521104001, 92521104002, 92521104003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	02/11/21 22:30	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	02/11/21 22:30	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	02/11/21 22:30	
m&p-Xylene	ug/L	ND	1.0	02/11/21 22:30	
Methyl-tert-butyl ether	ug/L	ND	0.50	02/11/21 22:30	
Methylene Chloride	ug/L	ND	2.0	02/11/21 22:30	
n-Butylbenzene	ug/L	ND	0.50	02/11/21 22:30	
n-Propylbenzene	ug/L	ND	0.50	02/11/21 22:30	
Naphthalene	ug/L	ND	2.0	02/11/21 22:30	
o-Xylene	ug/L	ND	0.50	02/11/21 22:30	
sec-Butylbenzene	ug/L	ND	0.50	02/11/21 22:30	
Styrene	ug/L	ND	0.50	02/11/21 22:30	
tert-Butylbenzene	ug/L	ND	0.50	02/11/21 22:30	
Tetrachloroethene	ug/L	ND	0.50	02/11/21 22:30	
Toluene	ug/L	ND	0.50	02/11/21 22:30	
trans-1,2-Dichloroethene	ug/L	ND	0.50	02/11/21 22:30	
trans-1,3-Dichloropropene	ug/L	ND	0.50	02/11/21 22:30	
Trichloroethene	ug/L	ND	0.50	02/11/21 22:30	
Trichlorofluoromethane	ug/L	ND	1.0	02/11/21 22:30	
Vinyl chloride	ug/L	ND	1.0	02/11/21 22:30	
1,2-Dichloroethane-d4 (S)	%	95	70-130	02/11/21 22:30	
4-Bromofluorobenzene (S)	%	98	70-130	02/11/21 22:30	
Toluene-d8 (S)	%	101	70-130	02/11/21 22:30	

LABORATORY CONTROL SAMPLE: 3160102

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.6	105	60-140	
1,1,1-Trichloroethane	ug/L	50	46.6	93	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.7	95	60-140	
1,1,2-Trichloroethane	ug/L	50	49.7	99	60-140	
1,1-Dichloroethane	ug/L	50	44.3	89	60-140	
1,1-Dichloroethene	ug/L	50	44.5	89	60-140	
1,1-Dichloropropene	ug/L	50	44.4	89	60-140	
1,2,3-Trichlorobenzene	ug/L	50	50.5	101	60-140	
1,2,3-Trichloropropane	ug/L	50	47.3	95	60-140	
1,2,4-Trichlorobenzene	ug/L	50	51.4	103	60-140	
1,2,4-Trimethylbenzene	ug/L	50	45.6	91	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	57.8	116	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.7	105	60-140	
1,2-Dichlorobenzene	ug/L	50	48.7	97	60-140	
1,2-Dichloroethane	ug/L	50	42.6	85	60-140	
1,2-Dichloropropane	ug/L	50	44.9	90	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.4	91	60-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521104

LABORATORY CONTROL SAMPLE: 3160102

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	48.8	98	60-140	
1,3-Dichloropropane	ug/L	50	47.7	95	60-140	
1,4-Dichlorobenzene	ug/L	50	47.5	95	60-140	
2,2-Dichloropropane	ug/L	50	46.9	94	60-140	
2-Chlorotoluene	ug/L	50	45.7	91	60-140	
4-Chlorotoluene	ug/L	50	45.7	91	60-140	
Benzene	ug/L	50	43.7	87	60-140	
Bromobenzene	ug/L	50	47.7	95	60-140	
Bromochloromethane	ug/L	50	48.0	96	60-140	
Bromodichloromethane	ug/L	50	48.9	98	60-140	
Bromoform	ug/L	50	57.1	114	60-140	
Bromomethane	ug/L	50	54.4	109	60-140	
Carbon tetrachloride	ug/L	50	50.3	101	60-140	
Chlorobenzene	ug/L	50	48.9	98	60-140	
Chloroethane	ug/L	50	53.2	106	60-140	
Chloroform	ug/L	50	44.6	89	60-140	
Chloromethane	ug/L	50	42.9	86	60-140	
cis-1,2-Dichloroethene	ug/L	50	43.6	87	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.6	99	60-140	
Dibromochloromethane	ug/L	50	54.8	110	60-140	
Dibromomethane	ug/L	50	52.8	106	60-140	
Dichlorodifluoromethane	ug/L	50	50.2	100	60-140	
Diisopropyl ether	ug/L	50	39.8	80	60-140	
Ethylbenzene	ug/L	50	47.4	95	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.4	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.6	97	60-140	
m&p-Xylene	ug/L	100	93.2	93	60-140	
Methyl-tert-butyl ether	ug/L	50	43.9	88	60-140	
Methylene Chloride	ug/L	50	40.0	80	60-140	
n-Butylbenzene	ug/L	50	44.4	89	60-140	
n-Propylbenzene	ug/L	50	43.1	86	60-140	
Naphthalene	ug/L	50	51.9	104	60-140	
o-Xylene	ug/L	50	48.6	97	60-140	
sec-Butylbenzene	ug/L	50	44.8	90	60-140	
Styrene	ug/L	50	49.3	99	60-140	
tert-Butylbenzene	ug/L	50	38.9	78	60-140	
Tetrachloroethene	ug/L	50	50.2	100	60-140	
Toluene	ug/L	50	46.7	93	60-140	
trans-1,2-Dichloroethene	ug/L	50	44.7	89	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.6	97	60-140	
Trichloroethene	ug/L	50	49.3	99	60-140	
Trichlorofluoromethane	ug/L	50	44.5	89	60-140	
Vinyl chloride	ug/L	50	42.8	86	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			93	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521104

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3160103 3160104

Parameter	Units	92521084001 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	21.4	21.0	107	105	60-140	2	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.3	19.6	102	98	60-140	4	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	18.8	18.2	94	91	60-140	3	
1,1,2-Trichloroethane	ug/L	ND	20	20	19.3	19.4	97	97	60-140	0	
1,1-Dichloroethane	ug/L	ND	20	20	17.5	17.4	88	87	60-140	1	
1,1-Dichloroethene	ug/L	ND	20	20	19.2	18.7	96	93	60-140	3	
1,1-Dichloropropene	ug/L	ND	20	20	18.8	18.3	94	92	60-140	2	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	22.5	20.5	112	102	60-140	9	
1,2,3-Trichloropropane	ug/L	ND	20	20	18.0	18.2	90	91	60-140	1	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	22.9	20.8	115	104	60-140	10	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.2	19.6	101	98	60-140	3	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	24.5	22.5	122	112	60-140	9	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.1	19.7	100	99	60-140	2	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.1	19.3	101	97	60-140	4	
1,2-Dichloroethane	ug/L	ND	20	20	16.8	16.9	84	85	60-140	1	
1,2-Dichloropropane	ug/L	ND	20	20	17.1	16.8	86	84	60-140	2	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.1	19.5	100	98	60-140	3	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.5	19.8	103	99	60-140	3	
1,3-Dichloropropane	ug/L	ND	20	20	18.6	18.6	93	93	60-140	0	
1,4-Dichlorobenzene	ug/L	ND	20	20	19.7	19.3	99	96	60-140	2	
2,2-Dichloropropane	ug/L	ND	20	20	20.3	20.6	102	103	60-140	1	
2-Chlorotoluene	ug/L	ND	20	20	19.8	19.7	99	99	60-140	0	
4-Chlorotoluene	ug/L	ND	20	20	19.4	19.2	97	96	60-140	1	
Benzene	ug/L	ND	20	20	17.9	17.4	90	87	60-140	3	
Bromobenzene	ug/L	ND	20	20	20.5	20.6	103	103	60-140	0	
Bromochloromethane	ug/L	ND	20	20	18.6	19.0	93	95	60-140	2	
Bromodichloromethane	ug/L	ND	20	20	19.9	19.0	99	95	60-140	5	
Bromoform	ug/L	ND	20	20	22.6	21.8	113	109	60-140	4	
Bromomethane	ug/L	ND	20	20	25.8	27.3	129	137	60-140	6	
Carbon tetrachloride	ug/L	ND	20	20	21.4	22.1	107	110	60-140	3	
Chlorobenzene	ug/L	ND	20	20	19.7	19.6	99	98	60-140	1	
Chloroethane	ug/L	ND	20	20	20.8	21.4	104	107	60-140	3	
Chloroform	ug/L	8.9	20	20	27.5	28.1	93	96	60-140	2	
Chloromethane	ug/L	ND	20	20	17.9	18.3	90	91	60-140	2	
cis-1,2-Dichloroethene	ug/L	ND	20	20	17.6	17.4	88	87	60-140	1	
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.8	18.9	99	94	60-140	5	
Dibromochloromethane	ug/L	ND	20	20	21.7	21.1	108	105	60-140	3	
Dibromomethane	ug/L	ND	20	20	21.2	20.7	106	104	60-140	2	
Dichlorodifluoromethane	ug/L	ND	20	20	21.4	21.3	107	107	60-140	0	
Diisopropyl ether	ug/L	ND	20	20	15.3	15.3	77	76	60-140	1	
Ethylbenzene	ug/L	ND	20	20	19.7	19.3	98	97	60-140	2	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	24.4	23.2	122	116	60-140	5	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.3	20.1	102	100	60-140	1	
m&p-Xylene	ug/L	ND	40	40	39.1	38.1	98	95	60-140	3	
Methyl-tert-butyl ether	ug/L	ND	20	20	17.3	17.5	87	88	60-140	1	
Methylene Chloride	ug/L	ND	20	20	15.8	15.9	79	79	60-140	1	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92521104

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3160103 3160104

Parameter	Units	92521084001 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	20.0	19.1	100	95	60-140	4	
n-Propylbenzene	ug/L	ND	20	20	19.3	18.8	96	94	60-140	3	
Naphthalene	ug/L	ND	20	20	22.2	19.9	111	99	60-140	11	
o-Xylene	ug/L	ND	20	20	19.7	19.5	98	98	60-140	1	
sec-Butylbenzene	ug/L	ND	20	20	20.1	19.5	100	98	60-140	3	
Styrene	ug/L	ND	20	20	19.1	18.7	96	94	60-140	2	
tert-Butylbenzene	ug/L	ND	20	20	17.5	16.8	87	84	60-140	4	
Tetrachloroethene	ug/L	ND	20	20	21.9	20.9	110	104	60-140	5	
Toluene	ug/L	ND	20	20	18.5	18.2	93	91	60-140	2	
trans-1,2-Dichloroethene	ug/L	ND	20	20	18.4	18.0	92	90	60-140	2	
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.4	19.0	97	95	60-140	2	
Trichloroethene	ug/L	ND	20	20	20.6	19.7	103	98	60-140	5	
Trichlorofluoromethane	ug/L	ND	20	20	22.5	22.2	112	111	60-140	1	
Vinyl chloride	ug/L	ND	20	20	17.7	18.4	89	92	60-140	4	
1,2-Dichloroethane-d4 (S)	%						98	97	70-130		
4-Bromofluorobenzene (S)	%						98	98	70-130		
Toluene-d8 (S)	%						97	95	70-130		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92521104

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident
Pace Project No.: 92521104

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92521104001	**DUP-1**	MADEPV	1620658	MADEP VPH	1620658
92521104002	**FB-1**	MADEPV	1620658	MADEP VPH	1620658
92521104001	**DUP-1**	EPA 3010A	599201	EPA 6010D	599224
92521104002	**FB-1**	EPA 3010A	599201	EPA 6010D	599224
92521104001	**DUP-1**	SM 6200B	599399		
92521104002	**FB-1**	SM 6200B	599399		
92521104003	**Trip Blank**	SM 6200B	599399		

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB US — **WO# : 92521104** — umber or

92521104

Contair

** 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 _____

Company: Apex Companies	Billing Information:
Address:	
Report To: Andrew Street	Email To: Andrew.Street@apexcos.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: 2020-LI-2448 Incident	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: — Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Naomi Fritz	Purchase Order #: Quote #: — DW PWS ID #: DW Location Code:
Collected By (signature): Naomi Fritz	Turnaround Date Required: ASAP — Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) — Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOCs 6200B	MADEP VPH	Lead	Lab Sample # / Comments
												92521104
DUP-1	DW	G	2-9-21	"				8	X	X	X	001
FB-1	OT	G	↓	"				8	X	X	X	002
Trip Blank	OT	-	↓	"				2	X			003

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y (N) NA
Custody Signatures Present	Y (N) NA
Collector Signature Present	(Y) N NA
Bottles Intact	(Y) N NA
Correct Bottles	(Y) N NA
Sufficient Volume	(Y) N NA
Samples Received on Ice	(Y) N NA
VOA - Headspace Acceptable	(Y) N NA
USDA Regulated Soils	Y (N) NA
Samples in Holding Time	(Y) N NA
Residual Chlorine Present	Y N (NA)
Cl Strips: _____	
Sample pH Acceptable	(Y) N NA
pH Strips: 233149 AU	
Sulfide Present	Y (N) NA
Lead Acetate Strips: _____	

LAB USE ONLY:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: Bubble Bags

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

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

Lab Tracking #: 2528998

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y (N) NA

Therm ID#: 92084

Cooler 1 Temp Upon Receipt: 5.9 oC

Cooler 1 Therm Corr. Factor: -0.1 oC

Cooler 1 Corrected Temp: 5.8 oC

Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Naomi Fritz / Apex	2-9-21 1300	M DC Pace HVL 2/9/21	1300
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip 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# : 92521104**

PM: AMB Due Date: 02/16/21

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						V										7													
2						V										7													
3						V										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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

February 02, 2021

Alex Testoff
Montrose Environmental Group, Inc.
400 Northridge Rd.
Suite 400
Atlanta, GA 30350

RE: Project: Colonial Northstone
Pace Project No.: 92518941

Dear Alex Testoff:

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

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

- Pace Analytical Services - Charlotte

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

Sincerely,

Nicole Gasiorowski

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: Colonial Northstone
Pace Project No.: 92518941

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: Colonial Northstone
Pace Project No.: 92518941

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92518941001	**21027-SW-1**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92518941002	**21027-SW-2**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92518941003	**21027-SW-3**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92518941004	**21027-SW-4**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92518941005	**21027-SW-5**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92518941006	**21027-SW-7**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92518941007	**21027-SW-Conf**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92518941008	**21027-SW-Seep**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92518941009	**21027-SW-6**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92518941010	**21027-SW-DUP**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92518941011	**21027-Trip Blank**	EPA 8260D	CL	9	PASI-C

PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Colonial Northstone
Pace Project No.: 92518941

Sample: 21027-SW-1 **Lab ID: 92518941001** Collected: 01/27/21 13:35 Received: 01/27/21 14:15 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		02/01/21 20:56		
Surrogates								
4-Bromofluorobenzene (S)	80	%	70-130	1		02/01/21 20:56	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		02/02/21 00:26	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		02/02/21 00:26	100-41-4	
Toluene	ND	ug/L	1.0	1		02/02/21 00:26	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		02/02/21 00:26	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/02/21 00:26	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/02/21 00:26	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	105	%	70-130	1		02/02/21 00:26	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	70-130	1		02/02/21 00:26	17060-07-0	
Toluene-d8 (S)	106	%	70-130	1		02/02/21 00:26	2037-26-5	

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ANALYTICAL RESULTS

Project: Colonial Northstone
Pace Project No.: 92518941

Sample: 21027-SW-2 **Lab ID: 92518941002** Collected: 01/27/21 13:25 Received: 01/27/21 14:15 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		02/01/21 21:52		
Surrogates								
4-Bromofluorobenzene (S)	85	%	70-130	1		02/01/21 21:52	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		02/02/21 00:44	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		02/02/21 00:44	100-41-4	
Toluene	ND	ug/L	1.0	1		02/02/21 00:44	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		02/02/21 00:44	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/02/21 00:44	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/02/21 00:44	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	105	%	70-130	1		02/02/21 00:44	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	70-130	1		02/02/21 00:44	17060-07-0	
Toluene-d8 (S)	106	%	70-130	1		02/02/21 00:44	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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ANALYTICAL RESULTS

Project: Colonial Northstone
Pace Project No.: 92518941

Sample: 21027-SW-3 **Lab ID: 92518941003** Collected: 01/27/21 12:45 Received: 01/27/21 14:15 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		02/01/21 22:20		
Surrogates								
4-Bromofluorobenzene (S)	85	%	70-130	1		02/01/21 22:20	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		02/02/21 01:01	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		02/02/21 01:01	100-41-4	
Toluene	ND	ug/L	1.0	1		02/02/21 01:01	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		02/02/21 01:01	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/02/21 01:01	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/02/21 01:01	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	106	%	70-130	1		02/02/21 01:01	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	70-130	1		02/02/21 01:01	17060-07-0	
Toluene-d8 (S)	106	%	70-130	1		02/02/21 01:01	2037-26-5	

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ANALYTICAL RESULTS

Project: Colonial Northstone
Pace Project No.: 92518941

Sample: 21027-SW-4 **Lab ID: 92518941004** Collected: 01/27/21 12:25 Received: 01/27/21 14:15 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		02/01/21 22:48		
Surrogates								
4-Bromofluorobenzene (S)	81	%	70-130	1		02/01/21 22:48	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		02/02/21 01:19	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		02/02/21 01:19	100-41-4	
Toluene	ND	ug/L	1.0	1		02/02/21 01:19	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		02/02/21 01:19	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/02/21 01:19	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/02/21 01:19	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	106	%	70-130	1		02/02/21 01:19	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130	1		02/02/21 01:19	17060-07-0	
Toluene-d8 (S)	104	%	70-130	1		02/02/21 01:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Colonial Northstone
Pace Project No.: 92518941

Sample: 21027-SW-5 **Lab ID: 92518941005** Collected: 01/27/21 12:10 Received: 01/27/21 14:15 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		02/01/21 23:16		
Surrogates								
4-Bromofluorobenzene (S)	79	%	70-130	1		02/01/21 23:16	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		02/02/21 01:36	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		02/02/21 01:36	100-41-4	
Toluene	ND	ug/L	1.0	1		02/02/21 01:36	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		02/02/21 01:36	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/02/21 01:36	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/02/21 01:36	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	104	%	70-130	1		02/02/21 01:36	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130	1		02/02/21 01:36	17060-07-0	
Toluene-d8 (S)	105	%	70-130	1		02/02/21 01:36	2037-26-5	

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ANALYTICAL RESULTS

Project: Colonial Northstone
Pace Project No.: 92518941

Sample: 21027-SW-7 **Lab ID: 92518941006** Collected: 01/27/21 11:35 Received: 01/27/21 14:15 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		02/01/21 23:44		
Surrogates								
4-Bromofluorobenzene (S)	83	%	70-130	1		02/01/21 23:44	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		02/02/21 01:54	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		02/02/21 01:54	100-41-4	
Toluene	ND	ug/L	1.0	1		02/02/21 01:54	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		02/02/21 01:54	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/02/21 01:54	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/02/21 01:54	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	104	%	70-130	1		02/02/21 01:54	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130	1		02/02/21 01:54	17060-07-0	
Toluene-d8 (S)	106	%	70-130	1		02/02/21 01:54	2037-26-5	

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ANALYTICAL RESULTS

Project: Colonial Northstone
Pace Project No.: 92518941

Sample: 21027-SW-Conf **Lab ID: 92518941007** Collected: 01/27/21 13:00 Received: 01/27/21 14:15 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		02/02/21 00:13		
Surrogates								
4-Bromofluorobenzene (S)	80	%	70-130	1		02/02/21 00:13	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		02/02/21 02:12	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		02/02/21 02:12	100-41-4	
Toluene	ND	ug/L	1.0	1		02/02/21 02:12	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		02/02/21 02:12	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/02/21 02:12	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/02/21 02:12	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	106	%	70-130	1		02/02/21 02:12	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%	70-130	1		02/02/21 02:12	17060-07-0	
Toluene-d8 (S)	108	%	70-130	1		02/02/21 02:12	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Northstone
Pace Project No.: 92518941

Sample: 21027-SW-Seep **Lab ID: 92518941008** Collected: 01/27/21 13:05 Received: 01/27/21 14:15 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		02/02/21 00:41		
Surrogates								
4-Bromofluorobenzene (S)	80	%	70-130	1		02/02/21 00:41	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		02/02/21 02:29	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		02/02/21 02:29	100-41-4	
Toluene	ND	ug/L	1.0	1		02/02/21 02:29	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		02/02/21 02:29	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/02/21 02:29	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/02/21 02:29	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	104	%	70-130	1		02/02/21 02:29	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130	1		02/02/21 02:29	17060-07-0	
Toluene-d8 (S)	105	%	70-130	1		02/02/21 02:29	2037-26-5	

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ANALYTICAL RESULTS

Project: Colonial Northstone
Pace Project No.: 92518941

Sample: 21027-SW-6 **Lab ID: 92518941009** Collected: 01/27/21 11:50 Received: 01/27/21 14:15 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		02/02/21 01:09		
Surrogates								
4-Bromofluorobenzene (S)	82	%	70-130	1		02/02/21 01:09	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		02/02/21 02:47	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		02/02/21 02:47	100-41-4	
Toluene	ND	ug/L	1.0	1		02/02/21 02:47	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		02/02/21 02:47	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/02/21 02:47	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/02/21 02:47	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	104	%	70-130	1		02/02/21 02:47	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130	1		02/02/21 02:47	17060-07-0	
Toluene-d8 (S)	105	%	70-130	1		02/02/21 02:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: Colonial Northstone
Pace Project No.: 92518941

Sample: 21027-SW-DUP **Lab ID: 92518941010** Collected: 01/27/21 12:00 Received: 01/27/21 14:15 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		02/02/21 01:37		
Surrogates								
4-Bromofluorobenzene (S)	80	%	70-130	1		02/02/21 01:37	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		02/02/21 03:05	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		02/02/21 03:05	100-41-4	
Toluene	ND	ug/L	1.0	1		02/02/21 03:05	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		02/02/21 03:05	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/02/21 03:05	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/02/21 03:05	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	105	%	70-130	1		02/02/21 03:05	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	70-130	1		02/02/21 03:05	17060-07-0	
Toluene-d8 (S)	105	%	70-130	1		02/02/21 03:05	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Colonial Northstone
Pace Project No.: 92518941

Sample: 21027-Trip Blank **Lab ID: 92518941011** Collected: 01/27/21 00:00 Received: 01/27/21 14:15 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		02/01/21 23:51	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		02/01/21 23:51	100-41-4	
Toluene	ND	ug/L	1.0	1		02/01/21 23:51	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		02/01/21 23:51	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/01/21 23:51	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/01/21 23:51	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	107	%	70-130	1		02/01/21 23:51	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	70-130	1		02/01/21 23:51	17060-07-0	
Toluene-d8 (S)	106	%	70-130	1		02/01/21 23:51	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Colonial Northstone
Pace Project No.: 92518941

QC Batch: 596715 | 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: 92518941001, 92518941002, 92518941003, 92518941004, 92518941005, 92518941006, 92518941007, 92518941008, 92518941009, 92518941010

METHOD BLANK: 3146995 Matrix: Water
Associated Lab Samples: 92518941001, 92518941002, 92518941003, 92518941004, 92518941005, 92518941006, 92518941007, 92518941008, 92518941009, 92518941010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	0.080	02/01/21 20:27	
4-Bromofluorobenzene (S)	%	87	70-130	02/01/21 20:27	

LABORATORY CONTROL SAMPLE: 3146996

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gas Range Organics (C6-C10)	mg/L	1	0.92	92	70-130	
4-Bromofluorobenzene (S)	%			90	70-130	

MATRIX SPIKE SAMPLE: 3146998

Parameter	Units	92518941002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	1	0.93	91	68-145	
4-Bromofluorobenzene (S)	%				84	70-130	

SAMPLE DUPLICATE: 3146997

Parameter	Units	92518941001 Result	Dup Result	RPD	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	.019J		
4-Bromofluorobenzene (S)	%	80	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.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Colonial Northstone
Pace Project No.: 92518941

QC Batch: 596761 | Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D | Analysis Description: 8260D MSV Low Level
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92518941001, 92518941002, 92518941003, 92518941004, 92518941005, 92518941006, 92518941007, 92518941008, 92518941009, 92518941010, 92518941011

METHOD BLANK: 3147232 Matrix: Water

Associated Lab Samples: 92518941001, 92518941002, 92518941003, 92518941004, 92518941005, 92518941006, 92518941007, 92518941008, 92518941009, 92518941010, 92518941011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	02/01/21 23:33	
Ethylbenzene	ug/L	ND	1.0	02/01/21 23:33	
m&p-Xylene	ug/L	ND	2.0	02/01/21 23:33	
o-Xylene	ug/L	ND	1.0	02/01/21 23:33	
Toluene	ug/L	ND	1.0	02/01/21 23:33	
Xylene (Total)	ug/L	ND	1.0	02/01/21 23:33	
1,2-Dichloroethane-d4 (S)	%	92	70-130	02/01/21 23:33	
4-Bromofluorobenzene (S)	%	105	70-130	02/01/21 23:33	
Toluene-d8 (S)	%	104	70-130	02/01/21 23:33	

LABORATORY CONTROL SAMPLE: 3147233

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	56.1	112	70-130	
Ethylbenzene	ug/L	50	54.1	108	70-130	
m&p-Xylene	ug/L	100	106	106	70-130	
o-Xylene	ug/L	50	55.1	110	70-130	
Toluene	ug/L	50	53.6	107	70-130	
Xylene (Total)	ug/L	150	161	108	70-130	
1,2-Dichloroethane-d4 (S)	%			91	70-130	
4-Bromofluorobenzene (S)	%			104	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3147234 3147235

Parameter	Units	92518941001 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	19.9	21.8	99	109	67-150	9	
Ethylbenzene	ug/L	ND	20	20	18.3	21.0	92	105	68-143	14	
m&p-Xylene	ug/L	ND	40	40	37.4	40.7	94	102	53-157	8	
o-Xylene	ug/L	ND	20	20	18.8	21.1	94	105	68-143	11	
Toluene	ug/L	ND	20	20	19.8	21.6	99	108	47-157	9	
Xylene (Total)	ug/L	ND	60	60	56.2	61.7	94	103	66-145	9	
1,2-Dichloroethane-d4 (S)	%						98	94	70-130		
4-Bromofluorobenzene (S)	%						102	103	70-130		
Toluene-d8 (S)	%						105	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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: Colonial Northstone
Pace Project No.: 92518941

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.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Colonial Northstone
Pace Project No.: 92518941

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92518941001	**21027-SW-1**	EPA 5030B/8015C Mod.	596715		
92518941002	**21027-SW-2**	EPA 5030B/8015C Mod.	596715		
92518941003	**21027-SW-3**	EPA 5030B/8015C Mod.	596715		
92518941004	**21027-SW-4**	EPA 5030B/8015C Mod.	596715		
92518941005	**21027-SW-5**	EPA 5030B/8015C Mod.	596715		
92518941006	**21027-SW-7**	EPA 5030B/8015C Mod.	596715		
92518941007	**21027-SW-Conf**	EPA 5030B/8015C Mod.	596715		
92518941008	**21027-SW-Seep**	EPA 5030B/8015C Mod.	596715		
92518941009	**21027-SW-6**	EPA 5030B/8015C Mod.	596715		
92518941010	**21027-SW-DUP**	EPA 5030B/8015C Mod.	596715		
92518941001	**21027-SW-1**	EPA 8260D	596761		
92518941002	**21027-SW-2**	EPA 8260D	596761		
92518941003	**21027-SW-3**	EPA 8260D	596761		
92518941004	**21027-SW-4**	EPA 8260D	596761		
92518941005	**21027-SW-5**	EPA 8260D	596761		
92518941006	**21027-SW-7**	EPA 8260D	596761		
92518941007	**21027-SW-Conf**	EPA 8260D	596761		
92518941008	**21027-SW-Seep**	EPA 8260D	596761		
92518941009	**21027-SW-6**	EPA 8260D	596761		
92518941010	**21027-SW-DUP**	EPA 8260D	596761		
92518941011	**21027-Trip Blank**	EPA 8260D	596761		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

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

WO# : 92518941

92518941

Company: Montrose - EPS	Billing Information: 400 Northridge Rd, Suite 400 Sandy Springs, GA 30350
Address:	
Report To: Email to: Clee@montrose-env.com;	Email To: ctates@montrose-env.com;
Copy To: gtestoff@montrose-env.com	Site Collection Info/Address:
Customer Project Name/Number: Colonial Northstone/070PP-785322	State: NC/Huntersville County/City: Time Zone Collected: [ ] PT [ ] MT [ ] CT [✓] ET
Phone: 404-315-9113 Email:	Site/Facility ID #:
Collected By (print): Cole Cates	Purchase Order #: Quote #:
Collected By (signature): Cole Cates	Turnaround Date Required:
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [✓] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: DW Location Code:

Immediately Packed on Ice: [✓] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

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

** 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 Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: BTEX Method 8026	Analyses: TPH GRO Method 8015	Lab Profile/Line:
21027-SW-1	SW	G	1/27/21	1335				6	X	X	001
21027-SW-2	SW	G	1/27/21	1325				6	X	X	002
21027-SW-3	SW	G	1/27/21	1245				6	X	X	003
21027-SW-4	SW	G	1/27/21	1225				6	X	X	004
21027-SW-5	SW	G	1/27/21	1210				6	X	X	005
21027-SW-7	SW	G	1/27/21	1135				6	X	X	006
21027-SW-Conf	SW	G	1/27/21	1300				6	X	X	007
21027-SW-Seep	SW	G	1/27/21	1305				6	X	X	008
21027-SW-6	SW	G	1/27/21	1150				6	X	X	009
21027-SW-DUP	SW	G	1/27/21	1200				6	X	X	010

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	(Y)	N	NA
Custody Signatures Present	(Y)	N	NA
Collector Signature Present	(Y)	N	NA
Bottles Intact	(Y)	N	NA
Correct Bottles	(Y)	N	NA
Sufficient Volume	(Y)	N	NA
Samples Received on Ice	(Y)	N	NA
VOA - Headspace Acceptable	(Y)	N	NA
USDA Regulated Soils	Y	N	(NA)
Samples in Holding Time	(Y)	N	NA
Residual Chlorine Present	Y	N	(NA)
Sample pH Acceptable	Y	N	(NA)
Sulfide Present	Y	N	(NA)

Cl Strips: _____

pH Strips: _____

Lead Acetate Strips: _____

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:
SW = Surface Water
G = Grab

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: Bubble bags

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

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

Lab Tracking #: 2538642

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: 92100AF
Cooler 1 Temp Upon Receipt: 3.6 oC
Cooler 1 Therm Corr. Factor: -.1 oC
Cooler 1 Corrected Temp: 3.5 oC
Comments:

Relinquished by/Company: (Signature) Cole Cates	Date/Time: 1-27-21 1415	Received by/Company: (Signature) TO Pace MVL	Date/Time: 1/27/21 1415	MTJL LAB USE ONLY: Table #: Acctnum: Template: Prelogin: PM: PB:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	

Trip Blank Received: (Y) N NA
(HCL) MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: _____ of: _____

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

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

LAB USE **WO# : 92518941** umber or

PM: NMG Due Date: 02/02/21

CLIENT: 92-MontEnvGr

Company: Montrose-EPS

Billing Information: 400 Northridge Rd, Suite 400 Sandy Springs, GA 30350

Address/Email to,: Clee@montrose-env.com

Report To: gtestoff@montrose-env.com

Email To:

Copy To: Ctcates@montrose-env.com

Site Collection Info/Address:

Customer Project Name/Number: Edonial Northstone/070PP-785322

State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [✓] ET

Phone: 404-315-9113 Email:

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): Cole Cates

Purchase Order #: Quote #:

DW PWS ID #: DW Location Code:

Collected By (signature): Cole Cates

Turnaround Date Required:

Immediately Packed on Ice: [✓] Yes [ ] No

Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____

Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [✓] 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

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

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	BTEX Method 8026	TPH GRO Method 8015	Lab Sample # / Comments
21027-TripBlank	W	G	1/27/21	LAB				2	X		92518941 011

Lab Profile/Line:

Lab Sample Receipt Checklist:

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

LAB USE ONLY:

Customer Remarks / Special Conditions / Possible Hazards:

W = Water

G = Grab

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: Bubble bags

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

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

Lab Tracking #: 2538641

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y (N) NA

Therm ID#: 92706H

Cooler 1 Temp Upon Receipt: 3.6 oC

Cooler 1 Therm Corr. Factor: -.1 oC

Cooler 1 Corrected Temp: 3.5 oC

Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Cole Cates	1-27-21 1415	IO Pace MV	1/27/21 1415
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip Blank Received: (Y) N NA

(HCL) MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: _____ of: _____

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

February 17, 2021

Alex Testoff
Montrose Environmental Group, Inc.
400 Northridge Rd.
Suite 400
Atlanta, GA 30350

RE: Project: Colonial Northstone/070PP-7853
Pace Project No.: 92521992

Dear Alex Testoff:

Enclosed are the analytical results for sample(s) received by the laboratory on February 12, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Charlotte

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

Sincerely,

Nicole Gasiorowski

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: Colonial Northstone/070PP-7853
Pace Project No.: 92521992

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: Colonial Northstone/070PP-7853
Pace Project No.: 92521992

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92521992001	**21043-SW-1**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92521992002	**21043-SW-2**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92521992003	**21043-SW-3**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92521992004	**21043-SW-4**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92521992005	**21043-SW-5**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92521992006	**21043-SW-6**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92521992007	**21043-SW-7**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92521992008	**21043-SW-CONFLUENCE**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92521992009	**21043-SW-SEEP**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92521992010	**21043-SW-DUP**	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	CL	9	PASI-C
92521992011	**21043-TRIP BLANK**	EPA 8260D	CL	9	PASI-C

PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Colonial Northstone/070PP-7853
Pace Project No.: 92521992

Sample: 21043-SW-1 **Lab ID: 92521992001** Collected: 02/12/21 09:35 Received: 02/12/21 12:25 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		02/16/21 16:16		
Surrogates								
4-Bromofluorobenzene (S)	79	%	70-130	1		02/16/21 16:16	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		02/13/21 00:47	71-43-2	M1
Ethylbenzene	ND	ug/L	1.0	1		02/13/21 00:47	100-41-4	M1
Toluene	ND	ug/L	1.0	1		02/13/21 00:47	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		02/13/21 00:47	1330-20-7	MS
m&p-Xylene	ND	ug/L	2.0	1		02/13/21 00:47	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/13/21 00:47	95-47-6	M1
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		02/13/21 00:47	460-00-4	
1,2-Dichloroethane-d4 (S)	78	%	70-130	1		02/13/21 00:47	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		02/13/21 00:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Colonial Northstone/070PP-7853
Pace Project No.: 92521992

Sample: 21043-SW-2 **Lab ID: 92521992002** Collected: 02/12/21 09:55 Received: 02/12/21 12:25 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		02/16/21 17:13		
Surrogates								
4-Bromofluorobenzene (S)	80	%	70-130	1		02/16/21 17:13	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		02/13/21 01:05	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		02/13/21 01:05	100-41-4	
Toluene	ND	ug/L	1.0	1		02/13/21 01:05	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		02/13/21 01:05	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/13/21 01:05	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/13/21 01:05	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		02/13/21 01:05	460-00-4	
1,2-Dichloroethane-d4 (S)	82	%	70-130	1		02/13/21 01:05	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		02/13/21 01:05	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Colonial Northstone/070PP-7853
Pace Project No.: 92521992

Sample: 21043-SW-3 **Lab ID: 92521992003** Collected: 02/12/21 10:05 Received: 02/12/21 12:25 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		02/16/21 17:41		
Surrogates								
4-Bromofluorobenzene (S)	77	%	70-130	1		02/16/21 17:41	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		02/13/21 01:23	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		02/13/21 01:23	100-41-4	
Toluene	ND	ug/L	1.0	1		02/13/21 01:23	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		02/13/21 01:23	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/13/21 01:23	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/13/21 01:23	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		02/13/21 01:23	460-00-4	
1,2-Dichloroethane-d4 (S)	82	%	70-130	1		02/13/21 01:23	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		02/13/21 01:23	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Colonial Northstone/070PP-7853
Pace Project No.: 92521992

Sample: 21043-SW-4 **Lab ID: 92521992004** Collected: 02/12/21 10:15 Received: 02/12/21 12:25 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		02/16/21 18:09		
Surrogates								
4-Bromofluorobenzene (S)	78	%	70-130	1		02/16/21 18:09	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		02/13/21 01:41	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		02/13/21 01:41	100-41-4	
Toluene	ND	ug/L	1.0	1		02/13/21 01:41	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		02/13/21 01:41	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/13/21 01:41	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/13/21 01:41	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		02/13/21 01:41	460-00-4	
1,2-Dichloroethane-d4 (S)	80	%	70-130	1		02/13/21 01:41	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		02/13/21 01:41	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Colonial Northstone/070PP-7853
Pace Project No.: 92521992

Sample: 21043-SW-5 **Lab ID: 92521992005** Collected: 02/12/21 10:55 Received: 02/12/21 12:25 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		02/16/21 18:37		
Surrogates								
4-Bromofluorobenzene (S)	80	%	70-130	1		02/16/21 18:37	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		02/13/21 01:58	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		02/13/21 01:58	100-41-4	
Toluene	ND	ug/L	1.0	1		02/13/21 01:58	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		02/13/21 01:58	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/13/21 01:58	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/13/21 01:58	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		02/13/21 01:58	460-00-4	
1,2-Dichloroethane-d4 (S)	81	%	70-130	1		02/13/21 01:58	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		02/13/21 01:58	2037-26-5	

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ANALYTICAL RESULTS

Project: Colonial Northstone/070PP-7853
Pace Project No.: 92521992

Sample: 21043-SW-6 **Lab ID: 92521992006** Collected: 02/12/21 11:05 Received: 02/12/21 12:25 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		02/16/21 19:05		
Surrogates								
4-Bromofluorobenzene (S)	81	%	70-130	1		02/16/21 19:05	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		02/13/21 02:16	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		02/13/21 02:16	100-41-4	
Toluene	ND	ug/L	1.0	1		02/13/21 02:16	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		02/13/21 02:16	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/13/21 02:16	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/13/21 02:16	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		02/13/21 02:16	460-00-4	
1,2-Dichloroethane-d4 (S)	80	%	70-130	1		02/13/21 02:16	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		02/13/21 02:16	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Colonial Northstone/070PP-7853
Pace Project No.: 92521992

Sample: 21043-SW-7 **Lab ID: 92521992007** Collected: 02/12/21 11:20 Received: 02/12/21 12:25 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		02/16/21 19:33		
Surrogates								
4-Bromofluorobenzene (S)	80	%	70-130	1		02/16/21 19:33	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		02/13/21 02:34	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		02/13/21 02:34	100-41-4	
Toluene	ND	ug/L	1.0	1		02/13/21 02:34	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		02/13/21 02:34	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/13/21 02:34	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/13/21 02:34	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		02/13/21 02:34	460-00-4	
1,2-Dichloroethane-d4 (S)	81	%	70-130	1		02/13/21 02:34	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		02/13/21 02:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Colonial Northstone/070PP-7853
Pace Project No.: 92521992

Sample: 21043-SW-CONFLUENCE **Lab ID: 92521992008** Collected: 02/12/21 09:00 Received: 02/12/21 12:25 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		02/16/21 20:02		
Surrogates								
4-Bromofluorobenzene (S)	80	%	70-130	1		02/16/21 20:02	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		02/13/21 02:52	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		02/13/21 02:52	100-41-4	
Toluene	ND	ug/L	1.0	1		02/13/21 02:52	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		02/13/21 02:52	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/13/21 02:52	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/13/21 02:52	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	97	%	70-130	1		02/13/21 02:52	460-00-4	
1,2-Dichloroethane-d4 (S)	80	%	70-130	1		02/13/21 02:52	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		02/13/21 02:52	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Colonial Northstone/070PP-7853
Pace Project No.: 92521992

Sample: 21043-SW-SEEP **Lab ID: 92521992009** Collected: 02/12/21 09:05 Received: 02/12/21 12:25 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		02/16/21 20:30		
Surrogates								
4-Bromofluorobenzene (S)	77	%	70-130	1		02/16/21 20:30	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		02/13/21 03:09	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		02/13/21 03:09	100-41-4	
Toluene	ND	ug/L	1.0	1		02/13/21 03:09	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		02/13/21 03:09	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/13/21 03:09	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/13/21 03:09	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		02/13/21 03:09	460-00-4	
1,2-Dichloroethane-d4 (S)	78	%	70-130	1		02/13/21 03:09	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		02/13/21 03:09	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Colonial Northstone/070PP-7853
Pace Project No.: 92521992

Sample: 21043-SW-DUP **Lab ID: 92521992010** Collected: 02/12/21 12:00 Received: 02/12/21 12:25 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		02/16/21 20:58		
Surrogates								
4-Bromofluorobenzene (S)	76	%	70-130	1		02/16/21 20:58	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		02/13/21 03:27	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		02/13/21 03:27	100-41-4	
Toluene	ND	ug/L	1.0	1		02/13/21 03:27	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		02/13/21 03:27	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/13/21 03:27	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/13/21 03:27	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		02/13/21 03:27	460-00-4	
1,2-Dichloroethane-d4 (S)	80	%	70-130	1		02/13/21 03:27	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		02/13/21 03:27	2037-26-5	

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ANALYTICAL RESULTS

Project: Colonial Northstone/070PP-7853
Pace Project No.: 92521992

Sample: 21043-TRIP BLANK **Lab ID: 92521992011** Collected: 02/12/21 00:00 Received: 02/12/21 12:25 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		02/13/21 00:30	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		02/13/21 00:30	100-41-4	
Toluene	ND	ug/L	1.0	1		02/13/21 00:30	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		02/13/21 00:30	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/13/21 00:30	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/13/21 00:30	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		02/13/21 00:30	460-00-4	
1,2-Dichloroethane-d4 (S)	80	%	70-130	1		02/13/21 00:30	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		02/13/21 00:30	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: Colonial Northstone/070PP-7853
Pace Project No.: 92521992

QC Batch: 600366 | 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: 92521992001, 92521992002, 92521992003, 92521992004, 92521992005, 92521992006, 92521992007, 92521992008, 92521992009, 92521992010

METHOD BLANK: 3164725 Matrix: Water
Associated Lab Samples: 92521992001, 92521992002, 92521992003, 92521992004, 92521992005, 92521992006, 92521992007, 92521992008, 92521992009, 92521992010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	0.080	02/16/21 15:20	
4-Bromofluorobenzene (S)	%	79	70-130	02/16/21 15:20	

LABORATORY CONTROL SAMPLE: 3164726

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)	%			79	70-130	

MATRIX SPIKE SAMPLE: 3164728

Parameter	Units	92521992002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	1	0.95	94	68-145	
4-Bromofluorobenzene (S)	%				82	70-130	

SAMPLE DUPLICATE: 3164727

Parameter	Units	92521992001 Result	Dup Result	RPD	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	.019J		
4-Bromofluorobenzene (S)	%	79	80		

Results presented on this page are in 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: Colonial Northstone/070PP-7853
Pace Project No.: 92521992

QC Batch: 599785
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260D MSV Low Level
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92521992001, 92521992002, 92521992003, 92521992004, 92521992005, 92521992006, 92521992007, 92521992008, 92521992009, 92521992010, 92521992011

METHOD BLANK: 3162021 Matrix: Water
Associated Lab Samples: 92521992001, 92521992002, 92521992003, 92521992004, 92521992005, 92521992006, 92521992007, 92521992008, 92521992009, 92521992010, 92521992011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	02/12/21 23:37	
Ethylbenzene	ug/L	ND	1.0	02/12/21 23:37	
m&p-Xylene	ug/L	ND	2.0	02/12/21 23:37	
o-Xylene	ug/L	ND	1.0	02/12/21 23:37	
Toluene	ug/L	ND	1.0	02/12/21 23:37	
Xylene (Total)	ug/L	ND	1.0	02/12/21 23:37	
1,2-Dichloroethane-d4 (S)	%	79	70-130	02/12/21 23:37	
4-Bromofluorobenzene (S)	%	101	70-130	02/12/21 23:37	
Toluene-d8 (S)	%	99	70-130	02/12/21 23:37	

LABORATORY CONTROL SAMPLE: 3162022

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	50.4	101	70-130	
Ethylbenzene	ug/L	50	54.3	109	70-130	
m&p-Xylene	ug/L	100	108	108	70-130	
o-Xylene	ug/L	50	53.6	107	70-130	
Toluene	ug/L	50	49.9	100	70-130	
Xylene (Total)	ug/L	150	161	107	70-130	
1,2-Dichloroethane-d4 (S)	%			80	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3162023 3162024

Parameter	Units	92521992001 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	15.1	12.8	75	64	67-150	16	M1
Ethylbenzene	ug/L	ND	20	20	15.0	13.3	75	66	68-143	12	M1
m&p-Xylene	ug/L	ND	40	40	31.1	27.2	78	68	53-157	14	
o-Xylene	ug/L	ND	20	20	15.1	12.6	75	63	68-143	18	M1
Toluene	ug/L	ND	20	20	15.6	13.4	78	67	47-157	16	
Xylene (Total)	ug/L	ND	60	60	46.2	39.8	77	66	66-145	15	MS
1,2-Dichloroethane-d4 (S)	%						111	110	70-130		
4-Bromofluorobenzene (S)	%						100	101	70-130		
Toluene-d8 (S)	%						102	100	70-130		

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: Colonial Northstone/070PP-7853
Pace Project No.: 92521992

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
MS	Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Colonial Northstone/070PP-7853
Pace Project No.: 92521992

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92521992001	**21043-SW-1**	EPA 5030B/8015C Mod.	600366		
92521992002	**21043-SW-2**	EPA 5030B/8015C Mod.	600366		
92521992003	**21043-SW-3**	EPA 5030B/8015C Mod.	600366		
92521992004	**21043-SW-4**	EPA 5030B/8015C Mod.	600366		
92521992005	**21043-SW-5**	EPA 5030B/8015C Mod.	600366		
92521992006	**21043-SW-6**	EPA 5030B/8015C Mod.	600366		
92521992007	**21043-SW-7**	EPA 5030B/8015C Mod.	600366		
92521992008	**21043-SW-CONFLUENCE**	EPA 5030B/8015C Mod.	600366		
92521992009	**21043-SW-SEEP**	EPA 5030B/8015C Mod.	600366		
92521992010	**21043-SW-DUP**	EPA 5030B/8015C Mod.	600366		
92521992001	**21043-SW-1**	EPA 8260D	599785		
92521992002	**21043-SW-2**	EPA 8260D	599785		
92521992003	**21043-SW-3**	EPA 8260D	599785		
92521992004	**21043-SW-4**	EPA 8260D	599785		
92521992005	**21043-SW-5**	EPA 8260D	599785		
92521992006	**21043-SW-6**	EPA 8260D	599785		
92521992007	**21043-SW-7**	EPA 8260D	599785		
92521992008	**21043-SW-CONFLUENCE**	EPA 8260D	599785		
92521992009	**21043-SW-SEEP**	EPA 8260D	599785		
92521992010	**21043-SW-DUP**	EPA 8260D	599785		
92521992011	**21043-TRIP BLANK**	EPA 8260D	599785		

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE **WO# : 92521992** umber or

92521992

Contain.

** 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 _____

Company: Montrose - EPS	Billing Information: 400 Northridge Rd, Suite 900 Sandy Springs, GA 30350
Address:	
Report To: email to clee@montrose-env.com	Email To: pahillman@montrose-env.com ctcates@montrose-env.com
Copy To: atestoff@montrose-env.com	Site Collection Info/Address:
Customer Project Name/Number: Colonial Northstone/070PP-785322	State: NC County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [✓] ET
Phone: Email: 404-315-9113	Site/Facility ID #:
Collected By (print): Peyton Hillman	Purchase Order #: Quote #:
Collected By (signature): Peyton Hillman	Turnaround Date Required:
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [✓] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: DW Location Code:

Immediately Packed on Ice: [✓] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

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

Analyses: BTEX Method 8026; TPH GRO Method 8015

Lab Profile/Line:

Lab Sample Receipt Checklist:

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

LAB USE ONLY:
Lab Sample # / Comments:

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	BTEX	TPH	Lab Sample # / Comments
											92521992
21043-SW-1	SW	G	2/12/21	9:35				6	X	X	001
21043-SW-2	SW	G	2/12/21	9:55				6	X	X	002
21043-SW-3	SW	G	2/12/21	10:05				6	X	X	003
21043-SW-4	SW	G	2/12/21	10:15				6	X	X	004
21043-SW-5	SW	G	2/12/21	10:55				6	X	X	005
21043-SW-6	SW	G	2/12/21	11:05				6	X	X	006
21043-SW-7	SW	G	2/12/21	11:20				6	X	X	007
21043-SW-Confluence	SW	G	2/12/21	9:00				6	X	X	008
21043-SW-Seep	SW	G	2/12/21	9:05				6	X	X	009
21043-SW-DUP	SW	G	2/12/21	12:00				6	X	X	010

Customer Remarks / Special Conditions / Possible Hazards:
SW = Surface Water
G = grab

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: Bubble Bags

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

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

Lab Tracking #: 2538643

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 92706418
Cooler 1 Temp Upon Receipt: 2.7 oC
Cooler 1 Therm Corr. Factor: +0.1 oC
Cooler 1 Corrected Temp: 2.8 oC
Comments:

Relinquished by/Company: (Signature) Peyton Hillman / EPS	Date/Time: 2/12/21	Received by/Company: (Signature) HD PACE HVL	Date/Time: 2/12/21 1225
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: (Y) N NA
(HCL) MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

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

WO# : 92521992

PM: NMG Due Date: 02/19/21

CLIENT: 92-MontEnvGr

Company: Montrose - EPS

Billing Information: 400 Northridge Rd. Suite 400 Sandy Springs, GA 30350

Address:

Report To: email to clee@montrose-env.com

Email To: pahillman@montrose-env.com ctcates@montrose-env.com

Copy To: atestoff@montrose-env.com

Site Collection Info/Address:

Customer Project Name/Number: Colonial Northstone/07OPP-785322

State: NC / County/City: Huntersville Time Zone Collected: [ ] PT [ ] MT [ ] CT [✓] ET

Phone: 404-315-9113 Email:

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): Peyton Hillman

Purchase Order #: Quote #:

DW PWS ID #: DW Location Code:

Collected By (signature):

Turnaround Date Required:

Immediately Packed on Ice: [✓] Yes [ ] No

Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____

Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [✓] 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

** 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 _____

* 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	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	BTEX Method 8026	TPH GRO Method 8015	Lab Sample # / Comments
21043-TripBlank	W	G	2/12/21	LAB				2	X		92521992 OL

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

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

LAB USE ONLY:

Customer Remarks / Special Conditions / Possible Hazards:

W = Water
G = grab

Type of Ice Used: Wet Blue Dry None

Packing Material Used: Bubble Bags

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

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

Lab Tracking #: 2538758

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#: 92064

Cooler 1 Temp Upon Receipt: 2.1 oC

Cooler 1 Therm Corr. Factor: .0 oC

Cooler 1 Corrected Temp: 2.1 oC

Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Pete Klein / EPS	2/12/21	HD PACE HVL	2/12/21 1725
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip 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 # 92521992

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																6													
2																6													
3																6													
4																6													
5																6													
6																6													
7																6													
8																6													
9																5													
10																6													
11																2													
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.

APPENDIX B

BORING LOGS

BORING NUMBER HCW-01

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 1/9/2021 **COMPLETED** 1/10/2021
GROUND ELEVATION 741.9 ft **TOP OF CASING** 742.48 ft
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT Versa Sonic
DRILLER Tyler Smith
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
▽ **DURING DRILLING** 47.00 ft / Elev 694.90 ft
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10						4-in. Sch 40 PVC casing
20						grout
30						1/4-in. bentonite pellets, Pel-Plug
40						
50				▽		silica sand 8-30, Southern Products 4-in. Sch 40 PVC 0.010 slotted screen
60						

CPC_HUNTERSVILLE_BH_MW - GINT STD US LAB.GDT - 2/10/21 19:04 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\CPC_HUNTERSVILLE.GPJ

BORING NUMBER HCW-02

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 1/11/2021 **COMPLETED** 1/12/2021
GROUND ELEVATION 742.69 ft **TOP OF CASING** 744.96 ft
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT
DRILLER Tyler Smith
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
▽ **DURING DRILLING** 47.00 ft / Elev 695.69 ft
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10						4-in. Sch 40 PVC casing
20						grout
30						1/4-in. bentonite pellets, Pel-Plug silica sand 8-30, Southern Products
40						
50				▽		4-in. Sch 40 PVC 0.010 slotted screen
60						

BORING NUMBER HCW-03

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 1/12/2021 **COMPLETED** 1/12/2021
GROUND ELEVATION 743.38 ft **TOP OF CASING** 745.48 ft
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT
DRILLER Mark Michaad
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
▽ **DURING DRILLING** 48.50 ft / Elev 694.88 ft
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10						4-in. Sch 40 PVC casing
20						grout
30						1/4-in. bentonite pellets, Pel-Plug silica sand 8-30, Southern Products
40						
50				▽		
60						4-in. Sch 40 PVC 0.010 slotted screen
70						

BORING NUMBER HCW-04

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 1/13/2021 **COMPLETED** 1/13/2021
GROUND ELEVATION 744.08 ft **TOP OF CASING** 746 ft
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT
DRILLER Mark Michaad
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
▽ **DURING DRILLING** 48.50 ft / Elev 695.58 ft
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10						4-in. Sch 40 PVC casing
20						grout
30						1/4-in. bentonite pellets, Pel-Plug
40						silica sand 8-30, Southern Products
50				▽		
60						4-in. Sch 40 PVC 0.010 slotted screen
70						

BORING NUMBER HCW-05

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 1/13/2021 **COMPLETED** 1/14/2021
GROUND ELEVATION 743.81 ft **TOP OF CASING** 743.82 ft
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT
DRILLER Mark Michaad
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
▽ **DURING DRILLING** 50.00 ft / Elev 693.81 ft
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10						4-in. Sch 40 PVC casing
20						grout
30						1/4-in. bentonite pellets, Pel-Plug
40						silica sand 8-30, Southern Products
50				▽		
60						4-in. Sch 40 PVC 0.010 slotted screen
70						

BORING NUMBER HCW-06

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 1/14/2021 **COMPLETED** 1/14/2021
GROUND ELEVATION 743.77 ft **TOP OF CASING** 743.70 ft
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT
DRILLER Mark Michaad
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
DURING DRILLING ---
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10						4-in. Sch 40 PVC casing
20						grout
30						
40						1/4-in. bentonite pellets, Pel-Plug silica sand 8-30, Southern Products
50				▼		
60						4-in. Sch 40 PVC 0.010 slotted screen
70						

BORING NUMBER HCW-07

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 1/15/2021 **COMPLETED** 1/15/2021
GROUND ELEVATION 743 ft **TOP OF CASING** 742.86 ft
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT
DRILLER Mark Michaad
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
▽ **DURING DRILLING** 50.00 ft / Elev 693.00 ft
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10						4-in. Sch 40 PVC casing
20						grout
30						1/4-in. bentonite pellets, Pel-Plug
40						silica sand 8-30, Southern Products
50				▽		
60						4-in. Sch 40 PVC 0.010 slotted screen
70						

BORING NUMBER HCW-08

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 1/15/2021 **COMPLETED** 1/15/2021
GROUND ELEVATION 742.82 ft **TOP OF CASING** 742.96 ft
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT
DRILLER Mark Michaad
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
▽ **DURING DRILLING** 49.00 ft / Elev 693.82 ft
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10						4-in. Sch 40 PVC casing
20						grout
30						
40						1/4-in. bentonite pellets, Pel-Plug silica sand 8-30, Southern Products
50				▽		
60						4-in. Sch 40 PVC 0.010 slotted screen
70						

BORING NUMBER HCW-09

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 1/16/2021 **COMPLETED** 1/16/2021
GROUND ELEVATION 742.46 ft **TOP OF CASING** 744.49 ft
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT
DRILLER Mark Michaad
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
▽ **DURING DRILLING** 51.00 ft / Elev 691.46 ft
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10						4-in. Sch 40 PVC casing
20						grout
30						1/4-in. bentonite pellets, Pel-Plug silica sand 8-30, Southern Products
40						
50				▽		
60						4-in. Sch 40 PVC 0.010 slotted screen
70						

BORING NUMBER HCW-10

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 1/16/2021 **COMPLETED** 1/17/2021
GROUND ELEVATION 741.66 ft **TOP OF CASING** 743.90 ft
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT
DRILLER Mark Michaad
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
▽ **DURING DRILLING** 53.00 ft / Elev 688.66 ft Product at 44'
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10						4-in. Sch 40 PVC casing
20						grout
30						1/4-in. bentonite pellets, Pel-Plug silica sand 8-30, Southern Products
40						
50				▽		4-in. Sch 40 PVC 0.010 slotted screen
60						

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BORING NUMBER HCW-11

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 1/18/2021 **COMPLETED** 1/18/2021
GROUND ELEVATION 741.15 ft **TOP OF CASING** 741.26 ft
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT
DRILLER Mark Michaad
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
▽ **DURING DRILLING** 53.00 ft / Elev 688.15 ft Product at 44'
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10						4-in. Sch 40 PVC casing
20						grout
30						1/4-in. bentonite pellets, Pel-Plug silica sand 8-30, Southern Products
40						
50				▽		4-in. Sch 40 PVC 0.010 slotted screen
60						

BORING NUMBER HCW-12

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 1/19/2021 **COMPLETED** 1/19/2021
GROUND ELEVATION 740.56 ft **TOP OF CASING** 740.75 ft
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT
DRILLER Mark Michaad
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
DURING DRILLING ---
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10						4-in. Sch 40 PVC casing
20						grout
30						1/4-in. bentonite pellets, Pel-Plug silica sand 8-30, Southern Products
40						
50						4-in. Sch 40 PVC 0.010 slotted screen

BORING NUMBER HCW-13

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 1/17/2021 **COMPLETED** 1/18/2021
GROUND ELEVATION 739.69 ft **TOP OF CASING** 741.53 ft
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT
DRILLER Mark Michaad
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
DURING DRILLING ---
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10						4-in. Sch 40 PVC casing
20						grout
30						1/4-in. bentonite pellets, Pel-Plug
40						silica sand 8-30, Southern Products
50						4-in. Sch 40 PVC 0.010 slotted screen

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BORING NUMBER HCW-14

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 1/19/2021 **COMPLETED** 1/20/2021
GROUND ELEVATION 738.48 ft **TOP OF CASING** 738.67 ft
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT
DRILLER Mark Michaad
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
DURING DRILLING ---
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10						4-in. Sch 40 PVC casing grout
20						1/4-in. bentonite pellets, Pel-Plug silica sand 8-30, Southern Products
30						
40						4-in. Sch 40 PVC 0.010 slotted screen

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BORING NUMBER HCW-15

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 1/20/2021 **COMPLETED** 1/20/2021
GROUND ELEVATION _____ **TOP OF CASING** _____
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT _____
DRILLER Mark Michaad
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
DURING DRILLING --- Product at 38'
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10						4-in. Sch 40 PVC casing grout
20						1/4-in. bentonite pellets, Pel-Plug silica sand 8-30, Southern Products
30						
40						4-in. Sch 40 PVC 0.010 slotted screen

BORING NUMBER HCW-16

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 1/21/2021 **COMPLETED** 1/21/2021
GROUND ELEVATION _____ **TOP OF CASING** _____
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT _____
DRILLER Mark Michaad
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
DURING DRILLING --- Product at 38'
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
5						4-in. Sch 40 PVC casing
10						grout
15						
20						
25						1/4-in. bentonite pellets, Pel-Plug silica sand 8-30, Southern Products
30						
35						4-in. Sch 40 PVC 0.010 slotted screen
40						

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BORING NUMBER HCW-17

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 1/21/2021 **COMPLETED** 1/21/2021
GROUND ELEVATION _____ **TOP OF CASING** _____
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT _____
DRILLER Mark Michaad
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
DURING DRILLING ---
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
5						4-in. Sch 40 PVC casing
10						grout
15						
20						1/4-in. bentonite pellets, Pel-Plug
25						silica sand 8-30, Southern Products
30						4-in. Sch 40 PVC 0.010 slotted screen
35						

CPC_HUNTERSVILLE_BH_MW - GINT STD US LAB.GDT - 2/10/21 19:04 - P:\SHARE\GINT\BENTLEY\GINT\PROJECTS\CPC_HUNTERSVILLE.GPJ

BORING NUMBER HCW-18

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 1/22/2021 **COMPLETED** 1/22/2021
GROUND ELEVATION _____ **TOP OF CASING** _____
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT _____
DRILLER Mark Michaad
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
DURING DRILLING ---
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
5						4-in. Sch 40 PVC casing
						grout
10						
15						1/4-in. bentonite pellets, Pel-Plug
						silica sand 8-30, Southern Products
20						
25						4-in. Sch 40 PVC 0.010 slotted screen
30						

BORING NUMBER HCW-19

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 1/22/2021 **COMPLETED** 1/22/2021
GROUND ELEVATION _____ **TOP OF CASING** _____
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT _____
DRILLER Mark Michaad
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
DURING DRILLING ---
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
5						4-in. Sch 40 PVC casing
10						grout
15						1/4-in. bentonite pellets, Pel-Plug
20						silica sand 8-30, Southern Products
25						
30						4-in. Sch 40 PVC 0.010 slotted screen
35						
40						

BORING NUMBER HCW-20

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 1/23/2021 **COMPLETED** 1/23/2021
GROUND ELEVATION _____ **TOP OF CASING** _____
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT _____
DRILLER Mark Michaad
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
DURING DRILLING ---
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10						4-in. Sch 40 PVC casing grout
20						1/4-in. bentonite pellets, Pel-Plug silica sand 8-30, Southern Products
30						
40						4-in. Sch 40 PVC 0.010 slotted screen

BORING NUMBER HCW-21

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 1/7/2021 **COMPLETED** 1/9/2021
GROUND ELEVATION 729.46 ft **TOP OF CASING** 730.02 ft
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT
DRILLER Mark Michaad
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
▽ **DURING DRILLING** 34.00 ft / Elev 695.46 ft
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10						4-in. Sch 40 PVC casing grout
20						1/4-in. bentonite pellets, Pel-Plug silica sand 8-30, Southern Products
30				▽		
40						4-in. Sch 40 PVC 0.010 slotted screen

BORING NUMBER HCW-22

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 1/6/2021 **COMPLETED** 1/6/2021
GROUND ELEVATION 728.17 ft **TOP OF CASING** 731.67 ft
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT
DRILLER Mark Michaad
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
▽ **DURING DRILLING** 35.00 ft / Elev 693.17 ft
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10						4-in. Sch 40 PVC casing
20						grout
30				▽		1/4-in. bentonite pellets, Pel-Plug silica sand 8-30, Southern Products
40						4-in. Sch 40 PVC 0.010 slotted screen
50						

BORING NUMBER NHCW-01

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 2/2/2021 **COMPLETED** 2/2/2021
GROUND ELEVATION _____ **TOP OF CASING** _____
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT _____
DRILLER Mark Michaad
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
DURING DRILLING ---
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10						4-in. Sch 40 PVC casing grout
20						1/4-in. bentonite pellets, Pel-Plug silica sand 8-30, Southern Products
30						
40						4-in. Sch 40 PVC 0.010 slotted screen

BORING NUMBER NHCW-02

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 2/3/2021 **COMPLETED** 2/3/2021
GROUND ELEVATION _____ **TOP OF CASING** _____
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT _____
DRILLER Mark Michaad
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
DURING DRILLING ---
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10						4-in. Sch 40 PVC casing grout
20						1/4-in. bentonite pellets, Pel-Plug silica sand 8-30, Southern Products
30						
40						4-in. Sch 40 PVC 0.010 slotted screen
50						

BORING NUMBER NHCW-03

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 2/3/2021 **COMPLETED** 2/3/2021
GROUND ELEVATION _____ **TOP OF CASING** _____
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT _____
DRILLER Mark Michaad
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
DURING DRILLING ---
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10						4-in. Sch 40 PVC casing grout 1/4-in. bentonite pellets, Pel-Plug silica sand 8-30, Southern Products
20						
30						4-in. Sch 40 PVC 0.010 slotted screen
40						

BORING NUMBER NHCW-04

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 2/4/2021 **COMPLETED** 2/4/2021
GROUND ELEVATION _____ **TOP OF CASING** _____
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT _____
DRILLER Mark Michaad
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
DURING DRILLING ---
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10						4-in. Sch 40 PVC casing grout
20						1/4-in. bentonite pellets, Pel-Plug silica sand 8-30, Southern Products
30						
40						4-in. Sch 40 PVC 0.010 slotted screen
50						

BORING NUMBER NHCW-05

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 2/4/2021 **COMPLETED** 2/4/2021
GROUND ELEVATION _____ **TOP OF CASING** _____
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT _____
DRILLER Mark Michaad
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
DURING DRILLING ---
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10						4-in. Sch 40 PVC casing grout
20						1/4-in. bentonite pellets, Pel-Plug silica sand 8-30, Southern Products
30						
40						4-in. Sch 40 PVC 0.010 slotted screen
50						

BORING NUMBER NHCW-06

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 2/4/2021 **COMPLETED** 2/4/2021
GROUND ELEVATION _____ **TOP OF CASING** _____
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT _____
DRILLER Mark Michaad
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
DURING DRILLING ---
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10						4-in. Sch 40 PVC casing grout
20						1/4-in. bentonite pellets, Pel-Plug silica sand 8-30, Southern Products
30						
40						4-in. Sch 40 PVC 0.010 slotted screen
50						

BORING NUMBER NHCW-07

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 2/5/2021 **COMPLETED** 2/5/2021
GROUND ELEVATION _____ **TOP OF CASING** _____
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT _____
DRILLER Mark Michaad
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
DURING DRILLING ---
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10						4-in. Sch 40 PVC casing grout 1/4-in. bentonite pellets, Pel-Plug silica sand 8-30, Southern Products
20						
30						4-in. Sch 40 PVC 0.010 slotted screen
40						

BORING NUMBER NHCW-08

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 2/5/2021 **COMPLETED** 2/5/2021
GROUND ELEVATION _____ **TOP OF CASING** _____
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT _____
DRILLER Mark Michaad
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
DURING DRILLING ---
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10						4-in. Sch 40 PVC casing grout 1/4-in. bentonite pellets, Pel-Plug silica sand 8-30, Southern Products
20						
30						4-in. Sch 40 PVC 0.010 slotted screen
40						

BORING NUMBER NHCW-09

Apex Companies

CLIENT Colonial Pipeline
PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC20126
PROJECT LOCATION Huntersville, NC
DATE/TIME STARTED 2/6/2021 **COMPLETED** 2/6/2021
GROUND ELEVATION _____ **TOP OF CASING** _____
DRILLING CONTRACTOR Walker-Hill Environmental
EQUIPMENT _____
DRILLER Mark Michaad
GROUND WATER LEVELS AND TIME:
LOGGED BY Chris Trelles **BOREHOLE DIAMETER** 10 in.
DURING DRILLING ---
METHOD Sonic
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
5						4-in. Sch 40 PVC casing grout
10						1/4-in. bentonite pellets, Pel-Plug
15						silica sand 8-30, Southern Products
20						
25						
30						4-in. Sch 40 PVC 0.010 slotted screen
35						
40						

APPENDIX C

GROUNDWATER SAMPLING LOGS

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC
WELL NO: MW-1	DATE: 2/9/21

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 0.25"	WELL SCREEN INTERVAL DEPTH: feet to feet	DEPTH TO WATER (feet): 26.19	PUMP TYPE OR BAILER: Monsoon XL
PUMP DEPTH IN WELL (feet): 30'	PURGING INITIATED AT: 1130	PURGING ENDED AT: 1210		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	–	–
1135	0.5	0.1	26.22	15.2	8.66	122.0	6.24	209.7	232.9	light brown	none
1140	1.0	|	26.28	15.3	8.71	122.2	6.24	209.8	193.6	light brown	none
1145	1.5	|	26.31	15.5	8.76	122.4	6.23	210.0	128.4	clear	none
1150	2.0	|	26.34	15.5	8.74	122.6	6.18	213.8	121.0	"	"
1155	2.5	|		15.5	8.72	122.9	6.21	211.9	59.83	clear	none
1200	3.0	|		15.4	8.76	123.3	6.21	209.8	52.84	clear	none
1205	3.5	|		15.6	8.82	122.8	6.19	207.2	54.23	clear	none
1210	4.0	|		15.6	8.83	123.8	6.19	205.3	55.27	clear	none

MdK 2/9/21

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mike de Kozlowski	SAMPLER(S) SIGNATURE(S): Mike de Kozlowski	SAMPLING INITIATED AT: 1220	SAMPLING ENDED AT: 1230
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)					
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-1	4	AG	40 mL	HCL	40 mL x 4	6.19	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: 15' screen

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
WELL NO: MW-2	DATE: 02/08/21

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 21.8 feet to 36.8 feet	DEPTH TO WATER (feet): 28.32	PUMP TYPE OR BAILER: Monsoon XL
PUMP DEPTH IN WELL (feet): 35'	PURGING INITIATED AT: 1000	PURGING ENDED AT: 1050	TOTAL VOLUME PURGED (gallons): 11.0 Liters = 2.91 gal	

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1000	0.0	0.065	28.56	15.3	7.50	113.5	6.53	161.1	124.8	light brown	none
1005	0.325	↓	28.64	14.6	7.74	112.2	6.41	164.3	112.4	"	"
1010	0.65		28.65	14.7	7.64	112.4	6.40	157.8	82.68	"	"
1015	0.98		28.65	14.9	7.51	112.8	6.40	155.7	67.46	"	"
1020	1.3		28.65	15.3	7.27	111.5	6.38	151.2	65.48	clear	"
1025	1.63		28.65	15.5	7.22	111.0	6.40	150.6	48.18	"	"
1030	1.95		28.65	15.3	7.14	110.5	6.39	157.0	79.26	"	"
1035	2.28		28.65	15.4	6.96	110.1	6.36	157.9	84.94	"	"
1040	2.6		28.65	15.4	7.08	110.2	6.34	159.8	86.72	"	"
1045	2.91	↓	28.65	15.5	7.01	109.7	6.34	160.7	85.24	"	"

MdK 2/8/21

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mike de Kozlowski / AECOM	SAMPLER(S) SIGNATURE(S): MdK	SAMPLING INITIATED AT: 1050	SAMPLING ENDED AT: 1100
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)					
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-2	4	AG	40 mL	HCL	40 mL x 4	6.34	6200	ESP	0.065
MW-2	3	AG	40 mL	HCL	40 mL x 3	6.34	VPH	ESP	↓
MW-2	1	PE	250 mL	HNO_3	250 mL	6.34	Lead by 6010	ESP	↓

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
WELL NO: MW-03	DATE: 2/8/2021

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: feet to feet	DEPTH TO WATER (feet): 18.55	PUMP TYPE OR BAILER: Monsoon pump
PUMP DEPTH IN WELL (feet): 25	PURGING INITIATED AT: 1450	PURGING ENDED AT: 1555		TOTAL VOLUME PURGED (gallons): 5

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1450	0.0	0.~~08~~	18.55	15.0	5.83	117.0	5.66	126.9	242.3	lt.brn	none
1455	0.4	0.08	19.52	15.4	4.79	117.8	5.77	119.9	203.8	lt.brn	none
1500	0.8	"	19.67	15.6	4.51	117.8	5.76	123.1	108.4	lt.brn	none
1505	1.2	"	19.77	15.6	4.30	116.5	5.73	127.6	65.43	clear	none
1510	1.6	"	19.89	15.6	4.19	116.5	5.70	131.4	48.04	clear	none
1515	2	"	19.93	15.6	4.26	116.9	5.68	134.1	41.04	clear	none
1520	2.4	"	19.86	15.6	4.30	117.6	5.68	134.7	28.67	clear	none
1525	2.8	"	19.88	15.7	4.24	118.7	5.66	134.9	24.72	clear	none
1530	3.2	"	19.95	15.6	4.41	118.6	5.66	132.8	20.89	clear	none
1535	3.6	"	19.93	15.5	4.29	118.3	5.65	132.3	10.61	clear	none
1540	4.0	"	20.05	15.5	4.41	118.4	5.63	131.7	8.49	clear	none
1545	4.4	"	20.05	15.5	4.15	118.1	5.63	130.4	6.13	clear	none
1550	4.8	"	19.95	15.5	4.40	118.6	5.62	130.3	6.14	clear	none
1555	5	"	19.95	15.6	4.43	118.8	5.62	131.3	6.24	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 L. Love	SAMPLING INITIATED AT: 1555	SAMPLING ENDED AT: 1600
PUMP OR TUBING DEPTH IN WELL (feet): 25	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
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-03	4	AG	40 mL	HCL	40 mL x 4	5.62	6200	ESP	0.08
"	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)

TD: 30.05

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC
WELL NO: MW-4	DATE: 02/08/21

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 0.25"	WELL SCREEN INTERVAL DEPTH: 13 feet to 43 feet	DEPTH TO WATER (feet): 29.67	PUMP TYPE OR BAILER: Monsoon XL
PUMP DEPTH IN WELL (feet): 40'	PURGING INITIATED AT: 1140	PURGING ENDED AT: 1250	TOTAL VOLUME PURGED (gallons): 6.5 gal	

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1140	0.0	0.1	30.10	14.8	10.07	83.3	6.04	237.9	914.4	light brown	none
1150	0.5	"	30.15	15.6	9.66	82.9	5.97	242.4	363.6	"	"
1155	1.0	"	30.16	15.7	9.77	83.8	6.14	230.9	238.9	"	"
1200	1.5	"	30.13	15.6	9.70	84.0	6.14	232.7	178.1	"	"
1205	2.0	"	30.07	15.4	9.75	84.3	6.12	239.7	154.0	"	"
1210	2.5	"	30.07	15.6	9.64	84.6	6.10	240.3	146.7	clear	"
1215	3.0	"	30.10	15.7	9.48	85.1	6.12	238.7	123.4	"	"
1220	3.5	"	30.10	15.7	9.51	85.7	6.15	234.3	115.2	"	"
1225	4.0	"	30.10	16.0	9.42	86.0	6.18	231.0	105.1	"	"
1230	4.5	"	30.12	16.4	9.29	86.5	6.23	226.6	78.64	"	"
1235	5.0	"	30.13	16.4	9.29	86.5	6.25	225.5	32.89	"	"
1240	5.5	"	30.13	16.3	9.25	86.6	6.19	227.7	29.24	"	"
1245	6.0	"	30.13	16.2	9.29	87.6	6.20	226.9	30.23	"	"
1250	~~5.0~~ 6.5	"	30.13	16.3	9.27	86.8	6.18	227.7	29.83	"	"

MK 2/8/21

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mike de Kozlowski	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1300	SAMPLING ENDED AT: 1310
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-4	4	AG	40 mL	HCL	40 mL x 4	6.18	6200	ESP	0.1
MW-4	3	AG	40 mL	HCL	40 mL x 3		VPH	ESP	
MW-4	1	PE	250 mL	HNO_3	250 mL		Lead by 6010	ESP	

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
WELL NO: MW-5	DATE: 2/9/21

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 0.25"	WELL SCREEN INTERVAL DEPTH: feet to feet	DEPTH TO WATER (feet): 24.40	PUMP TYPE OR BAILER: Monsoon XL
PUMP DEPTH IN WELL (feet): 32'	PURGING INITIATED AT: 1400	PURGING ENDED AT: 1500		TOTAL VOLUME PURGED (gallons): 6.0

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1405	0.5	0.1	24.63	16.3	9.62	82.3	6.04	230.6	451.7	light brown	none
1410	1.0		24.98	16.4	9.49	81.0	6.01	227.2	423.8	light brown	none
1415	1.5		24.92	16.5	9.47	83.5	6.01	230.2	384.5	light brown	none
1420	2.0		24.87	16.5	9.46	83.4	6.01	230.8	321.4	light brown	none
1425	2.5		24.83	16.5	9.36	84.6	6.00	230.7	249.0	light brown	none
1430	3.0		24.80	16.3	9.02	88.1	6.04	226.6	83.63	clear	none
1435	3.5		24.95	16.5	8.88	87.8	6.03	226.0	46.84	clear	none
1440	4.0		24.98	16.5	8.96	88.6	6.03	221.5	40.55	clear	none
1445	4.5		25.06	16.3	8.75	90.6	6.04	221.2	27.49	clear	none
1450	5.0		25.05	16.2	8.57	90.4	6.03	222.3	26.32	clear	none
1455	5.5		25.01	16.2	8.53	90.2	6.01	225.6	27.21	clear	none
1500	6.0		24.98	16.2	8.52	90.3	6.02	229.5	26.33	clear	none

MdK 2/9/21

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mike de Kozlowski	SAMPLER(S) SIGNATURE(S): Mike de Kozlowski	SAMPLING INITIATED AT: 1505	SAMPLING ENDED AT: 1515
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)					
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-5	4	AG	40 mL	HCL	40 mL x 4	6.02	6200	ESP	0.1
MW-5	3	AG	40 mL	HCL	40 mL x 3		VPH		
MW-5	1	PE	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS: 30' screen

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
WELL NO: MW-6	DATE: 2/8/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	DEPTH TO WATER (feet): 21.8	PUMP TYPE OR BAILER: Monsoon
PUMP DEPTH IN WELL (feet): 41	PURGING INITIATED AT: 1250	PURGING ENDED AT: 1410	TOTAL VOLUME PURGED (gallons): 8.0	

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1255	0.5	.1	21.95	14.0	7.78	95.5	5.78	121.8	>1000	L. brown	none
1300	1.0	.1	21.95	14.6	7.07	95.9	5.93	114.1	>1000	L brown	none
1305	1.5	.1	22.05	15.3	9.73	95.0	6.11	54.4	786.3	L brown	none
1310	2.0	.1	21.96	15.3	9.42	99.9	5.95	53.9	>1000	L. brown	none
1315	2.5	.1	22.05	15.0	9.61	94.7	5.98	49.1	>1000	L. brown	none
1320	3.0	.1	22.05	15.5	9.31	94.9	6.03	42.1	922.3	L brown	none
1325	3.5	.1	22.05	15.9	6.41	94.7	5.99	39.5	491.8	L brown	none
1330	4.0	.1	22.05	15.3	6.41	94.8	6.03	35.4	512.9	L brown	none
1335	4.5	.1	22.05	15.5	7.09	94.8	6.00	111.5	434.8	L brown	none
1340	5.0	.1	22.05	15.5	6.95	94.7	5.98	113.0	353.9	L. brown	none
1345	5.5	.1	22.05	15.4	6.34	95.3	5.99	112.8	256.3	L brown	none
1350	6.0	.1	22.05	15.5	6.33	95.0	5.95	115.9	197.8	L brown	none
1355	6.5	.1	22.05	15.3	6.32	95.1	5.98	114.8	144.1	L. brown	none
1400	7.0	.1	22.05	15.2	5.69	96.1	6.01	114.3	122.6	L. brown	none
1405	7.5	.1	22.05	15.4	6.36	95.7	5.98	115.8	100.6	~~L brown~~ Slightly cloudy	none
1410	8.0	.1	22.05	15.3	6.30	96.2	5.98	116.0	98.2	~~L brown~~ Slightly cloudy	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: Ben Wekeks / ATCom	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1415	SAMPLING ENDED AT: 1425
PUMP OR TUBING DEPTH IN WELL (feet): 41	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)					
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-6	4	AG	40 mL	HCL	40 mL x 4	5.98	6200	O; Monsoon	.1
1	3	AG	40 mL	HCL	40 mL x 3	5.96	VPH	1	1
	1	PE	250 mL	HNO_3	250 mL	5.98	Lead by 6010	1	1

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-11-2448 Incident | SITE LOCATION: Huntersville, NC

WELL NO: MW-7 | DATE: 2/1/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 23 feet to 38 feet	DEPTH TO WATER (feet): 29.59	PUMP TYPE OR BAILER: Monsoon
PUMP DEPTH IN WELL (feet): 35	PURGING INITIATED AT: 1145	PURGING ENDED AT: 1150	TOTAL VOLUME PURGED (gallons): 15	

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	–	–
1150	1.25	.25	31.1	15.41	7.14	176.5	5.96	124.0	>1000	Brown	none
1155	2.50	.25	31.68	15.5	7.03	176.3	5.96	126.7	>1000	Brown	none
1200	3.75	.25	32.15	15.5	7.08	175.4	5.95	128.7	811.3	L Brown	none
1205	5.00	.25	32.49	15.5	7.09	175.8	5.94	128.9	567.4	Lt Brown	none
1210	6.25	.25	32.65	15.5	7.04	175.8	5.95	129.5	320.3	L Brown	none
1220	7.50	.25	32.61	15.5	7.03	175.6	5.94	130.5	287.8	Cloudy	none
1125	8.75	.25	32.01	15.6	6.94	177.6	5.92	130.2	982.1	Cloudy	none
1130	10.00	.25	31.72	15.6	6.95	174.9	5.86	133.1	990.7	Cloudy	None
1135	11.25	.25	31.55	15.7	6.99	173.4	5.91	133.4	297.1	Slight Cloudy	none
1140	12.50	.25	31.50	15.7	6.99	173.9	5.93	135.4	149.2	Slightly Cloudy	none
1145	13.75	.25	31.45	15.7	6.98	172.1	5.92	139.8	103.6	Clear	none
1150	15.00	.25	31.45	15.7	6.97	172.5	5.92	136.1	60.22	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: Ben Defebbo/ATC | SAMPLER(S) SIGNATURE(S): | SAMPLING INITIATED AT: 1300 | SAMPLING ENDED AT: 1310

PUMP OR TUBING DEPTH IN WELL (feet): 35 | TUBING MATERIAL CODE: LDPE | FIELD-FILTERED: Y (N) Filtration Equipment Type: – | FILTER SIZE: – µm

EQUIP. 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)
	4	AG	40 mL	HCL	40 mL x 4	5.92	6200	O: Monsoon	.25
	3	AG	40 mL	HCL	40 mL x 3		VPH		
	1	PE	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS: Stand down for lightning, purge a lot more than 4 gal (3 well volumes) with sample when permitted to continue

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
WELL NO: MW-07D	DATE: 2/9/21

PURGING DATA

WELL DIAMETER (inches): 4"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: feet to feet	DEPTH TO WATER (feet): 29.81	PUMP TYPE OR BAILER: MONSOON PUMP
PUMP DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):	

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1345	—	—	29.75	15.6	7.09	273.9	6.62	-67.5	621.3	CLEAR	NONE
1355	1.0	0.1	31.73	15.8	5.77	273.5	6.29	-75.0	16.7	CLEAR	NONE
1405	2.0	0.1	32.48	15.7	5.72	272.1	6.31	-77.3	4.67	CLEAR	NONE
1415	3.0	0.1		15.8	5.70	274.4	6.30	-78.4	2.11	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:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1415	SAMPLING ENDED AT: 1420
COLEMAN MARCHIN AS SELF			

PUMP OR TUBING DEPTH IN WELL (feet): ~84 ft	TUBING MATERIAL CODE: PP	FIELD-FILTERED: Y (N) FILTER SIZE: — µm Filtration Equipment Type: —
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N) (replaced)	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
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)
	4	AG	40 mL	HCL	40 mL x 4		6200		
	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
WELL NO: MW-8 1035	DATE: 2/12/21

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: 15 feet to 45 feet	DEPTH TO WATER (feet): 30.79	PUMP TYPE OR BAILER: ESP
PUMP DEPTH IN WELL (feet):	PURGING INITIATED AT: 0932	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):	

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0935	0	—	30.79	14.8	6.51	115.7	6.81	270.7	319.1	Clear	None
0940	1.2		30.82	15.4	6.36	114.5	6.63	253.4	241.0	Clear	None
0945	2.0		30.83	15.6	6.34	114.1	6.54	250.5	183.7	Clear	None
0950	2.4		30.83	15.4	6.33	113.8	6.59	245.2	110.8	Clear	None
0955	3.0		30.84	15.1	6.26	112.2	6.67	250.1	72.4	Clear	None
1000	3.5		30.84	16.0	6.64	113.5	6.43	247.5	31.2	Clear	None
1005	3.9		30.85	15.9	6.69	113.5	6.47	245.2	14.1	Clear	None
1010	4.3		30.85	15.9	6.67	114.1	6.35	254.6	9.33	Clear	None
1015	4.9		30.86	15.7	6.62	114.2	6.34	253.3	9.02	Clear	None
1020	5.4		30.87	15.8	6.59	114.3	6.33	252.8	8.76	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: Tim DicKey	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1035	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
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)
	4	AG	40 mL	HCL	40 mL x 4		6200		
	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
WELL NO: MW-9	DATE: 2/9/21

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 22 feet to 37.5 feet	DEPTH TO WATER (feet): 29.56	PUMP TYPE OR BAILER: Masoon
PUMP DEPTH IN WELL (feet): 33	PURGING INITIATED AT: 0900	PURGING ENDED AT: 0945	TOTAL VOLUME PURGED (gallons): 4	

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	.5	.1	28.56	15.5	11.21	140.3	6.16	135.2	56.56	clear	none
	1.0	.1	28.72	15.1	10.98	1.41.2	6.28	116.7	44.23	clear	none
0915	1.5	.1	28.89	14.9	8.88	126.5	6.31	106.2	38.91	clear	none
0920	2.0	.1	29.08	14.0	9.8%	0					
0925	2.5	.1									
0930	3.0	.1									
0935	3.0	.1	31.02	15.5	6.21	139.3	6.24	107.4	13.30	clear	none
0940	3.5	.1	31.02	19.3	5.95	138.2	6.19	108.3	6.84	clear	none
0945	4.0	.1	31.03	19.2	5.89	137.6	6.23	109.6	6.28	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: Ben Wetselhe	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0940	SAMPLING ENDED AT: 1300
PUMP OR TUBING DEPTH IN WELL (feet): 33	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)					
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-9	4	AG	40 mL	HCL	40 mL x 4	6.23	6200	O; Masoon	.1
1	3	AG	40 mL	HCL	40 mL x 3	1	VPH	1	1
	1	PE	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS: From 0920 to 0930 Flow controller/pump brake; diagnostics and repair

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
WELL NO: MW-12	DATE: 2/8/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to 41.5 feet	DEPTH TO WATER (feet): 32.75	PUMP TYPE OR BAILER: Monsoon
PUMP DEPTH IN WELL (feet): 40	PURGING INITIATED AT: 1105	PURGING ENDED AT: 1155	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	--	--
1110	0.5	.1	33.48	14.41	5.85	180.8	6.37	101.2	90.40	slightly cloudy	none
1115	1.0	.1	33.55	15.0	6.25	181.3	6.33	90.2	86.63	slightly cloudy	none
1120	1.5	.1	33.63	15.3	5.94	181.7	6.35	76.2	70.84	slightly cloudy	none
1125	2.0	.1	33.71	15.9	5.78	184.2	6.34	65.6	43.25	clear	none
1130	2.5	.1	33.69	15.41	5.57	184.6	6.30	64.0	31.82	clear	none
1135	3.0	.1	33.62	14.4	5.53	184.3	6.21	65.4	26.76	clear	none
1140	3.5	.1	33.62	14.8	6.00	182.4	6.10	71.4	20.92	clear	none
1145	4.0	.1	33.65	15.9	5.90	183.6	6.25	69.3	18.86	clear	none
1150	4.5	.1	33.65	16.0	6.08	183.0	6.26	69.2	10.08	clear	none
1155	5.0	.1	33.65	15.8	5.92	183.7	6.27	64.3	7.00	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: Ben Weiserbs/Atco	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1155 1205	SAMPLING ENDED AT: 1210
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-12	4	AG	40 mL	HCL	40 mL x 4	6.27	6200	O; Monsoon	.1
/	3	AG	40 mL	HCL	40 mL x 3	/	VPH	/	/
/	1	PE	250 mL	HNO_3	250 mL	/	Lead by 6010	/	/

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC
WELL NO: MW-13	DATE: 02/12/2021 AO

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 15 feet to 60 feet	DEPTH TO WATER (feet): 39.60	PUMP TYPE OR BAILER: Monsoon
PUMP DEPTH IN WELL (feet): 47	PURGING INITIATED AT: 1420	PURGING ENDED AT: 1440	TOTAL VOLUME PURGED (gallons): 2.0	

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1420	0.00	0.1	40.07	14.5	6.80	218.0	5.93	146.6	75.81	Clear	None
1425	0.5	↓	40.10	14.5	7.07	221.8	5.90	142.4	77.59	↓	↓
1430	1.0	↓	40.31	15.3	1.97	222.2	5.85	139.0	76.66	↓	↓
1435	1.5	↓	40.39	15.0	2.01	221.7	5.84	137.1	73.32	↓	↓
1440	2.0	↓	40.55	15.1	1.99	220.5	5.84	137.4	74.12	↓	↓

AO

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Andrew Omalza / AECOM	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1445	SAMPLING ENDED AT: 1500
PUMP OR TUBING DEPTH IN WELL (feet): 47	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 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-13	4	AG	40 mL	HCL	40 mL x 4	5.84	6200	ESP	0.1
↓	3	AG	40 mL	HCL	40 mL x 3	↓	VPH	↓	↓
↓	1	PE	250 mL	HNO_3	250 mL	↓	Lead by 6010	↓	↓

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **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
WELL NO: MW-14 0830	DATE: 2/12/21

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: 11 feet to 41 feet	DEPTH TO WATER (feet): 30.49	PUMP TYPE OR BAILER: Monsoon
PUMP DEPTH IN WELL (feet): 39	PURGING INITIATED AT:	PURGING ENDED AT:		TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0745	0	—	30.49	15.6	6.52	127.8	6.44	314.1	110.0		
0750	1.1		30.52	15.7	6.53	128.2	6.33	272.6	81.11		
0755	1.8		30.58	15.8	6.32	127.2	6.29	257.8	48.43		
0800	2.4		30.59	15.9	6.31	126.9	6.21	259.3	26.22		
0805	3.2		30.60	15.2	6.30	125.1	6.12	260.9	18.45		
0810	3.6		30.60	15.7	6.10	125.6	6.16	257.1	17.20		
0815	4.0		30.61	15.6	6.11	126.0	6.26	253.8	12.24		
0820	4.5		30.61	16.0	6.06	125.6	6.25	254.4	9.08		
0825	4.9		30.63	16.2	6.05	125.8	6.26	254.0	8.55		

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	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0830	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet): 39	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type: –	FILTER SIZE: — µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	4	AG	40 mL	HCL	40 mL x 4		6200	ESP	
	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
WELL NO: MW-15	DATE: 2/8/20

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 24 feet to 39 feet	DEPTH TO WATER (feet): 34.60	PUMP TYPE OR BAILER: Monsoon
PUMP DEPTH IN WELL (feet): 38	PURGING INITIATED AT: 0925	PURGING ENDED AT: 1030	TOTAL VOLUME PURGED (gallons): 6.0	

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0930	.16	.026	34.81	15.8	6.74	123.9	6.18	115.3	572.3	L. Brown	None
0935	.30	.026	35.62	14.6	6.28	156.3	6.19	115.8	119.6	Cloudy	none
0940	.45	.026	35.65	15.0	6.34	158.5	6.14	119.1	71.6	cloudy no color	none
0945	.60	.026	35.25	11.8	11.08	159.6	6.04	130.8	78.2	cloudy no color	none
0950	.75	.026	35.25	12.8	10.37	157.4	6.02	131.8	49.92	clear	none
0955	3.0	.10	35.25	14.5	9.53	157.5	6.07	127.9	35.28	clear	none
1000	3.5	.10	35.25	14.9	6.81	158.6	6.17	123.3	22.36	clear	none
1005	4.0	.10	35.25	14.1	7.56	156.1	5.96	137.5	26.06	clear	none
1010	4.5	.10	35.25	15.1	6.89	157.3	6.15	128.7	18.30	clear	none
1015	5.0	.10	35.25	15.1	7.13	156.4	6.06	135.6	15.80	clear	none
1025	5.5	.10	35.25	15.1	7.07	155.0	5.90	137.2	9.54	clear	none
1030	6.0	.10	35.25	14.9	7.06	156.2	6.00	132.3	3.6	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88**

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Ben Jacobs / Atcom	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1035	SAMPLING ENDED AT: 1040
PUMP OR TUBING DEPTH IN WELL (feet): 38	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-15	4	AG	40 mL	HCL	40 mL x 4	6.00	6200	O: Monsoon	.026
|	3	AG	40 mL	HCL	40 mL x 3	6.00	VPH	|	|
|	1	PE	250 mL	HNO_3	250 mL	6.00	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
WELL NO: MW-16	DATE: 2/10/21

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 16 feet to 50 feet	DEPTH TO WATER (feet): 33.1	PUMP TYPE OR BAILER: mo.soon
PUMP DEPTH IN WELL (feet): 38	PURGING INITIATED AT: 1435	PURGING ENDED AT: 1530	TOTAL VOLUME PURGED (gallons): 9.15	

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	--	--
1440	.83	.166	35.58	17.3	13.37	102.4	6.13	59.5	18.31	clear	none
1445	~~1.66~~	.166	35.31	17.7	10.15	102.0	6.14	48.2	12.94	clear	none
1450	2.5 1.67	.166	35.39	17.6	~~10.9~~ 10.30	101.9	6.13	46.9	15.11	clear	none
1455	3.33	.166	35.78	17.5	9.17	102.3	6.15	40.6	10.52	clear	none
1500	4.16	.166	35.98	17.5	10.71	102.1	6.13	38.4	9.46	clear	none
1505	5.000	.166	35.95	17.5	10.17	101.7	6.10	121.8	6.54	clear	none
1510	5.83	.166	35.99	17.0	10.26	102.4	6.11	114.1	5.45	clear	none
1515	6.66	.166	35.99	17.3	~~10.82~~	101.2	6.09	115.6	3.02	clear	none
1520	7.49	.166	35.99	17.9	9.10	102.7	6.19	108.3	1.13	clear	none
1525	8.33	.166	35.99	17.5	9.12	102.9	6.16	109.7	0.66	clear	none
1530	9.15	.166	35.99	17.5	9.13	102.8	6.15	108.5	0	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: Ben Weiselb	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1530	SAMPLING ENDED AT: 1630
PUMP OR TUBING DEPTH IN WELL (feet): 38	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	6.15	6200	O/mono	.166
1	3	AG	40 mL	HCL	40 mL x 3	1	VPH	1	1
1	1	PE	250 mL	HNO_3	250 mL	1	Lead by 6010	1	1

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC
WELL NO: MW-17	DATE: 7/10/20

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 10 feet to 5 feet	DEPTH TO WATER (feet): 35.61	PUMP TYPE OR BAILER: Monsoon
PUMP DEPTH IN WELL (feet): 40	PURGING INITIATED AT: 1330	PURGING ENDED AT: 1410	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	–	–
1335	0.5	.1	36.50	18.2	27.60	61.7	5.87	107.7	8.69	clear	none
1340	1.0		36.60	17.8	21.97	61.7	5.78	108.3	20.33	clear	none
1345	1.5		36.72	18.1	18.96	61.8	5.72	109.7	38.23	clear	none
1350	2.0		37.05	18.7	18.30	61.4	5.69	109.8	30.19	clear	none
1355	2.5		37.40	18.8	17.07	61.2	5.66	110.2	53.40	clear	none
1400	3.0		37.51	18.8	15.96	61.4	5.66	109.0	50.34	clear	none
1405	3.5		38.24	18.9	14.61	61.9	5.66	107.2	54.17	clear	none
1410	4.0		38.46	18.8	14.62	61.5	5.64	108.3	53.21	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: Ben Webster/Arcadis	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1415	SAMPLING ENDED AT: 1425
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-17	4	AG	40 mL	HCL	40 mL x 4	5.64	6200	O: Monsoon	
MW-17	3	AG	40 mL	HCL	40 mL x 3	1	VPH	1	
MW-17	1	PE	250 mL	HNO_3	250 mL	1	Lead by 6010	1	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC
WELL NO: MW-19	DATE: 2/10/21

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 16 feet to 36 feet	DEPTH TO WATER (feet): 31.13	PUMP TYPE OR BAILER: P
PUMP DEPTH IN WELL (feet): 34	PURGING INITIATED AT: 1500	PURGING ENDED AT: 1530	TOTAL VOLUME PURGED (gallons): 4	

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	--	--
1500	1300	0	0.13	31.89	17.4	8.44	224.6	6.95	97.3	385.4	LBr/Red	
1505	1305	0.67	|	31.94	17.1	8.53	223.5	7.06	83.3	375.1	|	
1510	1310	1.33	|	32.01	17.3	8.37	222.7	7.16	67.2	376.2	|	
1515	1315	2	|	32.19	17.3	8.49	221.9	7.19	71.3	351.9	|	
1520	1320	2.66	|	32.21	17.5	6.16	211.4	7.24	51.3	177.3	LBr	
1525	1325	3.33	|	32.26	17.4	6.17	212.8	7.25	52.2	169.1	|	
1530	1330	4	↓	32.27	17.3	6.17	213.4	7.25	52.5	174.1	|	

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: Jim Dimitroff/AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1535	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet): 34	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)					
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)
	4	AG	40 mL	HCL	40 mL x 4	7.25	6200		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
WELL NO: MW-20	DATE: 02/10/2021

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 33 feet to 48 feet	DEPTH TO WATER (feet): 42.85	PUMP TYPE OR BAILER: Masoneilan
PUMP DEPTH IN WELL (feet): 45	PURGING INITIATED AT: 0910	PURGING ENDED AT: 1010	TOTAL VOLUME PURGED (gallons): 4.8	

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0910	0.00	0.09	43.15	15.3	5.70	230.6	7.50	~~137.8~~	789.5	Cloudy	None
0915	0.4		43.10	16.1	4.70	190.2	6.27	117.1	604.2	"	"
0920	0.8		43.18	17.5	4.99	167.6	6.18	111.8	292.4	"	"
0925	1.2		43.24	17.9	4.72	186.7	6.13	105.4	153.2	Clear	None
0930	1.6		43.26	18.0	4.41	187.0	6.43	104.3	115.6	"	"
0935	2.0		43.28	18.0	4.52	186.6	6.24	102.9	81.90	"	"
0940	2.4		43.33	18.1	4.53	185.9	6.25	100.4	80.76	"	"
0945	2.8		43.35	18.0	4.76	184.1	6.25	100.1	50.08	"	"
0950	3.2		43.36	18.1	4.83	184.2	6.27	99.6	38.99	"	"
0955	3.6		43.42	18.3	4.86	184.8	6.28	98.0	44.03	"	"
1000	4.0		43.55	18.2	4.77	184.7	6.27	96.1	37.92	"	"
1005	4.4		43.60	18.2	4.84	184.4	6.25	95.9	38.77	"	"
1010	4.8		43.64	18.2	4.80	184.2	6.23	95.4	35.26	"	"

AO

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Andrew O'Malia / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1014	SAMPLING ENDED AT: 1025
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-20	4	AG	40 mL	HCL	40 mL x 4	6.23	6200	ESP	0.08
"	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
WELL NO: MW-21	DATE: 02/10/2021

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 15 feet to 50 feet	DEPTH TO WATER (feet): 30.91	PUMP TYPE OR BAILER: Mp1500
PUMP DEPTH IN WELL (feet): 41	PURGING INITIATED AT: 1250	PURGING ENDED AT: 1305	TOTAL VOLUME PURGED (gallons): 3.0	

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	--	--
1250	0.00	0.20	31.10	17.0	~~2.98~~	243.6	6.64	-35.7	67.87	Clear	Slight odor
1255	1.0	1	31.88	16.9	~~1.90~~	243.0	6.62	-50.0	60.96	1	1
1300	2.0	1	32.05	16.9	~~1.60~~	241.6	6.60	-53.9	63.17	1	1
1305	3.0	1	32.10	16.3	0.16	240.6	6.59	-55.5	65.30	1	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: Andrew Smith / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1310	SAMPLING ENDED AT: 1320
PUMP OR TUBING DEPTH IN WELL (feet): 41	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)					
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-21	4	AG	40 mL	HCL	40 mL x 4	6.59	6200	ESP	0.2
1	3	AG	40 mL	HCL	40 mL x 3	1	VPH	1	1
1	1	PE	250 mL	HNO_3	250 mL	1	Lead by 6010	1	1

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC
WELL NO: MW-23	DATE: 02/10/2021

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 15 feet to 45 feet	DEPTH TO WATER (feet): 29.85	PUMP TYPE OR BAILER: Monsoon
PUMP DEPTH IN WELL (feet): 36	PURGING INITIATED AT: 1425	PURGING ENDED AT: 1530	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	--	--
1425	0.00	0.15	30.50	16.8	6.35	126.1	6.40	129.1	736.9	Cloudy Brown	None
1430	0.75	↓	30.54	16.1	7.31	125.4	6.05	117.5	71,100	↓	↓
1435	1.5		30.68	16.5	7.07	123.6	5.98	110.4	1,068		
1440	2.25		30.71	16.6	7.00	122.6	5.97	109.1	789.5		
1445	3.0		31.48	17.3	5.95	120.8	5.95	106.4	512.1		
1450	3.75		31.35	16.8	5.72	119.9	5.93	-310.7	327.4	↓	
1455	4.5		31.40	16.9	5.92	119.6	5.92	-320.0	233.1	Cloudy White	
1500 ~~1450/1460~~	5.25		31.19	17.1	5.82	115.5	5.88	-320.2	137.5	↓	
1505	6.0		31.20	16.9	5.87	114.9	5.87	-319.0	117.6	↓	
1510	7.75		31.19	17.0	5.52	115.9	5.88	-316.9	85.03	Clear	
1515	~~8.25~~		31.41	17.1	5.33	118.6	5.89	-313.2	68.54	↓	
1520	9.25		31.39	17.0	5.36	118.8	5.89	-313.4	38.88		
1525	10.0		31.43	17.0	5.34	119.6	5.89	-312.4	39.39		
1530	10.75	↓	31.40	16.9	5.60	119.8	5.90	-315.7	36.09	↓	↓

AE

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Andrew Smalla / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1525	SAMPLING ENDED AT: 1545
PUMP OR TUBING DEPTH IN WELL (feet): 36	TUBING MATERIAL CODE: LDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
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-23	4	AG	40 mL	HCL	40 mL x 4	5.90	6200	ESP	0.15
"	3	AG	40 mL	HCL	40 mL x 3	5.90	VPH	"	"
"	1	PE	250 mL	HNO_3	250 mL	5.90	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
WELL NO: MW-25	DATE: 02/09/2021

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 42 feet to 57 feet	DEPTH TO WATER (feet): 44.54	PUMP TYPE OR BAILER: Monsoon
PUMP DEPTH IN WELL (feet): 47	PURGING INITIATED AT: 1330	PURGING ENDED AT: 1440	TOTAL VOLUME PURGED (gallons): 14.0	

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	--	--
1330	0.00	0.2	44.76	16.1	5.28	229.2	6.19	145.3	626.2	Tan	None
1335	1.0		44.74	16.3	5.32	229.0	6.07	124.6	626.0		
1340	2.0		44.94	16.9	5.09	228.7	6.01	112.3	631.8		
1345	3.0		45.09	16.9	5.00	228.5	5.98	109.0	884.7		
1350	4.0		45.11	16.8	5.01	228.5	5.97	108.3	672.6		
1355	5.0		44.90	16.8	4.92	229.6	5.98	107.7	625.6		
1400	6.0		44.88	17.0	5.11	228.9	5.95	107.7	572.6		
1405	7.0		44.89	17.1	~~5.04~~ 4.91	228.9	5.92	104.9	221.3		
1410	8.0		44.91	17.1	4.92	229.2	5.97	100.0	199.8		
1415	9.0		44.91	17.0	4.94	229.2	5.98	101.1	117.3		
1420	10.0		44.92	16.9	4.93	229.1	5.98	103.5	128.9		
1425	11.0		44.92	16.9	4.84	229.1	5.95	100.9	50.62		
1430	12.0		44.93	16.9	4.89	228.7	5.96	101.1	34.36		
1435	13.0		44.92	17.0	4.93	228.5	5.97	101.9	30.92 (D)		
1440	14.0		44.92	16.9	4.88	228.1	5.95	103.9	~~25.97~~ 32.0		

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):	SAMPLING INITIATED AT: 1445	SAMPLING ENDED AT: 1455
PUMP OR TUBING DEPTH IN WELL (feet): 47	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-25	4	AG	40 mL	HCL	40 mL x 4	<2	6200	FSP	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

WELL NO: MW-25D

DATE: 2/11/21

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	DEPTH TO WATER (feet): 47.9	PUMP TYPE OR BAILER: Monsoon
PUMP DEPTH IN WELL (feet): 87 BP 87 FT	PURGING INITIATED AT: 0855	PURGING ENDED AT: 0945	TOTAL VOLUME PURGED (gallons): 5	

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0900	.5	.1	50.70	16.5	0.12	385.1	7.58	-167.0	15.50	clear	none
0905	1	.1	50.94	16.2	0.23	384.3	7.64	-165.2	14.45	clear	none
0910	1.5	.1	51.60	16.8	0.46	384.9	7.53	-189.7	10,54	clear	none
0915	2	.1	53.56	16.8	0.38	383.4	7.53	-192.3	9,10	clear	none
0920	2.5	.1	53.87	16.6	0.42	382.5	7.52	-183.7	12.63	clear	none
0925	3	.1	53.65	16.4	0.54	384.7	7.49	-178.2	14.24	clear	none
0930	3.5	.1	54.70	17.0	0.68	385.0	7.52	-164.8	16,22	clear	none
0935	4	.1	55.85	17.0	0.70	383.6	7.50	-155.8	14,12	clear	none
0940	4.5	.1	56.70	17.0	0.52	382.5	7.46	-148.9	18.53	clear	none
0945	5	.1	57.63	17.0	0.38	382.0	7.48	-139.7	19,12	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: Ben Weisberg AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0950	SAMPLING ENDED AT: 0955
PUMP OR TUBING DEPTH IN WELL (feet): 92 BP 87FT	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)					
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-25D	4	AG	40 mL	HCL	40 mL x 4	7.48	6200	O: Monsoon	.1
/	3	AG	40 mL	HCL	40 mL x 3	/	VPH	/	/
/	1	PE	250 mL	HNO_3	250 mL	/	Lead by 6010	/	/

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident

SITE LOCATION: Huntersville, NC

WELL NO: MW-27

DATE: 2/9/2021

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	DEPTH TO WATER (feet):	PUMP TYPE OR BAILER:
2	0.25	27 feet to 42 feet	34.10	monsoon pump

PUMP DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
40	1515	1625	15

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	–	–
1515	0	0	34.10	15.6	7.84	160.2	5.78	210.9	>1100	lt. brn	none
1520	1.07	0.214	34.59	16.2	7.33	165.2	5.70	205.1	898.5	lt. brn	none
1525	2.14	↓	34.75	16.2	7.21	164.9	5.72	201.9	530.4	lt. brn	none
1530	3.21		34.88	16.1	7.04	163.9	5.64	205.5	450.8	lt. brn	none
1535	4.28		34.97	16.0	7.00	163.2	5.62	205.8	309.9	lt. brn	none
1540	5.35		34.90	16.0	6.88	164.3	5.66	204.2	267.8	lt. brn	none
1545	6.42		34.95	16.1	6.76	163.9	5.70	201.6	148.6	clear	none
1550	7.49		35.03	16.0	6.78	162.6	5.69	202.3	104.7	clear	none
1555	8.56		35.07	16.0	6.70	162.8	5.68	202.9	55.41	clear	none
1600	9.63		35.13	16.0	6.78	162.8	5.70	201.6	34.82	clear	none
1605	10.7		35.17	15.9	6.71	162.5	5.70	200.7	17.12	clear	none
1610	11.77		35.22	15.9	6.72	162.6	5.71	199.8	10.36	clear	none
1615	12.84		35.25	15.9	6.70	162.7	5.72	199.0	4.03	clear	none
1620	13.91		35.29	15.9	6.64	162.9	5.74	199.6	4.22	clear	none
1625	15	↓	35.32	15.8	6.67	162.9	5.75	195.9	4.43	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:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Emily Love / AECOM	Emily R. Love	1625	1630

PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type: –	FILTER SIZE: –– µm
40	LDPE		

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-27	4	AG	40 mL	HCL	40 mL x 4	5.75	6200	ESP	0.214
↓	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)

TD: 45.02

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC
WELL NO: MW-28	DATE: 2/11/2021

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 25 feet to 40 feet	DEPTH TO WATER (feet): 28.85	PUMP TYPE OR BAILER: Masoneilan
PUMP DEPTH IN WELL (feet): 33	PURGING INITIATED AT: 0810	PURGING ENDED AT: 1010	TOTAL VOLUME PURGED (gallons): 19	

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	–	–
0850	0.00	0.25	29.20	17.2	6.39	180.6	6.64	176.5	71,100	Brown	None
0855	1.25		29.43	17.2	4.66	147.2	6.03	163.8	1,097		
0900	2.50		29.32	17.1	4.35	152.6	5.80	155.4	71,100		
0905	3.75		29.36	17.2	4.07	156.0	5.77	147.8	713.1		
0910	5.00		29.20	16.9	3.50	160.0	5.77	140.7	586.8		
0915	6.25		29.25	17.3	3.43	163.2	5.76	137.6	258.4		
0920	7.50		29.30	17.5	3.60	164.1	5.76	134.4	278.2		
0925	8.75		29.29	17.3	3.48	163.7	5.76	133.5	156.2	Cloudy Brown	
0930	10.00		29.30	17.4	3.39	167.4	5.76	131.4	106.4	Clear	
0935	11.25		29.26	17.6	3.48	164.5	5.76	131.5	90.50		
0940	12.50		29.34	17.5	3.71	166.4	5.75	131.7	74.13		
0945	13.75		29.43	17.6	3.59	169.0	5.76	131.1	58.26		
0950	15.00		39.50	17.6	3.40	171.9	5.77	129.7	35.91		
0955	16.25		39.54	17.6	3.64	171.2	5.77	129.5	32.91		
1000	17.50		39.53	17.4	3.55	171.1	5.77	129.3	9.81		
1005	18.75		39.49	17.5	3.33	173.7	5.78	128.4	9.38		
1010	20.00		39.40	17.1	3.30	173.4	5.78	128.1	8.97		

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 Gmelch / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1015	SAMPLING ENDED AT: 1025
PUMP OR TUBING DEPTH IN WELL (feet): 33	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-28	4	AG	40 mL	HCL	40 mL x 4	5.78	6200	ESP	0.25
"	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
WELL NO: MW-29	DATE: 2/9/26

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 23 feet to 53 feet	DEPTH TO WATER (feet): 29.93	PUMP TYPE OR BAILER: monsoon
PUMP DEPTH IN WELL (feet): 35	PURGING INITIATED AT: 1445	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons): 4	

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	--	--
1450	1	.2	30.33	15.4	6.56	142.5	5.97	95.5	0	clear	none
1455	2	.2	30.30	15.3	6.51	142.5	6.01	93.6	0	clear	none
1500	3	.2	30.25	15.2	6.49	142.8	6.03	92.4	0	clear	none
1505	4	.2	30.25	15.3	6.50	142.6	6.03	92.6	0	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: Ben Wedgeworth Arcadis	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1510	SAMPLING ENDED AT: 1520
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)					
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-29	4	AG	40 mL	HCL	40 mL x 4	6.03	6200	B; Monsoon	.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
WELL NO: MW-30	DATE: 2/9/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 28 feet to 38 feet	DEPTH TO WATER (feet): 28.71	PUMP TYPE OR BAILER: Monsoon
PUMP DEPTH IN WELL (feet): 33	PURGING INITIATED AT: ~~1105~~ 1135	PURGING ENDED AT: 1155	TOTAL VOLUME PURGED (gallons): 10	

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	--	--
1125	~0.5 BV	1	29.50	16.0	6.27	142.0	6.21	93.1	99.30	cloudy	none
1130	1.0-2.5	1	1.5 29.95	16.0	6.02	141.2	6.10	95.1	55.22	cloudy	none
1135	1.5-4	1	1.5 30.40	15.6	5.70	140.9	6.07	97.0	19.97	clear	none
1140	2.0-5.5	1	1.5 30.71	15.5	5.76	140.6	6.03	100.0	3.11	clear	none
1145	3.0-7	1	1.5 31.41	15.5	5.77	140.7	6.03	100.2	2.50	clear	none
1150	8.5		1.5 31.52	15.4	5.73	140.8	6.03	100.9	2.00	clear	none
1155	10		1.5 31.71	15.4	5.61	140.8	6.03	101.3	1.57	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: Ben Welsch Arcadis	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1200	SAMPLING ENDED AT: 1210
PUMP OR TUBING DEPTH IN WELL (feet): 33	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)					
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-30	4	AG	40 mL	HCL	40 mL x 4	6.03	6200	O; Monsoon	1.5
"	3	AG	40 mL	HCL	40 mL x 3	"	VPH	"	"
"	1	PE	250 mL	HNO_3	250 mL	"	Lead by 6010	"	"

REMARKS: NDP-1-20210209

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; **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
WELL NO: MW-31	DATE: 2/10/21

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 14 feet to 44 feet	DEPTH TO WATER (feet): 27.42	PUMP TYPE OR BAILER: Pump
PUMP DEPTH IN WELL (feet): 33	PURGING INITIATED AT: 1340	PURGING ENDED AT: 1400	TOTAL VOLUME PURGED (gallons): 3	

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1340	0	0.15	27.55	17.2	3.93	150.6	9.64	314.2	42.39	Cl	None
1345	0.75	"	27.71	18.9	8.05	161.2	10.94	225.2	35.04	L Br	"
1350	1.5	"	27.73	18.7	8.41	151.7	11.27	198.3	35.09	LBr	"
1355	2.25	"	27.73	18.6	9.13	151.3	11.30	191.0	37.75	L Br	"
1400	3	"	27.75	18.4	9.01	151.9	11.28	193.7	38.12	LBr	"

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: Jim Dimitroff / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1405	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet): 33	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)					
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)
	4	AG	40 mL	HCL	40 mL x 4	11.28	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
WELL NO: MW-32	DATE: 2/8/2021

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: feet to feet	DEPTH TO WATER (feet): 12.73	PUMP TYPE OR BAILER: Monsoon pump
PUMP DEPTH IN WELL (feet): 23	PURGING INITIATED AT: 1000	PURGING ENDED AT: 1115	TOTAL VOLUME PURGED (gallons): 10	

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	12.73	14.0	6.01	108.6	6.01	119.8	97.61	clear	none
1005	~~0.15~~	0.133	13.31	14.7	5.82	108.8	6.09	113.3	255.1	clear	none
1010	~~0.96~~ 1.3		13.20	13.8	5.69	107.5	6.11	115.1	289.9	clear	none
1015	~~1.35~~ 1.95		13.50	14.9	6.01	109.7	6.02	120.7	193.3	clear	none
1020	2.6		13.62	14.7	5.67	109.1	6.09	118.7	121.3	clear	none
1025	3.25		13.69	14.9	5.60	109.6	6.05	121.7	86.79	clear	none
1030	3.9		13.79	14.9	5.58	109.7	6.04	123.0	~~96~~ 88	clear	none
1035	4.55		13.87	14.9	5.67	109.8	6.05	123.2	27.22	clear	none
1040	5.2		13.89	15.0	5.32	109.8	6.03	124.9	18.44	clear	none
1045	5.85		13.90	15.0	5.31	110.1	6.01	125.9	13.14	clear	none
1050	6.5		13.78	15.1	5.01	109.8	6.00	127.2	9.10	clear	none
1055	7.15		13.75	15.0	5.23	109.5	6.00	127.6	6.12	clear	none
1100	7.8		13.84	15.2	5.27	110.2	6.01	127.3	5.41	clear	none
1105	8.45		13.95	15.2	5.28	109.8	6.02	127.5	5.79	clear	none
1110	9.1		13.99	15.2	5.21	109.9	6.00	128.9	5.52	clear	none
1115	10	↓	14.00	15.2	5.24	109.9	6.01	129.1	5.33	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	SAMPLING INITIATED AT: 1115	SAMPLING ENDED AT: 1120
PUMP OR TUBING DEPTH IN WELL (feet): 23	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)					
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-32	4	AG	40 mL	HCL	40 mL x 4	6.01	6200	ESP	0.133
↓	3	AG	40 mL	HCL	40 mL x 3	↓	VPH	↓	↓
↓	1	PE	250 mL	HNO_3	250 mL	↓	Lead by 6010	↓	↓

REMARKS: DUP-1 - 20210208

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)

TD = 28.21

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC
WELL NO: MW-33	DATE: 2/8/2021

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: feet to feet	DEPTH TO WATER (feet): 9.49	PUMP TYPE OR BAILER: Monsoon pump
PUMP DEPTH IN WELL (feet): 22	PURGING INITIATED AT: 1155	PURGING ENDED AT: 1255		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	--	--
1155	0	0	9.49	14.6	6.52	98.7	6.07	129.4	316.9	lt.brn	none
1200	0.5	0.1	10.06	14.4	6.72	98.5	6.16	119.8	462.8	lt.brn	none
1205	1		10.03	14.5	6.52	98.8	6.15	115.9	322.2	lt.brn	none
1210	1.5		9.92	14.2	6.57	98.0	6.16	114.6	203.0	lt.brn	none
1215	2		9.99	14.8	6.25	99.5	6.14	110.8	156.9	clear	none
1220	2.5		10.04	14.7	6.42	99.4	6.15	108.9	173.0	clear	none
1225	3		10.35	14.9	6.69	100.1	6.14	111.3	133.1	clear	none
1230	3.5		10.24	15.0	6.88	100.2	6.13	114.0	64.62	clear	none
1235	4		10.18	14.9	6.62	99.9	6.11	116.2	36.41	clear	none
1240	4.5		10.22	14.9	6.77	100.0	6.08	120.4	30.11	clear	none
1245	5		10.21	14.9	6.73	100.4	6.07	122.3	26.23	clear	none
1250	5.5		10.19	14.9	6.78	100.0	6.07	124.7	26.39	clear	none
1255	6		10.24	15.0	6.77	100.2	6.06	126.9	25.53	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	SAMPLING INITIATED AT: 1255	SAMPLING ENDED AT: 1300
PUMP OR TUBING DEPTH IN WELL (feet): 22	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)					
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-33	4	AG	40 mL	HCL	40 mL x 4	6.06	6200	ESP	0.1
"	3	AG	40 mL	HCL	40 mL x 3	"	VPH	"	"
"	1	PE	250 mL	HNO_3	250 mL	"	Lead by 6010	"	"

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

TD: 27.65

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC
WELL NO: MW-34	DATE: 2/8/2021

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 5 feet to 20 feet	DEPTH TO WATER (feet): 7.08	PUMP TYPE OR BAILER: Monsoon
PUMP DEPTH IN WELL (feet): 17	PURGING INITIATED AT: 1245	PURGING ENDED AT: 1320	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	--	--
1245	0.00	0.08	7.09	13.9	4.38	224.1	6.16	119.0	164.7	Cloudy	None
1250	0.4		7.79	13.7	4.08	223.1	6.11	114.5	153.5	Cloudy	
1255	0.8		7.96	14.0	4.11	220.3	6.05	112.5	106.6	Cloudy	
1300	1.2		7.96	14.1	4.02	218.9	6.08	112.2	54.43	Clear	
1305	1.6		7.98	14.2	3.98	215.9	6.06	112.5	52.54		
1310	2.0		7.94	14.3	3.96	214.8	6.06	111.5	34.59		
1315	2.4		7.93	14.3	3.88	213.1	6.04	111.9	35.12		
1320	2.8		7.91	14.2	3.85	210.7	6.05	111.9	35.34		

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'Malley / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1325	SAMPLING ENDED AT: 1340
PUMP OR TUBING DEPTH IN WELL (feet): 17	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-34	4	AG	40 mL	HCL	40 mL x 4	6.05	6200	ESP	0.08
1	3	AG	40 mL	HCL	40 mL x 3	1	VPH	1	1
1	1	PE	250 mL	HNO_3	250 mL	1	Lead by 6010	1	1

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC
WELL NO: MW-35	DATE: 2/8/2021

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 22 feet to 35 feet	DEPTH TO WATER (feet): 23.18	PUMP TYPE OR BAILER: Monsoon
PUMP DEPTH IN WELL (feet): 28	PURGING INITIATED AT: 1520	PURGING ENDED AT: 1545	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	--	--
1520	0.00	0.16	23.18	15.6	5.37	178.0	6.04	79.9	144.1	Cloudy	None
1525	0.80	"	23.98	15.8	5.22	176.6	6.02	84.4	84.96	clear	None
1530	1.6	"	23.93	15.6	5.25	175.5	6.00	90.6	49.19	"	"
1535	2.4	"	23.91	15.7	5.30	174.6	5.98	95.2	24.81	"	"
1540	3.2	"	23.91	15.7	5.33	174.1	5.98	97.6	22.93	"	"
1545	4.0	"	23.93	15.8	5.34	173.8	5.99	98.3	21.98	"	"

AO

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Andrew O'Mara / ASeam	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1550	SAMPLING ENDED AT: 1600
PUMP OR TUBING DEPTH IN WELL (feet): 28	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-35	4	AG	40 mL	HCL	40 mL x 4	5.99	6200	ESP	0.16
"	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
WELL NO: MW-36	DATE: 2/10/20

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 30 feet to 45 feet	DEPTH TO WATER (feet): 25.41	PUMP TYPE OR BAILER: Monsoon
PUMP DEPTH IN WELL (feet): 35	PURGING INITIATED AT: 1110	PURGING ENDED AT: 1150	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	--	--
1115	0.5	.1	~~15.9~~ 25.4	15.2	38.67	139.8	6.40	133.7	12.23	clear	none
1120	1.0	.1	25.30	16.0	26.60	135.0	6.37	136.4	10.64	clear	none
1125	1.5	.1	25.42	15.7	25.72	134.2	6.36	134.9	8.57	clear	none
1130	2.0	.1	25.55	15.5	23.34	133.9	6.33	134.1	6.14	clear	none
1135	2.5	.1	25.83	15.8	27.61	134.4	6.33	131.0	5.24	clear	none
1140	3.0	.1	26.04	15.4	25.51	134.3	6.30	128.7	2.27	clear	none
1145	3.5	.1	26.10	15.4	26.57	135.2	6.31	124.5	1.16	clear	none
1150	4.0	.1	26.12	15.4	26.83	136.7	6.31	121.2	0.00	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: Ben Welsebs ATC	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1155	SAMPLING ENDED AT:
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)					
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-36	4	AG	40 mL	HCL	40 mL x 4		6200	O: Monsoon	.1
1	3	AG	40 mL	HCL	40 mL x 3		VPH	1	.1
1	1	PE	250 mL	HNO_3	250 mL		Lead by 6010	1	.1

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; 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

WELL NO: MW-36D

DATE: 2 / 9 / 21

PURGING DATA

WELL DIAMETER (inches): 4"

TUBING DIAMETER (inches): 3/8"

WELL SCREEN INTERVAL DEPTH: feet to feet

DEPTH TO WATER (feet): 24.13

PUMP TYPE OR BAILER: ESP

PUMP DEPTH IN WELL (feet): 100'

PURGING INITIATED AT:

PURGING ENDED AT:

TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	–	–
1530	—	—	24.08	15.4	2.14	412.4	8.96	149.3	783.9	CLOUDY	NONE
1540	1.0	0.1	25.32	15.6	0.45	499.8	9.20	121.4	1100	CLOUDY	NONE
1550	1.0	0.1	26.76	15.8	0.19	440.6	9.03	71.4	1100	CLOUDY	NONE
1600	1.0	0.1		15.7	0.18	436.7	9.00	70.6	1100	CLOUDY	NONE
1610	1.0	0.1		15.7	0.15	438.1	9.01	71.3		CLOUDY	NONE

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: COLEMAN MARCHIN NO

SAMPLER(S) SIGNATURE(S):

SAMPLING INITIATED AT: 1610

SAMPLING ENDED AT: 1615

PUMP OR TUBING DEPTH IN WELL (feet): 100' Pre-purged

TUBING MATERIAL CODE: PP

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)

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)
	4	AG	40 mL	HCL	40 mL x 4	9.0	6200	ESP	0.1
	3	AG	40 mL	HCL	40 mL x 3	9.0	VPH	ESP	0.1
	1	PE	250 mL	HNO_3	250 mL	9.0	Lead by 6010	ESP	0.1

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC
WELL NO: MW-38	DATE: 2/9/2021

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 20 feet to 50 feet	DEPTH TO WATER (feet): 39.56	PUMP TYPE OR BAILER: Monsoon pump
PUMP DEPTH IN WELL (feet): 44	PURGING INITIATED AT: 1400	PURGING ENDED AT: 1430	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	--	--
1400	0	0	39.56	16.9	9.77	206.3	6.06	131.6	35.91	clear	none
1405	↓0.75	0.15	39.99	16.9	12.53	208.3	5.97	153.6	17.60	clear	none
1410	↓1.5	↓	40.31	17.2	10.42	209.2	5.72	143.6	16.37	clear	none
1415	↓2.25		40.38	17.4	9.32	209.9	5.73	135.9	15.87	clear	none
1420	↓3		40.45	17.0	9.17	208.4	5.68	134.7	15.11	clear	none
1425	↓3.75		40.62	17.5	8.60	210.2	5.78	126.6	15.13	clear	none
1430	4.5	↓	40.79	17.5	8.21	210.1	5.77	125.1	15.12	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 Lore / AECOM	SAMPLER(S) SIGNATURE(S): Emily L. Lore	SAMPLING INITIATED AT: 1430	SAMPLING ENDED AT: 1435
PUMP OR TUBING DEPTH IN WELL (feet): 44	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)					
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-38	4	AG	40 mL	HCL	40 mL x 4	5.77	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)

TD: 56.15

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC
WELL NO: MW-41	DATE: 2/10/21

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 0.25"	WELL SCREEN INTERVAL DEPTH: feet to feet	DEPTH TO WATER (feet): 54.48'	PUMP TYPE OR BAILER: Monsoon XL
PUMP DEPTH IN WELL (feet): 60'	PURGING INITIATED AT: 1100	PURGING ENDED AT: 1205		TOTAL VOLUME PURGED (gallons): 6.5 gal.

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1105	0.5	0.1	54.65	16.2	8.06	152.8	6.29	224.9	1049	Brown	none
1110	1.0		54.68	16.5	8.89	154.4	6.27	228.6	805.1	Brown	none
1115	1.5		54.71	16.6	8.72	155.1	6.29	230.8	813.3	Brown	none
1120	2.0		54.75	16.5	6.52	156.0	6.26	233.5	832.1	Brown	none
1125	2.5		54.76	16.5	6.26	157.3	6.24	237.2	624.7	Brown	none
1130	3.0		54.78	16.5	6.07	158.3	6.24	240.5	501.8	Brown	none
1135	3.5		54.78	16.7	5.97	158.8	6.23	242.2	468.0	Brown	none
1140	4.0		54.76	16.6	5.80	159.4	6.24	242.8	178.2	light brown	none
1145	4.5		54.75	16.7	5.63	159.9	6.23	243.2	171.0	light brown	none
1150	5.0		54.75	16.6	5.35	160.2	6.22	244.6	113.2	clear	none
1155	5.5		54.74	16.5	5.31	160.0	6.21	246.9	50.62	clear	none
1200	6.0		54.74	16.6	5.28	160.2	6.20	247.7	48.26	clear	none
1205	6.5		54.74	16.5	5.23	160.3	6.20	247.9	47.32	clear	none

Mike 2/16/21

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	SAMPLER(S) SIGNATURE(S): Mike deKozlowski	SAMPLING INITIATED AT: 1215	SAMPLING ENDED AT: 1225
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)					
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-41	4	AG	40 mL	HCL	40 mL x 4	6.20	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: 15' screen

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
WELL NO: MW-42	DATE: 02/12/2021

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 11 feet to 51 feet	DEPTH TO WATER (feet): 39.19	PUMP TYPE OR BAILER: Monsoon
PUMP DEPTH IN WELL (feet): 45.00	PURGING INITIATED AT: 1135	PURGING ENDED AT: 1155		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	–	–
1135	0.00	0.1	39.75	14.5	5.01	181.2	5.94	149.0	26.38	Clear	None
1140	0.5	↓	40.20	15.4	4.12	181.4	5.87	143.0	14.94	↓	↓
1145	1.0		40.81	14.9	3.85	182.9	5.81	139.4	15.80		
1150	1.5		41.15	14.7	3.77	182.9	5.79	134.2	14.14		
1155	2.0		41.37	14.6	3.70	183.2	5.79	131.9	15.10		

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'Neal / AECom	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1200	SAMPLING ENDED AT: 1210
PUMP OR TUBING DEPTH IN WELL (feet): 45.00	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)					
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-42	4	AG	40 mL	HCL	40 mL x 4		6200	ESP	0.1
↓	3	AG	40 mL	HCL	40 mL x 3		VPH	↓	↓
↓	1	PE	250 mL	HNO_3	250 mL		Lead by 6010	↓	↓

REMARKS:

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
WELL NO: MW-43	DATE: 2/9/21

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: 12 feet to 47 feet	DEPTH TO WATER (feet): 38.9	PUMP TYPE OR BAILER: Mansoon
PUMP DEPTH IN WELL (feet): 44	PURGING INITIATED AT: 1325	PURGING ENDED AT: 1345	TOTAL VOLUME PURGED (gallons): 5 gal	

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	–	–
1330	1.25	0.25	39.30	16.4	6.00	171.3	5.82	116.1	0.82	clear	none
1335	2.5	0.25	39.52	16.5	5.87	170.5	5.90	106.2	0	clear	none
1340	3.75	0.25	39.62	16.5	5.79	171.1	5.95	101.4	0	clear	none
1345	5.0	0.25	39.66	16.5	5.67	172.6	5.97	100.6	0	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: Ben Weiselbaum Arcadis	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1350	SAMPLING ENDED AT: 1355
PUMP OR TUBING DEPTH IN WELL (feet): 44	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)					
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-43	4	AG	40 mL	HCL	40 mL x 4	5.97	6200	O: Mansoon	.25
1	3	AG	40 mL	HCL	40 mL x 3	1	VPH	1	1
1	1	PE	250 mL	HNO_3	250 mL		Lead by 6010	1	1

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **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
WELL NO: MW-44	DATE: 02/12/2021

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): X	WELL SCREEN INTERVAL DEPTH: feet to 35 feet	DEPTH TO WATER (feet): 32.20	PUMP TYPE OR BAILER: Bailer
PUMP DEPTH IN WELL (feet): X	PURGING INITIATED AT: 0855	PURGING ENDED AT: 0905	TOTAL VOLUME PURGED (gallons): 0.33	

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	0.33	—	32.20	15.3	3.37	399.9	7.81	87.0	32.7	Grey	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: Andrew Oak / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0910	SAMPLING ENDED AT: 0915
PUMP OR TUBING DEPTH IN WELL (feet): —	TUBING MATERIAL CODE: —	FIELD-FILTERED: Y (N) Filtration Equipment Type: –	FILTER SIZE: ___ µm
FIELD DECONTAMINATION: ~~PUMP~~ Y N	TUBING Y N(replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
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-44	4	AG	40 mL	HCL	40 mL x 4		6200	B	n/a
"	3	AG	40 mL	HCL	40 mL x 3		VPH	"	"
"	1	PE	250 mL	HNO_3	250 mL		Lead by 6010	"	"

REMARKS: Dry @ 0.33 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** = 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
WELL NO: MW-45	DATE: 2/12/21

PURGING DATA

WELL DIAMETER (inches): 4"	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 10 feet to 50 feet	DEPTH TO WATER (feet): 35.56	PUMP TYPE OR BAILER:
PUMP DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:		TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	–	–
1020	–	–	36.91	16.6	4.38	597	6.24	163.4	139.5	CLEAR	NONE
1030	1.0	0.1	38.30	16.6	4.18	583	6.20	167.2	14.74	CLEAR	NONE
1040	2.0	0.1	39.10	16.3	3.89	566	6.16	73.2	36.83	CLEAR	NONE
1050	3.0	0.1	~~39.32~~	16.3	3.67	569	6.17	73.9	22.92	CLEAR	NONE
1100	4.0	0.1	39.55	16.3	3.69	571	6.17	73.6	16.40	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: COLTON MARTIN	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1100	SAMPLING ENDED AT: 1120
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type: –	FILTER SIZE: – µm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y N (replaced)	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
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)
	4	AG	40 mL	HCL	40 mL x 4	6.17	6200	BSP	0.1
	3	AG	40 mL	HCL	40 mL x 3	1	VPH	1	1
	1	PE	250 mL	HNO_3	250 mL	1	Lead by 6010	1	1

REMARKS: DUP-1-20210212 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
WELL NO: MW-46	DATE: 2/11/21

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: 10 feet to 40 feet	DEPTH TO WATER (feet): 31.94	PUMP TYPE OR BAILER: Monsoon
PUMP DEPTH IN WELL (feet): 38	PURGING INITIATED AT: 1033	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):	

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1035	0	—	31.96	16.1	7.20	258.2	6.51	333.7	45.57	Clear	None
1040	1		32.05	16.6	6.32	257.7	6.57	319.0	32.70	Clear	None
1045	2.2		32.08	16.5	6.12	258.0	6.61	311.4	24.57	Clear	None
1050	3.1		32.10	16.2	1.21	258.1	6.58	306.6	14.04	Clear	None
1055	4.3		32.18	15.7	1.14	254.9	6.46	316.2	11.19	Clear	None
1100	4.8		32.19	17.2	1.06	258.6	6.59	289.4	10.46	Clear	None
1105	5.3		32.20	17.2	1.05	258.9	6.57	245.8	10.12	Clear	None
1110	5.6		32.20	16.9	0.96	259.1	6.56	224.1	9.22	Clear	None
1115	6.1		32.22	17.0	0.94	259.2	6.55	220.9	9.11	Clear	None
1120	6.5		32.23	17.0	0.92	259.0	6.56	219.7	8.94	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: Tim DicKey / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1124	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type: -	FILTER SIZE: __ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
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)
	4	AG	40 mL	HCL	40 mL x 4		6200		
	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
WELL NO: MW-49	DATE: 2/12/21

PURGING DATA

WELL DIAMETER (inches): 4"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 11 feet to 51 feet	DEPTH TO WATER (feet): 33.56	PUMP TYPE OR BAILER: ESP

PUMP DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or ≤0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	—	—
1405	—	—	32.91	16.0	7.03	311.7	6.12	316.4	>1100	MUDDY	NONE
1425	3.0	0.1	34.56	16.2	6.80	277.0	6.08	204.3	375.3	TAN	NONE
1435	3.0	0.1	33.95	15.8	6.81	273.1	6.03	213.6	1364	CLEAR	NONE
1445	4.0	0.1		15.8	6.85	272.1	6.00	218.7	33.1	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:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ___ µm

FIELD DECONTAMINATION: PUMP Y N TUBING Y N (replaced) DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	4	AG	40 mL	HCL	40 mL x 4		6200		
	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
WELL NO: MW-50	DATE: 2/12/21

PURGING DATA

WELL DIAMETER (inches): 4"	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: feet to feet	DEPTH TO WATER (feet): 37.56	PUMP TYPE OR BAILER: Monsoon XL

PUMP DEPTH IN WELL (feet): 45'	PURGING INITIATED AT: 1345	PURGING ENDED AT: 1425	TOTAL VOLUME PURGED (gallons): 4.5

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1355	1.0	0.1	15.4 ⇔ 38.46	2.09	196.2	6.25	7.1	24.08	clear	none
1400	1.5	0.1	38.85	16.3	1.69	195.8	6.25	4.1	10.87	clear	none
1405	2.82	0.15	39.14	16.2	1.52	196.9	6.23	3.2	9.40	clear	none
1410	~~2.030~~	0.15	39.40	16.0	1.41	196.6	6.19	3.9	7.70	clear	none
1415	3.5	0.1	39.49	16.0	1.33	196.3	6.17	4.7	6.13	clear	none
1420	4.0	0.1	39.51	15.8	1.28	196.2	6.15	5.2	6.42	clear	none
1425	4.5	0.1	39.52	16.0	1.20	196.9	6.14	4.2	6.73	clear	none

MDK 2/12/21

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mike de Kozlowski	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1435	SAMPLING ENDED AT: 1440

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)					
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-50	4	AG	40 mL	HCL	40 mL x 4	6.14	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: 40' screen

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
WELL NO: ~~MW-4~~ MW-51	DATE: 2/12/21

PURGING DATA

WELL DIAMETER (inches): 4"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: 15 feet to 45 feet	DEPTH TO WATER (feet): 37.47	PUMP TYPE OR BAILER: ESP
PUMP DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):	

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0850	--	--	38.21	16.8	3.78	367.3	6.28	69.3	>1100	MUDDY	NONE
0900	~2.0	0.2	40.73	16.7	4.17	365.0	6.24	80.3	142.6	CLOUDY	NONE
0910	~3.0	0.1	41.70	16.8	4.03	363.8	6.19	74.0	153.3	CLOUDY	NONE
0920	~4.0	0.1	43.10	16.9	4.05	363.8	6.16	75.3	118.9	CLOUDY	NONE
0930	~5.0	0.1	44.03	17.0	4.06	360.0	6.15	77.4	70.59	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:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0930	SAMPLING ENDED AT: 0940
CHRIS MACHIN			
PUMP OR TUBING DEPTH IN WELL (feet): ~43'	TUBING MATERIAL CODE: PP	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)					
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)
	4	AG	40 mL	HCL	40 mL x 4	6.15	6200	ESP	0.1
	3	AG	40 mL	HCL	40 mL x 3	6.15	VPH	↓	0.1
	1	PE	250 mL	HNO_3	250 mL	6.15	Lead by 6010		0.1

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC
WELL NO: MW-52	DATE: 2/11/21

PURGING DATA

WELL DIAMETER (inches): 4"	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: feet to feet	DEPTH TO WATER (feet): 34.03	PUMP TYPE OR BAILER: Monsoon XL
PUMP DEPTH IN WELL (feet): 40'	PURGING INITIATED AT: 1020	PURGING ENDED AT: 1055		TOTAL VOLUME PURGED (gallons): 7.0

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	–	–
1025	1.0	0.2	34.84	15.4	7.38	217.8	6.44	-7.5	44.74	clear	none
1030	2.0		34.84	15.6	6.90	216.7	6.46	-7.7	45.58	clear	none
1035	3.0		34.90	15.5	6.52	214.6	6.45	-4.7	42.13	clear	none
1040	4.0		34.96	15.6	6.03	213.2	6.42	-0.6	41.28	clear	none
1045	5.0		34.96	15.6	0.95	212.3	6.41	-0.2	43.18	clear	none
1050	6.0		34.97	15.4	0.90	211.6	6.39	2.4	42.28	clear	none
1055	7.0		34.98	15.4	0.88	212.6	6.38	1.6	42.39	clear	none

Mdk 2/11/21

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mike de Kozlowski	SAMPLER(S) SIGNATURE(S): Mike de Kozlowski	SAMPLING INITIATED AT: 1100	SAMPLING ENDED AT: 1110
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)					
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-52	4	AG	40 mL	HCL	40 mL x 4	6.38	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: 30' screen, cleared bubble from sensor @ 1045

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
WELL NO: MW-53	DATE: 2/10/12

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 40 feet to 60 feet	DEPTH TO WATER (feet): 25.2	PUMP TYPE OR BAILER: Monsoon
PUMP DEPTH IN WELL (feet): 45	PURGING INITIATED AT: 0840	PURGING ENDED AT: 0900	TOTAL VOLUME PURGED (gallons): 2.67	

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	--	--
0845	.67	0.13	26.5	15.0	6.27	155.6	6.53	108.8	0.37	clear	none
0850	1.34	0.13	27.1	15.1	5.98	155.6	6.49	109.4	0.00	clear	none
0855	2.0	0.13	27.65	14.9	5.65	155.6	6.43	112.4	0.00	clear	none
0900	2.67	0.13	27.80	15.0	5.52	155.7	6.39	114.3	0.00	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: Ben Weiselbs ATCOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0905	SAMPLING ENDED AT: 0910
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-53	4	AG	40 mL	HCL	40 mL x 4	6.39	6200	O; Mo. Sm	.13
1	3	AG	40 mL	HCL	40 mL x 3	1	VPH	1	1
1	1	PE	250 mL	HNO_3	250 mL	1	Lead by 6010	1	1

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC
WELL NO: MW-54	DATE: 7/10/21

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 15 feet to 60 feet	DEPTH TO WATER (feet): 25.15	PUMP TYPE OR BAILER: Monsoon
PUMP DEPTH IN WELL (feet): 30	PURGING INITIATED AT: 0935	PURGING ENDED AT: 1005	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	–	–
0940	0.5	.1	25.44	14.5	8.96	119.8	6.11	116.8	4.62	clear	none
0945	1.0	.1	25.58	14.4	8.91	120.0	6.05	119.7	1.09	clear	none
0950	1.5	.1	23.70	14.2	8.80	119.8	6.01	121.7	5.28	clear	none
0955	2.0	.1	25.72	14.0	8.79	120.1	5.98	123.8	2.36	clear	none
1000	2.5	.1	25.78	13.9	8.67	119.7	5.96	125.1	4.63	clear	none
1005	3.0	.1	25.82	13.8	8.65	120.2	5.97	124.5	3.44	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: Ben Weisiger ATCorr	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1010	SAMPLING ENDED AT:
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)					
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-54	4	AG	40 mL	HCL	40 mL x 4	5.97	6200	O: Monsoon	~1
MW-54	3	AG	40 mL	HCL	40 mL x 3	5.97	VPH	"	"
MW-54	1	PE	250 mL	HNO_3	250 mL	5.97	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
WELL NO: mw-56	DATE: 2/8/2021

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 16 feet to 40 feet	DEPTH TO WATER (feet): 9.74	PUMP TYPE OR BAILER: Masoon
PUMP DEPTH IN WELL (feet): 33	PURGING INITIATED AT: 1004	PURGING ENDED AT: 1025	TOTAL VOLUME PURGED (gallons): 2.0	

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA	(N)	(N)	<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1003	0.05	~~0.20~~ 0.10	10.36	14.8	4.76	203.4	6.68	114.0	8.50	Clear	None
1010	1.005	~~0.20~~ 0.10	11.33	14.4	4.48	203.1	6.30	113.9	9.65	Clear	None
1015	2.0	~~0.20~~ 0.10	11.48	14.6	4.35	203.1	6.10	113.3	8.47	Clear	None
1020	1.5	0.10	11.52	14.8	4.44	203.1	6.05	114.6	8.24	Clear	None
1025	2.0	0.10	11.47	14.9	4.53	202.9	6.02	114.9	7.76	Clear	None

AO

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Andrew O'Malia / Aecom	SAMPLER(S) SIGNATURE(S): AO	SAMPLING INITIATED AT: 1030	SAMPLING ENDED AT: 1045
PUMP OR TUBING DEPTH IN WELL (feet): 33	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)					
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-56	4	AG	40 mL	HCL	40 mL x 4	6.02	6200	ESP	0.10
1	3	AG	40 mL	HCL	40 mL x 3	6.02	VPH	ESP	0.10
1	1	PE	250 mL	HNO_3	250 mL	6.02	Lead by 6010	ESP	0.10

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; 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
WELL NO: MW-57	DATE: 2/8/2021

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 10 feet to 45 feet	DEPTH TO WATER (feet): 10.37	PUMP TYPE OR BAILER: Monsoon
PUMP DEPTH IN WELL (feet): 39	PURGING INITIATED AT: 1130	PURGING ENDED AT: 1150	TOTAL VOLUME PURGED (gallons): 3.0	

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	–	–
1130	0.00	0.15	10.37	13.80	4.93	227.4	6.13	116.9	7.66	Clear	None
1135	0.75	0.15	10.89	13.90	4.98	227.0	6.03	119.0	12.28	Clear	None
1140	1.5	0.15	10.90	13.80	4.33	226.7	6.01	119.7	9.05	Clear	None
1145	2.25	0.15	10.91	13.80	4.32	227.0	6.01	119.7	8.74	Clear	None
1150	3.0	0.15	10.91	13.80	4.26	227.1	6.00	119.7	9.32	Clear	None

NO

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Andrew O'Malia / AECOM	SAMPLER(S) SIGNATURE(S): A. O'M	SAMPLING INITIATED AT: 1155	SAMPLING ENDED AT: 1215
PUMP OR TUBING DEPTH IN WELL (feet): 39	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)					
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-57	4	AG	40 mL	HCL	40 mL x 4		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
WELL NO: MW-57D	DATE:

PURGING DATA

WELL DIAMETER (inches): 4"	TUBING DIAMETER (inches): 3/8"	WELL SCREEN INTERVAL DEPTH: feet to feet	DEPTH TO WATER (feet): 10.13	PUMP TYPE OR BAILER: MONSOON
PUMP DEPTH IN WELL (feet):	PURGING INITIATED AT: 0930	PURGING ENDED AT: 1055	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	--	--
0930	—	—	10.13	14.4	5.54	272.0	8.64	143.8	13.6	CLEAR	NONE
0940	~1	0.10	11.14	14.3	5.55	272.2	8.74	130.8	826.7	CLOUDY	NONE
0950	~2	0.10	11.83	13.9	5.25	271.6	8.72	115.5	910.1	CLOUDY	NONE
1035	~3	0.10	12.73	14.3	5.30	272.3	8.52	170.8	763.8	CLOUDY	NONE
1040	~3.5	0.10	13.63	14.2	4.28	274.9	8.79	139.7	963.7	CLOUDY	NONE
1045	~4	0.10	14.63	14.4	4.30	274.3	8.81	137.3	945.1	CLOUDY	NONE
1050	~4.5	0.10	14.89	14.5	4.36	273.6	8.81	137.1	993.6	CLOUDY	NONE
1055	~5.0	0.10	15.34	14.7	4.28	275.6	8.83	136.4	983.4	CLOUDY	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: C. MARCHIN AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1020 (1055)	SAMPLING ENDED AT: 1105
PUMP OR TUBING DEPTH IN WELL (feet): ~95 ft	TUBING MATERIAL CODE: PP	FIELD-FILTERED: Y (N) Filtration Equipment Type: –	FILTER SIZE: — µm
FIELD DECONTAMINATION: PUMP Y (N) LAB TUBING Y N (replaced)		DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	4	AG	40 mL	HCL	40 mL x 4	8.83	6200	ESP	0.1
	3	AG	40 mL	HCL	40 mL x 3	"	VPH	ESP	0.1
	1	PE	250 mL	HNO_3	250 mL	"	Lead by 6010	ESP	0.1

REMARKS: COULD NOT STABILIZE DRAW DOWN @ SAMPLE COLLECTION
SAMPLE TIME ON BOTTLES 1020

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
WELL NO: MW-58	DATE: 02/08/21

PURGING DATA

WELL DIAMETER (inches): 4"	TUBING DIAMETER (inches): 0.25"	WELL SCREEN INTERVAL DEPTH: feet to feet	DEPTH TO WATER (feet): 29.98	PUMP TYPE OR BAILER: Monsoon XL
PUMP DEPTH IN WELL (feet): 45'	PURGING INITIATED AT: 1345	PURGING ENDED AT: 1440		TOTAL VOLUME PURGED (gallons): 5.5 gal

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1350	0.5	0.1	30.10	15.6	9.82	100.8	5.24	291.7	64.27	clear	none
1355	1.0		30.15	15.6	9.62	100.6	5.48	301.1	43.96	"	"
1400	1.5		30.19	15.3	9.59	100.6	5.56	299.3	33.82	"	"
1405	2.0		30.30	15.5	9.22	100.8	5.62	294.7	30.77	"	"
1410	2.5		30.49	15.5	9.01	100.8	5.73	291.3	28.77	"	"
1415	3.0		30.70	15.6	8.97	100.8	5.75	291.1	21.28	"	"
1420	3.5		30.83	15.4	8.88	100.8	5.77	292.0	17.49	"	"
1425	4.0		30.95	15.4	8.75	100.9	5.77	299.1	16.48	"	"
1430	4.5		31.11	15.5	5.28	100.9	5.80	208.3	14.27	"	"
1435	5.0		31.27	15.4	5.00	100.9	5.82	205.4	15.63	"	"
1440	5.5		31.34	15.5	4.90	100.8	5.81	206.1	14.39	"	"

MdlC 2/8/21

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mike de Kozlowski	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1450	SAMPLING ENDED AT: 1500
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)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
MW-58	4	AG	40 mL	HCL	40 mL x 4	5.81	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: 30' screen

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
WELL NO: MW-59	DATE: 2/9/21

PURGING DATA

WELL DIAMETER (inches): 4"	TUBING DIAMETER (inches): 0.25"	WELL SCREEN INTERVAL DEPTH: feet to feet	DEPTH TO WATER (feet): 30.70	PUMP TYPE OR BAILER: Monsoon XL
PUMP DEPTH IN WELL (feet): 45'	PURGING INITIATED AT: 0905	PURGING ENDED AT: 0950		TOTAL VOLUME PURGED (gallons): 5 gal.

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0910	0.5	0.1	31.13	14.9	5.77	101.5	5.81	170.2	90.24	clear	none
0915	1.0		31.20	15.0	5.50	99.7	5.77	170.2	49.57	clear	none
0920	1.5		31.34	14.9	5.40	99.3	5.78	170.4	39.74	clear	none
0925	2.0		31.45	15.1	5.27	98.9	5.79	171.7	39.15	clear	none
0930	2.5		31.49	15.1	5.15	98.7	5.77	173.4	29.43	clear	none
0935	3.0		31.50	15.2	4.92	98.7	5.77	175.5	24.52	clear	none
0940	3.5		31.51	15.2	4.77	98.2	5.72	179.5	19.71	clear	none
0945	4.0		31.51	15.3	4.66	98.3	5.71	181.3	18.73	clear	none
0950	4.5		31.50	15.3	4.58	98.0	5.71	182.6	18.73	clear	none

MdK 2/9/21

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:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Mike de Krzlowski	Mike de Krzlowski	1000	1010

PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: __ µm
45'	LDPE		

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-59	4	AG	40 mL	HCL	40 mL x 4	5.71	6200	ESP	0.1
MW-59	3	AG	40 mL	HCL	40 mL x 3		VPH		
MW-59	1	PE	250 mL	HNO_3	250 mL		Lead by 6010		

REMARKS:
30' screen

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: 2020-11-2448 (Incident)
WELL NO: MW-59D
SITE LOCATION: Huntersville, NC
DATE: 2/12/21

PURGING DATA

WELL DIAMETER (inches): 6
TUBING DIAMETER (inches): 1/4
WELL SCREEN INTERVAL DEPTH: feet to feet
DEPTH TO WATER (feet): 83.3
PUMP TYPE OR BAILER: Mega Monsoon
PUMP DEPTH IN WELL (feet): 155
PURGING INITIATED AT: 0900
PURGING ENDED AT: 0955
TOTAL VOLUME PURGED (gallons): 16.5

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP (°C)	DO (mg/L)	COND (uS/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	1.5	.3	34.43	15.2	10.09	3264	8.47	88.0	96.35	cloudy	none
0910	3	.3	34.81	15.1	9.98	3249	8.32	91.0	75.44	cloudy	none
0915	4.5	.3	35.20	15.1	9.12	3265	8.27	92.3	47.89	clear	none
0920	6	.3	36.15	15.4	9.11	3261	8.41	74.5	28.95	clear	none
0925	7.5	.3	37.42	15.4	9.10	3261	8.37	70.7	22.34	clear	none
0930	9	.3	38.50	15.4	9.10	3261	8.36	68.4	17.15	clear	none
0935	10.5	.3	39.16	15.2	9.08	3260	8.36	68.1	16.43	clear	none
0940	12	.3	39.83	15.3	9.11	3260	8.29	68.7	13.28	clear	none
0945	13.5	.3	41.12	15.41	9.15	3261	8.33	72.6	8.97	clear	none
0950	15	.3	41.91	15.5	9.09	3261	8.35	69.2	7.46	clear	none
0955	16.5	.3	42.42	15.3	9.08	3265	8.36	73.4	7.40	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: Ben Weissler / AECOM
SAMPLER(S) SIGNATURE(S):
SAMPLING INITIATED AT: 1000
SAMPLING ENDED AT: 1005
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)					
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)
[illegible]	4	AG	40 mL	HCL	40 mL x 4	8.36	6200	[illegible]	3
1	3	AG	40 mL	HCL	40 mL x 3	1	VPH	1	1
1	1	PE	250 mL	HNO_3	250 mL	1	Lead by 6010	1	1

REMARKS: EB-1-20210212

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)

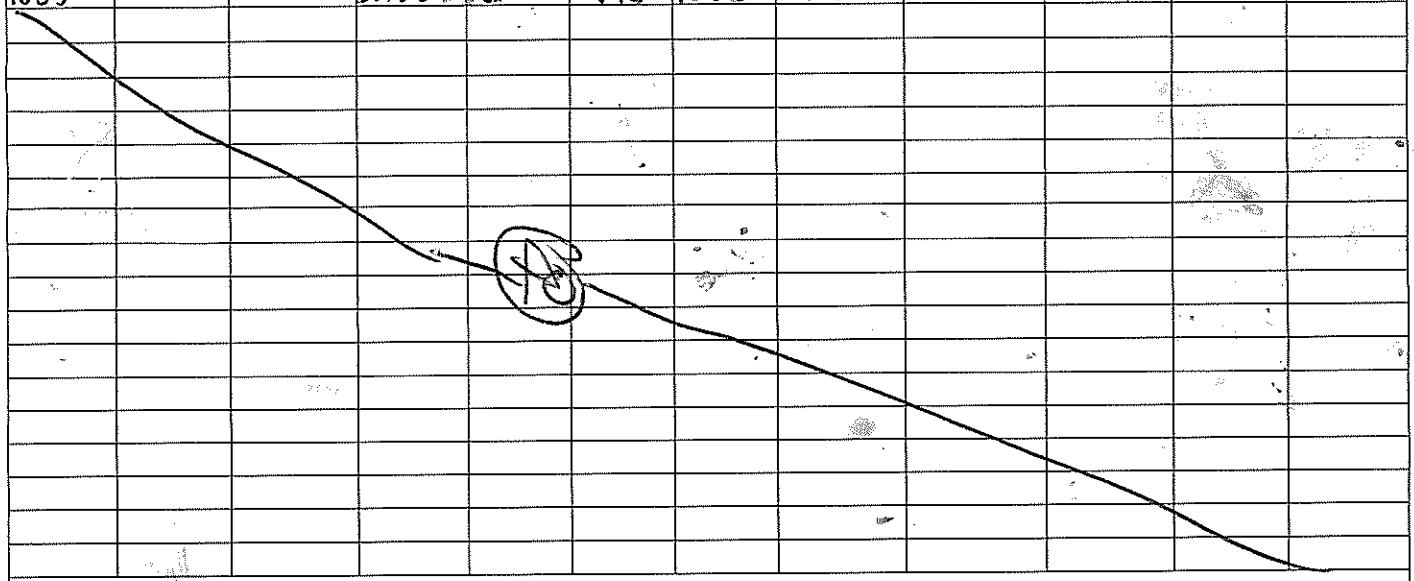
GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC
WELL NO: MW-60	DATE: 02/12/2021

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 29 feet to 44 feet	DEPTH TO WATER (feet): 32.73	PUMP TYPE OR BAILER: Masoon
PUMP DEPTH IN WELL (feet): 39	PURGING INITIATED AT: 0935	PURGING ENDED AT: 1005	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	–	–
0935	0.00		32.73	11.8	8.84	153.7	7.25	124.6	29.58	Clear	None
0940			33.07	14.8	6.35	157.1	6.58	134.2	28.02		
0945			33.31	15.2	6.30	157.1	6.27	136.2	31.80		
0950			33.42	15.6	6.11	156.3	6.11	143.2	29.51		
0955			33.47	15.9	5.72	156.0	6.03	145.1	30.13		
1000			33.50	16.1	5.94	157.1	6.03	144.2	31.51		
1005			33.55	16.2	5.93	156.3	6.05	143.3	32.23		



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 Omalia / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1010	SAMPLING ENDED AT: 1026
PUMP OR TUBING DEPTH IN WELL (feet): 39	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)					
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)
MW60	4	AG	40 mL	HCL	40 mL x 4	3.92	6200	ESP	
"	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
WELL NO: MW-61D	DATE: 2/10/2021

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: feet to feet	DEPTH TO WATER (feet): 54.05	PUMP TYPE OR BAILER: monsoon pump
PUMP DEPTH IN WELL (feet): 100	PURGING INITIATED AT: 1105	PURGING ENDED AT: 1145	TOTAL VOLUME PURGED (gallons): 14	

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	--	--
1105	0	0	54.05	16.3	6.76	232.1	6.39	168.4	42.10	clear	none
1110	1.75	0.35	54.13	16.8	6.56	234.7	6.25	170.8	43.12	clear	none
1115	3.5	|	54.15	16.9	6.43	240.3	6.17	173.5	16.75	clear	none
1120	5.25	|	54.14	16.9	6.19	241.8	6.13	174.8	14.27	clear	none
1125	7	|	54.16	16.9	6.46	239.4	6.08	175.7	11.82	clear	none
1130	8.75	|	54.15	17.0	6.62	236.0	6.05	176.3	9.54	clear	none
1135	10.5	|	54.15	17.0	6.30	232.5	6.01	177.2	4.61	clear	none
1140	12.25	|	54.15	17.0	6.72	231.8	6.00	177.6	4.69	clear	none
1145	14	|	54.15	17.0	6.77	231.0	5.98	178.2	4.89	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 Lore / AECOM	SAMPLER(S) SIGNATURE(S): Emily R. Lore	SAMPLING INITIATED AT: 1145	SAMPLING ENDED AT: 1150
PUMP OR TUBING DEPTH IN WELL (feet): 100'	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)					
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-61D	4	AG	40 mL	HCL	40 mL x 4	5.98	6200	ESP	0.35
"	3	AG	40 mL	HCL	40 mL x 3	"	VPH	"	"
"	1	PE	250 mL	HNO_3	250 mL	"	Lead by 6010	"	"

REMARKS: FB-1-20210210

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
WELL NO: MW-62	DATE: 02/11/2021

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: 25.5 feet to 39.3 feet	DEPTH TO WATER (feet): 36.50	PUMP TYPE OR BAILER: Bailer
PUMP DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:		TOTAL VOLUME PURGED (gallons): 0.66

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	--	--
1143	0.66	—	~~Dry~~ 36.97	15.4	4.21	253.0	6.39	220.0	>1,100	Brown	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: Andrew O'Mara / Jacobs	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1145	SAMPLING ENDED AT: 1155
PUMP OR TUBING DEPTH IN WELL (feet): —	TUBING MATERIAL CODE: —	FIELD-FILTERED: Y (N) Filtration Equipment Type: —	FILTER SIZE: — µm
FIELD DECONTAMINATION: ~~PUMP~~ Y ~~N~~	~~TUBING~~ Y ~~N~~ (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
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-62	4	AG	40 mL	HCL	40 mL x 4	6.39	6200	B	n/a
"	3	AG	40 mL	HCL	40 mL x 3	"	VPH	"	"
"	1	PE	250 mL	HNO_3	250 mL	"	Lead by 6010	"	"

REMARKS: 39.3 - 36.50 * 0.65 = 1.82 gal per. well volume Dry @ 0.66 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 = 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
WELL NO: MW-62D	DATE: 2/15/2021

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: feet to feet	DEPTH TO WATER (feet): (21) 53.53 53.87	PUMP TYPE OR BAILER: monsoon pump
PUMP DEPTH IN WELL (feet): 134	PURGING INITIATED AT: 1025	PURGING ENDED AT: 1045	TOTAL VOLUME PURGED (gallons): 4	

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	0	53.53	13.4	2.99	317.4	6.96	240.4	48.26	clear	none
1030	1	0.2	54.12	14.8	1.21	318.9	7.55	205.3	29.01	clear	none
1035	2	1	54.26	15.6	0.43	322.0	7.66	192.8	29.13	clear	none
1040	3	1	54.49	15.8	0.40	323.2	7.64	186.5	28.66	clear	none
1045	4	1	54.62	15.8	0.27	324.2	7.67	189.5	28.53	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 R. Jore / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1045	SAMPLING ENDED AT: 1050
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
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-62D	4	AG	40 mL	HCL	40 mL x 4	7.67	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
WELL NO: MW-63	DATE: 2/9/2021

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: feet to feet	DEPTH TO WATER (feet): 41.21	PUMP TYPE OR BAILER: monsoon pump
PUMP DEPTH IN WELL (feet): 58	PURGING INITIATED AT: ~~1125~~ 0945	PURGING ENDED AT: 1125		TOTAL VOLUME PURGED (gallons): 10

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	–	–
0945	0	0	41.21	11.6	9.06	2.2	6.40	225.8	4.53	clear	none
0950	0.83	0.166	41.51	13.9	7.39	2.0	6.14	199.6	3.21	clear	none
0955	1.66	"	41.55	14.6	6.69	1.9	6.11	198.8	4.42	clear	none
1035	1.66	"	41.54	15.9	6.15	1.0	6.14	190.9	4.60	clear	none
1040	2.49	"	41.54	16.2	5.92	1.0	6.09	183.6	5.16	clear	none
1045	3.32	"	41.69	16.4	6.20	1.0	6.09	180.2	4.76	clear	none
1050	4.15	"	42.12	17.0	6.15	0.9	6.14	182.7	5.28	clear	none
1055	4.98	"	42.22	17.1	6.12	0.9	6.09	187.0	3.64	clear	none
1100	5.81	"	42.32	17.4	5.97	0.9	6.11	195.9	3.61	clear	none
1105	6.64	"	42.34	17.5	6.00	0.7	6.03	213.3	3.77	clear	none
1110	7.47	"	42.34	16.4	6.12	232.1	6.10	174.9	5.23	clear	none
1115	8.3	"	42.65	16.7	6.19	233.2	6.07	176.3	2.96	clear	none
1120	9.13	"	42.88	16.6	6.14	231.8	6.08	176.7	3.84	clear	none
1125	10	"	43.03	16.6	6.10	231.8	6.08	177.1	3.67		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Emily Love / AECOM	SAMPLER(S) SIGNATURE(S): Emily R. Love	SAMPLING INITIATED AT: 1125	SAMPLING ENDED AT: 1130
PUMP OR TUBING DEPTH IN WELL (feet): 58	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)					
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-63	4	AG	40 mL	HCL	40 mL x 4	6.08	6200	ESP	0.166
"	3	AG	40 mL	HCL	40 mL x 3	"	VPH	"	"
"	1	PE	250 mL	HNO_3	250 mL	"	Lead by 6010	"	"

REMARKS: paused purging from 0955-1035

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)

TD: 63

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC
WELL NO: MW-64	DATE: 2/15/21

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	DEPTH TO WATER (feet): 37.92	PUMP TYPE OR BAILER: Monsoon XL
PUMP DEPTH IN WELL (feet): ~~50'~~ 60'	PURGING INITIATED AT: 1055	PURGING ENDED AT: 1110		TOTAL VOLUME PURGED (gallons): 3.0

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	–	–
1100	1.0	0.2	38.27	16.9	3.79	180.8	6.55	130.1	857.5	ft. brn	none
1105	2.0	1	38.34	17.0	3.74	181.4	6.55	122.5	864.3	lt brn	1
1110	3.0	1		17.1	3.70	181.4	6.54	122.8	899.2	lt brn.	1

MdK 2/15/21

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:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Mike de Kozlowski	MdK	1120	1130

PUMP OR TUBING DEPTH IN WELL (feet): ~~50'~~ 60'	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)					
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-64	4	AG	40 mL	HCL	40 mL x 4	6.54	6200	ESP	0.2
1	3	AG	40 mL	HCL	40 mL x 3	1	VPH	1	1
1	1	PE	250 mL	HNO_3	250 mL	1	Lead by 6010	1	1

REMARKS: Target DTB @ 69.9'

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
WELL NO: MW-6S
SITE LOCATION: Huntersville, NC
DATE: 7/15/21

PURGING DATA

WELL DIAMETER (inches): 2
TUBING DIAMETER (inches): 1/4
WELL SCREEN INTERVAL DEPTH: 23 (feet) to 38 feet
DEPTH TO WATER (feet): 22.95
PUMP TYPE OR BAILER: Monsoon
PUMP DEPTH IN WELL (feet): 25
PURGING INITIATED AT: 0820
PURGING ENDED AT: 0915
TOTAL VOLUME PURGED (gallons): 5.5

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	–	–
0820	.5	.5	23.21	17.1	6.00	120.7	6.87	86.2	829.1	Br	none
0830	1	.5	23.18	17.2	5.82	120.3	6.86	81.4	761.1	Br	none
0835	1.5	.5	23.22	17.21	5.35	126.5	6.87	75.0	735.2	Br	none
0840	2.0	.5	23.26	17.4	4.87	129.5	6.87	71.8	468.0	Br	none
0845	2.5	.5	23.30	17.41	4.55	130.7	6.98	69.8	394.7	L. Br	none
0850	3.0	.5	23.34	17.4	4.26	132.7	6.90	66.6	315.2	L Br	none
0855	3.5	.5	23.38	17.4	4.22	133.6	6.92	66.1	179.4	L. Br	none
0900	4.0	.5	23.42	17.4	4.19	135.1	6.92	65.6	63.06	Cloudy	none
0905	4.5	.5	23.46	17.4	4.05	136.1	6.92	67.5	55.20	Slightly cloudy	none
0910	5.0	.5	23.50	17.4	4.03	136.4	6.91	67.6	49.21	Slightly cloudy	none
0915	5.5	.5	23.54	17.4	4.04	136.7	6.92	67.2	48.96	Slightly cloudy	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: Ben Webster/S Arcadis
SAMPLER(S) SIGNATURE(S):
SAMPLING INITIATED AT: 0920
SAMPLING ENDED AT: 0925
PUMP OR TUBING DEPTH IN WELL (feet): 28
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)					
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-6S	4	AG	40 mL	HCL	40 mL x 4	6.97	6200	O:Monsoon	.5
1	3	AG	40 mL	HCL	40 mL x 3	1	VPH	1	1
	1	PE	250 mL	HNO_3	250 mL	1	Lead by 6010		

REMARKS: ~~EB-1-20210715 BW~~

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: 2021-[illegible] | SITE LOCATION: Huntersville, NC
WELL NO: [illegible] | DATE: 2/15/21

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | DEPTH TO WATER (feet): 22.71 | PUMP TYPE OR BAILER: [illegible]
PUMP DEPTH IN WELL (feet): [illegible] | PURGING INITIATED AT: 0930 | PURGING ENDED AT: 1020 | TOTAL VOLUME PURGED (gallons): 5

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP (°C)	DO (mg/L)	COND (µS/cm)	pH (standard units)	ORP (mV)	TURB (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU		
[illegible]	.5	.5	23.03	17.3	7.26	139.2	6.93	90.3	166.7	Br.	–
[illegible]	1.0	.5	24.14	17.4	5.86	138.4	6.95	90.1	150.4	Br	none
[illegible]	1.5	.5	24.83	17.4	4.38	138.7	6.92	87.6	103.73	Br	none
[illegible]	2.0	.5	25.56	17.4	4.07	139.4	6.92	75.4	89.12	L Br	none
[illegible]	2.5	.5	26.27	17.4	4.03	138.2	6.91	71.2	78.21	L. Br	none
[illegible]	3.0	.5	27.05	17.4	4.04	135.7	6.94	68.9	65.21	Slight Clear	none
[illegible]	3.5	.5	27.31	17.4	4.04	136.4	6.93	68.8	41.05	Slight Clear	none
1010	4.0	.5	27.41	17.4	4.02	136.4	6.91	68.7	39.26	Clear	none
1015	4.5	.5	28.88	17.4	4.01	136.7	6.90	68.9	36.92	Clear	none
1020	5.0	.5	28.85	17.4	4.03	136.3	6.90	68.7	36.91	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: [illegible] / ATC[illegible] | SAMPLER(S) SIGNATURE(S): [signature] | SAMPLING INITIATED AT: 1025 | SAMPLING ENDED AT: 1030

PUMP OR TUBING DEPTH IN WELL (feet): 120 | 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[illegible]	4	AG	40 mL	HCL	40 mL x 4	6.90	6200	O-[illegible]	.5
|	3	AG	40 mL	HCL	40 mL x 3	|	VPH	|	|
	1	PE	250 mL	HNO_3	250 mL	|	Lead by 6010	|	|

REMARKS: EB-1-20210215, DUP-1-20210215

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: 2020-11-2448 Incident
WELL NO: MW-66
SITE LOCATION: Huntersville, NC
DATE: 2/12/21

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: feet to feet	DEPTH TO WATER (feet):	PUMP TYPE OR BAILER:
2		53	38.62	Monsoon

PUMP DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
43	1250	1320	10

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	–	–
1250	1	.2	39.58	17.5	8.08	193.3	6.64	98.0	463.5	Brown	none
1255	2	.2	39.71	17.6	7.81	196.2	6.54	108.5	632.5	Brown	none
1300 1240	3	.2	39.74	17.7	7.53	204.3	6.34	114.8	679.6	Brown	none
1305 1245	4	.2	39.77	17.6	7.47	206.1	6.33	115.5	686.7	Brown	none
1310	5	.2	39.80	17.6	7.40	207.7	6.32	116.1	696.4	Brown	none
1315	6	.2	39.82	17.7	7.42	208.1	6.30	117.6	400.7	Brown	none
1320	7	.2	39.83	17.7	7.44	208.4	6.26	119.1	274.7	Light Br	none
1325	8	.2	39.84	17.8	7.46	207.8	6.25	119.5	257.6	light Br	none
1330	9	.2	39.85	17.7	7.45	206.5	6.24	120.8	230.4	clear	none
1335	10	.2	39.86	17.7	7.44	206.5	6.24	120.3	198.6	light Br	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:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Ben Welsebs AECOM		1340	1350

PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) Filtration Equipment Type: --	FILTER SIZE: -- µm
43	LDPE		

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-66	4	AG	40 mL	HCL	40 mL x 4	6.24	6200	6.24	.2
"	3	AG	40 mL	HCL	40 mL x 3	"	VPH	"	"
"	1	PE	250 mL	HNO_3	250 mL	"	Lead by 6010	"	"

REMARKS: 53.8 TD

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

WELL NO: MW-67

SITE LOCATION: Huntersville, NC

DATE: 2/12/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	DEPTH TO WATER (feet): 31.16	PUMP TYPE OR BAILER: Monsoon
PUMP DEPTH IN WELL (feet): 38	PURGING INITIATED AT: 1415		PURGING ENDED AT: 1440	TOTAL VOLUME PURGED (gallons): 5

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	–	–
1420	1	.2	32.45	17.6	6.72	316.8	6.84	78.4	400.2	LightBr	none
1425	2	.2	33.81	17.5	3.02	309.2	6.72	63.0	235.4	LightBr	none
1430	3	.2	33.82	17.5	3.85	301.2	6.62	100.2	173.7	LightBr	none
1435	4	.2	33.81	17.5	4.07	298.2	6.57	103.2	204.1	LightBr	none
1440	5	.2	33.81	17.6	4.09	293.2	6.52	107.1	185.3	LightBr	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: Ben Weisel/Stantec

SAMPLER(S) SIGNATURE(S):

SAMPLING INITIATED AT: 1445 SAMPLING ENDED AT: 1450

PUMP OR TUBING DEPTH IN WELL (feet): 36

TUBING MATERIAL CODE: LDPE

FIELD-FILTERED: Y (N) Filtration Equipment Type: – FILTER SIZE: – µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
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-67	4	AG	40 mL	HCl	40 mL x 4	6.67	6200	O: Monsoon	.2
1	3	AG	40 mL	HCl	40 mL x 3	1	VPH	1	1
1	1	PE	250 mL	HNO_3	250 mL	1	Lead by 6010	1	1

REMARKS: 40.05 TD

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

WELL NO: MW-68

DATE: 12/15/2021

PURGING DATA

WELL DIAMETER (inches): 2

TUBING DIAMETER (inches): 0.25

WELL SCREEN INTERVAL DEPTH: feet to 50 feet

DEPTH TO WATER (feet): 35.45

PUMP TYPE OR BAILER: Masterflex

PUMP DEPTH IN WELL (feet): 45

PURGING INITIATED AT: 0830

PURGING ENDED AT: 0850

TOTAL VOLUME PURGED (gallons): 2.0

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	–	–
0830	1.00	0.1	36.75	15.2	5.80	194.1	5.67	113.8	71,100	Brown	None
0835	0.5	〃	38.95	16.5	5.18	199.1	5.62	107.6	71,100	〃	〃
0840	1.0	〃	38.79	16.3	5.01	107.8	5.62	107.7	71,100	〃	〃
0845	1.5	〃	38.85	16.5	4.94	104.6	5.62	108.1	71,100	〃	〃
0850	2.0	〃	38.83	16.7	4.92	105.6	5.61	108.3	71,100	〃	〃

NO

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Andrew O'Mara / AECOM

SAMPLER(S) SIGNATURE(S):

SAMPLING INITIATED AT: 0855

SAMPLING ENDED AT: 0905

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)					
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-68	4	AG	40 mL	HCL	40 mL x 4	5.61	6200	ESP	0.1
〃	3	AG	40 mL	HCL	40 mL x 3	〃	VPH	〃	〃
〃	1	PE	250 mL	HNO_3	250 mL	〃	Lead by 6010	〃	〃

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC
WELL NO: MW-69	DATE: 2/10/2021

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: feet to feet	DEPTH TO WATER (feet): 50.32	PUMP TYPE OR BAILER: Monsoon pump
PUMP DEPTH IN WELL (feet): 55	PURGING INITIATED AT: 1505	PURGING ENDED AT: 1540	TOTAL VOLUME PURGED (gallons): 4.5	

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1505	0	0.143 0	50.32	16.0	7.73	231.5	6.27	194.2	>1100	brown	none
1510	~~1.28~~ 0.28	~~0.643~~ 0.123	50.72	16.8	7.28	243.0	6.42	180.0	>1100	brown	none
1515	~~1.93~~ 1.28	0.123	50.93	17.2	6.79	248.8	6.41	179.5	>1100	brown	none
1520	~~2.57~~ 1.93		50.83	16.9	6.22	248.3	6.39	181.1	>1100	brown	none
1525	~~3.22~~ 2.57		50.80	16.9	6.00	253.7	6.40	182.1	>1100	brown	none
1530	~~3.86~~ 3.22		50.80	17.3	5.57	260.9	6.44	180.7	>1100	brown	none
1535	3.86		50.80	17.5	5.38	264.2	6.46	180.3	>1100	brown	none
1540	4.5		50.80	17.3	5.15	263.2	6.45	181.3	>1100	brown	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	SAMPLING INITIATED AT: 1540	SAMPLING ENDED AT: 1545
PUMP OR TUBING DEPTH IN WELL (feet): 55	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)					
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-69	4	AG	40 mL	HCL	40 mL x 4	6.45	6200	ESP	0.123
"	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)

TD: 57

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident	SITE LOCATION: Huntersville, NC
WELL NO: MW-3D	DATE: 02/15/2021

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: feet to feet	DEPTH TO WATER (feet): 35.91	PUMP TYPE OR BAILER: Peristaltic
PUMP DEPTH IN WELL (feet): 40	PURGING INITIATED AT: 1155	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):	

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1155	0.00	0.1	36.35	15.6	3.70	198.4	5.94	114.0	>1,100	Brown	Mild
1200	0.5		36.30	15.9	3.27	199.1	5.91	115.0	>1,100	"	"
1205	1.0		36.35	16.2	2.76	204.2	5.90	99.8	>1,100	"	"
1210	1.5		36.41	16.6	2.81	204.8	5.89	98.2	>1,100	"	"
1215	2.0		36.29	16.3	2.53	204.4	5.89	95.7	>1,100	"	"

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 / ASCOR	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1220	SAMPLING ENDED AT: 1230
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)					
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-3D	4	AG	40 mL	HCL	40 mL x 4	<2	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: -1 VOA for 6200 (Broke in packaging)

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
WELL NO: MW-71	DATE: 2/16/21

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 0.25"	WELL SCREEN INTERVAL DEPTH: feet to feet	DEPTH TO WATER (feet): 55.48'	PUMP TYPE OR BAILER: Monsoon XL
PUMP DEPTH IN WELL (feet): 60'	PURGING INITIATED AT: 1345	PURGING ENDED AT: 1445		TOTAL VOLUME PURGED (gallons): 12.0

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	–	–
1350	1.0	0.2	56.14	17.3	1.39	267.0	7.06	202.7	>1000+	Brown	none
1355	2.0		56.22	17.1	0.93	265.6	7.07	199.3	>1000+	Brown	none
1400	3.0		56.42	17.2	0.99	264.1	7.05	200.3	>1000+	Brown	none
1405	4.0		56.68	17.0	1.32	253.8	6.93	207.0	>1000+	Brown	none
1410	5.0		56.84	16.7	1.27	255.2	6.92	210.1	>1000+	Brown	none
1415	6.0		57.07	16.5	1.52	252.1	6.86	216.2	>1000+	Brown	none
1420	7.0		57.14	16.7	1.77	247.8	6.84	217.7	>1000+	Brown	none
1425	8.0		57.17	16.8	2.00	243.2	6.82	220.2	>1000	Brown	none
1430	9.0		57.19	16.6	2.27	239.8	6.80	221.9	>1000	Brown	none
1435	10.0		57.20	16.6	2.59	234.5	6.76	225.4	>1000	Brown	none
1440	11.0		57.22	16.6	2.70	230.1	6.75	226.5	>1000	Brown	none
1445	12.0		57.28	16.6	2.97	227.7	6.73	227.7	>1000	Brown	none

* Sample collected after one hour of purging and no parameter stabilization.

Three (3) well volumes have been purged. 66.50 - 55.48 = 11.02 ~~gal~~ Ft

11.02' × 0.16 gal/Ft = 1.76 gal

3 (1.76) = 5.28

MdK 2/16/21

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; (2" = 0.16); 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mike de Kozlowski	SAMPLER(S) SIGNATURE(S): Mike de Kozlowski	SAMPLING INITIATED AT: 1455	SAMPLING ENDED AT: 1505
PUMP OR TUBING DEPTH IN WELL (feet): 60'	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)					
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-71	4	AG	40 mL	HCL	40 mL x 4	6.73	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: No well plaque/label. DTB = 66.50'. Extremely turbid, may need further development

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
WELL NO: MW-72	DATE: 2/9/2021

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: feet to 57 feet	DEPTH TO WATER (feet): 45.6	PUMP TYPE OR BAILER: Monsoon
PUMP DEPTH IN WELL (feet): 55	PURGING INITIATED AT: ~~0950~~ 1040	PURGING ENDED AT: 1210	TOTAL VOLUME PURGED (gallons): 20.9	

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0950	0.00	0.22	46.29	16.6	0.53	327.4	6.91	102.6	71,100	Brown	None
~~0955~~ 1040	1.1		46.30	16.9	2.21	303.9	6.74	96.1	71,100		
1045	2.2		~~46.38~~ 46.38	16.9	4.03	289.1	6.66	-171.4	71,100		
1050	3.3		46.50	17.1	3.95	290.0	6.54	-180.6	71,100		
1055	4.4		46.48	16.8	4.43	283.2	6.44	99.4	71,100		
1100	5.5		46.61	17.2	4.19	279.3	6.38	96.0	71,100		
1105	6.6		46.70	17.0	4.06	273.8	6.33	94.6	346.2		
1110	7.7		46.89	17.0	4.04	271.6	6.30	94.7	579.8		
1115	8.8		46.95	17.0	3.34	269.2	6.28	95.4	781.0		
1120	9.9		46.89	17.0	3.30	266.0	6.25	96.9	847.2		
1125	11		46.92	17.0	3.53	264.5	6.24	97.1	872.8		
1130	12.1		46.94	16.9	3.57	264.0	6.22	98.1	71,100		
1135	13.2		46.95	16.9	3.69	262.8	6.20	99.3	596.3	Tan	
1140	14.3		46.98	17.0	3.81	260.7	6.19	100.6	491.0		
1145	15.4		46.99	17.0	5.09	260.5	6.20	99.9	466.9		
1150	~~16~~ 16.5		46.99	16.9	6.18	259.7	6.18	101.7	493.0		
1155	17.6		47.01	17.0	6.13	257.6	6.17	101.8	597.9		
1200	18.7		47.03	16.9	6.16	256.9	6.16	101.9	490.6		
1205	19.8		47.05	16.9	6.15	255.4	6.13	103.0	484.0		
1210	20.9	↓	47.06	17.0	6.18	254.8	6.15	103.4	467.8	↓	↓

AO

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Andrew O'Malia / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1215	SAMPLING ENDED AT: 1225
PUMP OR TUBING DEPTH IN WELL (feet): 55	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)					
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-72	4	AG	40 mL	HCL	40 mL x 4	<2	6200	ESP	0.22
↓	3	AG	40 mL	HCL	40 mL x 3	↓	VPH	↓	↓
↓	1	PE	250 mL	HNO_3	250 mL	↓	Lead by 6010	↓	↓

REMARKS: Sampling paused @ 0455 for a safety standown meeting

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

WELL NO: MW-73

SITE LOCATION: Huntersville, NC

DATE: 2/11/2021

PURGING DATA

WELL DIAMETER (inches): 2

TUBING DIAMETER (inches): 0.25

WELL SCREEN INTERVAL DEPTH: feet to feet

DEPTH TO WATER (feet): 32.56

PUMP TYPE OR BAILER: Monsoon pump

PUMP DEPTH IN WELL (feet): 37

PURGING INITIATED AT: 1025

PURGING ENDED AT:

TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	–	–
1025	0	0	32.56	15.3	8.03	212.2	7.86	-199.2	>1100	brown	none
1030			34.13	16.3	7.31	225.9	7.98	-290.7	>1100	brown	none
1035			35.12	16.4	5.19	239.0	7.91	-328.3	>1100	brown	none
1040			36.03	16.4	4.23	229.4	7.90	-370.6	>1100	brown	none
1045			37.36	16.5	2.79	217.4	7.92	-422.0	>1100	brown	none
1050			37.90	16.6	1.93	213.4	7.87	-450.9	>1100	brown	none
1055			37.97	16.6	1.58	215.7	7.73	-446.4	>1100	brown	none
1100			38.10	16.5	1.40	219.9	7.48	-434.8	>1100	brown	none
1105			37.99	16.5	1.59	221.4	7.16	-427.2	>1100	brown	none
1110			38.14	16.5	1.50	225.5	6.95	-407.7	>1100	brown	none
1115			38.07	16.5	1.62	229.5	6.82	-388.9	>1100	brown	none
1120			38.11	16.5	1.81	231.6	6.70	-391.9	>1100	brown	none
1125			38.06	16.5	2.80	233.1	6.64	-382.8	>1100	brown	none
1130			37.90	16.4	2.83	233.5	6.54	-372.2	>1100	brown	none
1135			37.85	16.5	2.93	233.8	6.51	-365.1	1038	brown	none
1140	15		37.71	16.5	2.98	233.5	6.45	-367.8		brown	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 L. Love

SAMPLING INITIATED AT: 1140

SAMPLING ENDED AT: 1145

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)					
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-73	4	AG	40 mL	HCL	40 mL x 4	6.45	6200	ESP	
"	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
WELL NO: MW-74	DATE: 2/15/21

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	DEPTH TO WATER (feet): 20.70 ~~31.82~~	PUMP TYPE OR BAILER: Monsoon XL
PUMP DEPTH IN WELL (feet): 25'	PURGING INITIATED AT: 1225		PURGING ENDED AT: 1300	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	--	--
1230	0.5	0.1	20.98	17.9	2.35	245.5	6.69	-144.4	658.9	lt. brown	none
1235	1.0		21.12	17.6	2.23	245.4	6.69	-144.5	622.8	lt. brown	none
1240	1.5		21.23	18.0	2.21	242.5	6.62	-130.4	561.9	lt brown	none
1245	2.0		21.30	17.9	2.34	239.4	6.59	-118.1	362.0	lt. brown	none
1250	2.5		21.32	17.9	3.08	234.4	6.51	-110.8	391.5	lt brown	none
1255	3.0		21.38	17.9	3.19	233.5	6.50	-100.8	365.2	lt brn	none
1300	3.5		21.38	17.9	3.20	232.0	6.49	-108.2	372.1	lt brn	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: Mike deKozlowski / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1310	SAMPLING ENDED AT: 1320
PUMP OR TUBING DEPTH IN WELL (feet): 25'	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)					
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-74	4	AG	40 mL	HCL	40 mL x 4	6.49	6200	ESP	0.1
1	3	AG	40 mL	HCL	40 mL x 3	1	VPH	1	1
	1	PE	250 mL	HNO_3	250 mL	1	Lead by 6010		1

REMARKS: TD=31.82

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
WELL NO: mw-75	DATE: 02/15/2021

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 31 feet to 76 feet	DEPTH TO WATER (feet): 38.06	PUMP TYPE OR BAILER:
PUMP DEPTH IN WELL (feet): 43	PURGING INITIATED AT:	PURGING ENDED AT:		TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	–	–
1050	1.00	0.1	39.75	16.6	2.95	224.9	6.11	-27.2	>1,000	brown	none
1055	0.5		39.25	17.1	2.59	225.0	6.07	-25.3	>1,000	1	1
1102	1.0		39.75	17.6	2.19	223.9	6.06	-21.7	>1,000	1	1
1107	1.5		40.20	18.1	2.27	222.3	6.03	-18.7	>1,000	1	1
1110	2.0		40.31	18.4	2.24	222.9	6.08	-17.6	>1,000	1	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: Andrea Cimalia / Aecom	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1115	SAMPLING ENDED AT: 1135
PUMP OR TUBING DEPTH IN WELL (feet): 43	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)					
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-75	4	AG	40 mL	HCL	40 mL x 4		6200	ESP	0.1
1	3	AG	40 mL	HCL	40 mL x 3		VPH	1	1
1	1	PE	250 mL	HNO_3	250 mL		Lead by 6010	1	1

REMARKS: High Turbidity, newly installed well

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
WELL NO: MW-76	DATE: 2/15/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: feet to feet	DEPTH TO WATER (feet): 29.64	PUMP TYPE OR BAILER: Monsoon pump
PUMP DEPTH IN WELL (feet): 35	PURGING INITIATED AT: 1135	PURGING ENDED AT: 1205		TOTAL VOLUME PURGED (gallons): 5

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1135	0	0	29.64	15.8	7.83	250.6	6.31	-9.4	>1100	brown	none
1140	1.25	0.25	30.35	16.3	10.34	242.7	6.12	15.1	>1100	brown	none
1155	2.5	1	30.62	16.3	10.88	239.9	5.90	73.4	>1100	brown	none
1200	3.75	1	30.52	16.4	10.08	241.2	5.91	72.0	>1100	brown	none
1205	5	1	30.54	16.5	10.11	239.0	5.86	83.5	>1100	brown	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	SAMPLING INITIATED AT: 1205	SAMPLING ENDED AT: 1210
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)					
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-76	4	AG	40 mL	HCL	40 mL x 4	5.86	6200	ESP	0.25
"	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)

TD: ~~39~~ 48

APPENDIX D

WELL ABANDONMENT RECORDS

WELL ABANDONMENT RECORD

This form can be used for single or multiple wells

1. Well Contractor Information:

Cascade Drilling
Well Contractor Name (or well owner personally abandoning well on his/her property)

NCWC 4525-A
NC Well Contractor Certification Number

Cascade Drilling, LP
Company Name

2. Well Construction Permit #: 10011899
List all applicable well permits (i.e. County, State, Variance, Injection, etc.) if known

3. Well use (check well use):

Water Supply Well:
- ☐ Agricultural
- ☐ Geothermal (Heating/Cooling Supply)
- ☐ Industrial/Commercial
- ☐ Irrigation
- ☐ Municipal/Public
- ☐ Residential Water Supply (single)
- ☐ Residential Water Supply (shared)

Non-Water Supply Well:
- ☐ Monitoring
- ☐ Recovery

Injection Well:
- ☐ Aquifer Recharge
- ☐ Aquifer Storage and Recovery
- ☐ Aquifer Test
- ☐ Experimental Technology
- ☐ Geothermal (Closed Loop)
- ☐ Geothermal (Heating/Cooling Return)
- ☐ Groundwater Remediation
- ☐ Salinity Barrier
- ☐ Stormwater Drainage
- ☐ Subsidence Control
- ☐ Tracer
- ☐ Other (explain under 7g)

4. Date well(s) abandoned: 1-25-2021

5a. Well location:

Colonial Pipeline
Facility/Owner Name

Facility ID# (if applicable)

14108 Huntersville-Concord Road
Physical Address, City, and Zip

Mecklenburg County
County

Parcel Identification No. (PIN)

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

35.413234 N 80.805662 W

CONSTRUCTION DETAILS OF WELL(S) BEING ABANDONED

Attach well construction record(s) if available. For multiple injection or non-water supply wells ONLY with the same construction abandonment, you can submit one form.

6a. Well ID#: _____

6b. Total well depth: 41 (ft.)

6c. Borehole diameter: 12 (in.)

6d. Water level below ground surface: 30 (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. Number of wells being abandoned: one
For multiple injection or non-water supply wells ONLY with the same construction abandonment, you can submit one form.

7b. Approximate volume of water remaining in well(s): _____ (gal.)

FOR WATER SUPPLY WELLS ONLY:

7c. Type of disinfectant used: chlorine pastes

7d. Amount of disinfectant used: roughly quarter gallon

7e. Sealing materials used (check all that apply):
- ☐ Neat Cement Grout
- ☐ Sand Cement Grout
- ☑ Concrete Grout
- ☐ Specialty Grout
- ☐ Bentonite Slurry
- ☑ Bentonite Chips or Pellets
- ☐ Dry Clay
- ☐ Drill Cuttings
- ☐ Gravel
- ☐ Other (explain under 7g)

7f. For each material selected above, provide amount of materials used:

50 bags of chips.
1 bag of portland cement.

7g. Provide a brief description of the abandonment procedure:

dig out and remove 3' of cement casing after chipping up to upper 3' of cement casing. / bust off casing / mix concrete / pour on top to make plug.

8. Certification:

Donald G. Myhre
Signature of Certified Well Contractor or Well Owner

1-25-2021
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.

WELL ABANDONMENT RECORD

1. Well Contractor Information:
michael estes
Well Contractor Name (or well owner personally abandoning well on his/her property)

4445-b
NC Well Contractor Certification Number

mccall brothers
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: 2/9/2021

5a. Well location:
Colonial Pipeline Company
Facility/Owner Name — Facility ID# (if applicable)

14015 asbury chapel 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#: _____

6b. Total well depth: 180 (ft.)

6c. Borehole diameter: 6 (in.)

6d. Water level below ground surface: 40 (ft.)

6e. Outer casing length (if known): 50 (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:
43 bags bentonite chips
1 bag quickrete

7g. Provide a brief description of the abandonment procedure:
dig down,cut casing,pour bentonite and finish with concrete cap

8. Certification:
[signature] — 2/9/2021
Signature of Certified Well Contractor or Well Owner — 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.

WELL ABANDONMENT RECORD

For Internal Use ONLY:

1. Well Contractor Information:
michael estes
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: 2/12/2021

5a. Well location:
Colonial Pipeline Company
Facility/Owner Name

Facility ID# (if applicable)

14108 huntersville-concord 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)

35.41307 N -80.80547 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: 35 (ft.)

6c. Borehole diameter: 2 (in.)

6d. Water level below ground surface: 0 (ft.)

6e. Outer casing length (if known): _____ (ft.)

6f. Inner casing/tubing length (if known): _____ (ft.)

6g. Screen length (if known): _____ (ft.)

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:
2 bags granular bentonite

7g. Provide a brief description of the abandonment procedure:
dig around casing and cut off below grade,made a containment for water,chlorinated,mix bentonite slurry and pumped from bottom of well to top

8. Certification:

Signature of Certified Well Contractor or Well Owner

2/12/2021
Date

By signing this form, I hereby certify that the well(s) was (were) abandoned in accordance with 15A NCAC 02C .0108 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

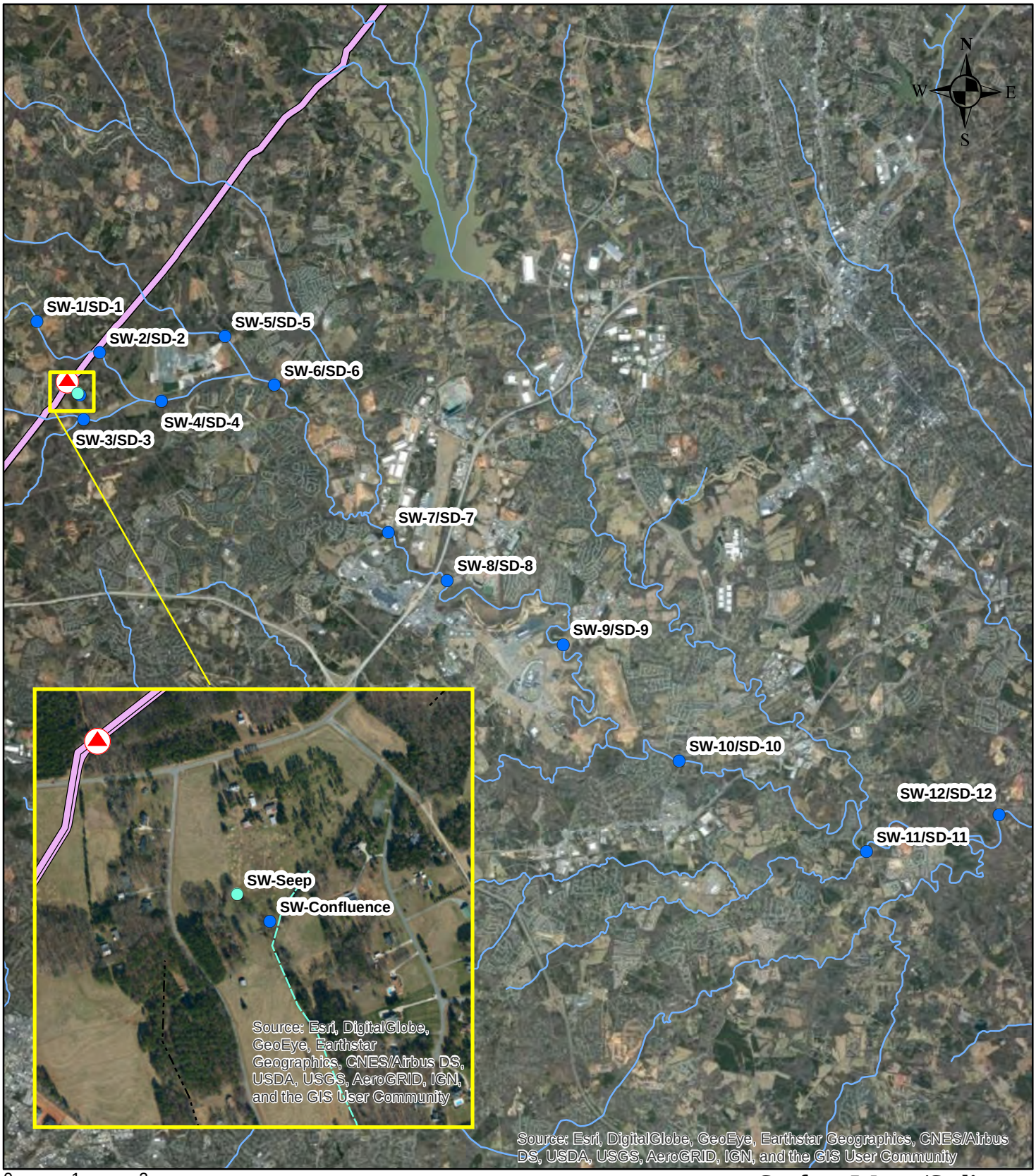
10b. For Injection Wells: In addition to sending the form to the address in 10a above, also submit one copy of this form within 30 days of completion of well abandonment to the following:

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

Legend

- Approximate Leak Site
- Surface Water (SW)/Sediment (SD) Sampling Location
- Seep Sampling Location
- Colonial Pipeline
- Ephemeral Stream
- Incise Valley
- Rivers and Streams

Surface Water/Sediment Sampling Locations

2020-L1-SR2448 Incident
Huntersville, NC

Environmental Planning Specialists, Inc.

Figure No. 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-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
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

Note:
(1) Last update: 11/05/2020

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
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

Note:
(1) Last update: 11/05/2020

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
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

Note:
(1) Last update: 11/05/2020

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
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	
		8/22/2020	<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	
		8/22/2020	<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	
		8/22/2020	<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	
		8/22/2020	<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	
		8/22/2020	<80	<1	<1	<1	<2	<1	<1	

Note:
(1) Last update: 11/05/2020

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
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

	Sample collected, results pending
x	Rainfall event

Note:
(1) Last update: 11/05/2020

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
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	N/A	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

Note:
(1) Updated 10/23/2020.
Red Text: malfunctioning equipment or misrecorded value
ORWQM: Outside the range of the water quality meter (over 1000 NTU)

Table 2. Surface Water General Parameter Measurements
2020-L1-SR2448 Incident

Location ID	Description	Date	Temperature (°C)	pH (STU)	ORP (mV)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Rain Event
SW-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
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

Note:
(1) Updated 10/23/2020.
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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
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

Note:
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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
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	

Note:
(1) Updated 10/23/2020.
Red Text: malfunctioning equipment or misrecorded value
ORWQM: Outside the range of the water quality meter (over 1000 NTU)

Table 2. Surface Water General Parameter Measurements
2020-L1-SR2448 Incident

Location ID	Description	Date	Temperature (°C)	pH (STU)	ORP (mV)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Rain Event
SW-11	Rocky River (Downgradient of Mallard Creek)	8/15/2020	25.01	7.60	125	0.155	7.15	143	
		8/16/2020	24.24	7.02	153	0.086	5.33	466	
		8/17/2020	23.20	7.3	128	0.112	6.82	144	
		8/18/2020	23.6	7.59	121	0.143	6.36	90.5	
		8/19/2020	23.4	7.11	191	0.151	4.2	105	
		8/20/2020	23.06	7.55	201	0.098	5.05	359	
		8/21/2020	23.33	6.88	198	0.143	3.67	48.9	
		8/22/2020	23.28	7.58	124	0.139	6.29	55.6	
SW-12	Rocky River (Downgradient of Back Creek)	8/15/2020	25.03	7.61	130	0.159	6.98	157	
		8/16/2020	24.22	7.22	150	0.091	6.01	433	
		8/17/2020	23.10	7.45	121	0.105	6.74	152	
		8/18/2020	23.73	7.73	120	0.141	7.07	117	
		8/19/2020	23.31	6.9	226	0.153	5.45	56.8	
		8/20/2020	23.12	7.72	119	0.096	5.83	565	
		8/21/2020	23.36	6.38	266	0.138	4.66	51.3	
		8/22/2020	23.27	7.74	124	0.148	6.11	93.7	
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
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

Note:
(1) Updated 10/23/2020.
Red Text: malfunctioning equipment or misrecorded 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 - January 30, 2020)

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 1/30/21	--	640,478
Frac Tank Gauging PCW Through 1/30/21	--	396,962
Total Fluids Shipped to STAT Facility for Bulking Through 1/30/2021	821,182	--
PCW Shipped by Legacy to HCC Through 01/30/2021	272,831	--
PCW Shipped by Legacy to Legacy Through 01/30/2021	33,628	--
Combined Total Liquids Removed Through 1/30/21 vs. Gauging	1,127,641	1,128,370
PCW Shipped to Aaron Oil Through 01/30/2021(1)	146,778	--

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 to Legacy.

See Table 4 for summary of shipments by Legacy to HCC.

See Table 5 for summary of soil shipped to Republic Services.

See Table 6 for summary of liquids shipped to Aaron Oil.

(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 - Janaury 30, 2021)

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

Date	Gallons	Bill of Lading No.	Bill of Lading Previously Provided
8/15/2020	5,230	9359	x
8/15/2020	4,300	9360	x
8/15/2020	4,500	9362	x
8/15/2020	4,700	9364	X
8/16/2020	5,500	8753	X
8/16/2020	4,500	8641	X
8/16/2020	4,700	9240	X
8/16/2020	4,500	8752	X
8/16/2020	5,500	9717	X
8/16/2020	5,030	9504	X
8/16/2020	5,010	9503	X
8/16/2020	4,750	9501	X
8/16/2020	5,200	8668	X
8/16/2020	5,178	8642	X
8/16/2020	5,150	9348	X
8/17/2020	4,500	7211	X
8/17/2020	3,230	9509	X
8/17/2020	5,345	9510	X
8/17/2020	4,500	8667	X
8/18/2020	5,460	9719	X
9/4/2020	4,311	9547	X
9/4/2020	2,783	9555	X
9/6/2020	5,279	9556	X
9/6/2020	3,589	9546	X
9/9/2020	4,964	9553	X
9/9/2020	5,264	9554	X
9/11/2020	5,333	9570	X
9/12/2020	4,964	9568	X
9/14/2020	4,797	9567	X
9/14/2020	4,479	9565	X
9/15/2020	5,712	9560	X
9/16/2020	4,908	9561	X
9/18/2020	5,015	9562	X
9/18/2020	4,908	9563	X
9/21/2020	5,375	9572	X
9/21/2020	5,045	9564	X
9/21/2020	5,691	9559	X

Table 2
Summary of Liquids Removed by STAT
(August 15, 2020 - Janaury 30, 2021)

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

Date	Gallons	Bill of Lading No.	Bill of Lading Previously Provided
9/21/2020	5,045	9571	X
9/22/2020	5,326	9558	X
9/25/2020	5,122	9573	X
9/25/2020	5,121	9574	X
9/25/2020	5,423	15511	X
9/28/2020	5,539	9576	X
9/28/2020	5,606	9575	X
9/30/2020	5,423	9583	X
9/30/2020	5,086	9582	X
10/2/2020	5,516	9581	X
10/2/2020	5,447	9580	X
10/5/2020	5,470	9579	X
10/5/2020	5,149	9589	X
10/6/2020	5,670	9588	X
10/6/2020	5,086	9587	X
10/7/2020	5,043	9586	X
10/8/2020	5,712	9585	X
10/9/2020	5,016	9584	X
10/12/2020	5,516	9578	X
10/12/2020	5,649	9590	X
10/13/2020	5,628	9591	X
10/15/2020	5,606	9592	X
10/16/2020	5,493	9593	X
10/16/2020	5,423	9594	X
10/20/2020	5,562	15506	X
10/20/2020	5,493	15510	X
10/22/2020	5,423	9595	X
10/22/2020	5,606	204	X
10/23/2020	5,649	203	X
10/23/2020	5,691	9596	X
10/26/2020	4,142	9600	X
10/26/2020	5,695	202	X
10/27/2020	5,617	9599	X
10/27/2020	5,695	201	X
10/30/2020	5,448	207	X
10/30/2020	5,492	9597	X
11/2/2020	5,767	206	X

Table 2
Summary of Liquids Removed by STAT
(August 15, 2020 - Janaury 30, 2021)

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

Date	Gallons	Bill of Lading No.	Bill of Lading Previously Provided
11/2/2020	5,695	205	X
11/2/2020	4,145	9598	X
11/3/2020	5,448	231	X
11/4/2020	5,403	230	X
11/5/2020	5,617	229	X
11/6/2020	5,448	228	X
11/9/2020	5,492	232	X
11/9/2020	5,535	227	X
11/11/2020	5,535	240	X
11/11/2020	5,492	233	X
11/13/2020	5,577	237	X
11/13/2020	5,492	236	X
11/16/2020	5,448	235	X
11/17/2020	5,492	208	X
11/18/2020	5,577	234	X
11/18/2020	5,802	241	X
11/19/2020	5,215	242	X
11/19/2020	5,358	243	X
11/23/2020	5,535	244	X
11/24/2020	5,492	245	X
11/25/2020	5,215	246	X
11/25/2020	5,403	247	X
11/30/2020	5,535	248	X
11/30/2020	5,492	249	X
12/1/2020	5,577	250	X
12/1/2020	5,555	251	X
12/3/2020	5,657	252	X
12/3/2020	5,535	253	X
12/4/2020	5,617	254	X
12/7/2020	5,535	255	X
12/8/2020	5,264	256	X
12/9/2020	5,535	257	X
12/10/2020	5,264	258	X
12/11/2020	5,577	259	X
12/14/2020	5,617	260	X
12/15/2020	5,695	261	X
12/17/2020	5,577	262	X

Table 2
Summary of Liquids Removed by STAT
(August 15, 2020 - Janaury 30, 2021)

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

Date	Gallons	Bill of Lading No.	Bill of Lading Previously Provided
12/17/2020	5,802	263	X
12/18/2020	5,617	264	X
12/21/2020	5,358	265	X
12/22/2020	5,555	266	X
12/22/2020	5,000	267	X
12/22/2020	5,535	268	X
12/23/2020	5,577	269	X
12/23/2020	5,000	270	X
12/23/2020	5,577	271	X
12/28/2020	5,535	272	X
12/28/2020	5,617	274	X
12/28/2020	5,000	273	X
12/29/2020	5,802	275	X
12/30/2020	5,120	277	X
12/31/2020	5,864	276	X
1/4/2020	5,695	280	X
1/4/2020	5,543	279	X
1/4/2020	5,535	278	X
1/5/2021	5,732	282	X
1/5/2021	4,682	281	X
1/7/2021	5,577	283	X
1/9/2021	5,492	285	X
1/10/2021	5,577	284	X
1/11/2021	5,264	286	X
1/13/2021	5,617	289	X
1/14/2021	5,535	290	X
1/15/2021	4,979	291	X
1/15/2021	5,291	292	X
1/16/2021	5,400	295	X
1/18/2021	5,264	296	
1/18/2021	5,400	293	
1/19/2021	5,577	298	
1/20/2021	5,535	299	
1/21/2021	5,577	297	
1/22/2021	5,695	300	
1/23/2021	5,732	225	
1/25/2021	5,492	223	

Table 2
Summary of Liquids Removed by STAT
(August 15, 2020 - Janaury 30, 2021)

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

Date	Gallons	Bill of Lading No.	Bill of Lading Previously Provided
1/25/2021	5,450	224	
1/26/2021	5,492	221	
1/26/2021	5,400	220	
1/27/2021	5,264	219	
1/28/2021	5,403	218	
1/29/2021	4,911	217	
1/29/2021	5,069	216	
Total	821,182		

BILL OF LADING

	1. 24 Hour Emergency # **STAT, INC.**	2. BOL # 00296
3. Shipper Name & Address CPL 14108 Huntersville Concord Rd Huntersville NC		4. Shipper's Phone
5. Carrier **STAT, INC.**		A. Carrier Phone #
7. Carrier		D. Carrier Phone
9. Consignee Name & Address STAT, INC 7550 Hickory Blvd Lenoir NC		F. Consignee Phone

HM	11. Base Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
✓	a. UN1993 Flammable liquid NOS (contains less than 10% gas + Water) PG III	01	T	5264	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	Signature	Date Month	Day	Year
Matt Watson	Matt Watson	1	18	21

17. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Charles Wilcox	Charles Wilcox	1	18	21

18. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

20. Consignee

Printed/Typed Name	Signature	Date Month	Day	Year
Allison Wike	Allison Wike	1	18	21

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BILL OF LADING

	1. 24 Hour Emergency # **STAT, INC.**	2. BOL # 00293
3. Shipper Name & Address CPC 14108 Huntersville Concord Rd Huntersville NC		4. Shipper's Phone
5. Carrier **STAT, INC.**		A. Carrier Phone #
7. Carrier		D. Carrier Phone
9. Consignee Name & Address STAT, INC 2550 Hickory Blvd Lenoir NC		F. Consignee Phone

HM	11. Base Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
X	a. UN1993 Flammable liquid NOS (Contains less than 10% gas + water) PGIII	01	TT	5400	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	Signature	Date Month	Day	Year
Matt Watson	Matt Watson	01	18	21

17. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Richard Hargler	Richard Hargler	01	18	21

18. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

20. Consignee

Printed/Typed Name	Signature	Date Month	Day	Year
Allison Wike	Allison Wike	1	18	21

BILL OF LADING

	1. 24 Hour Emergency # **STAT, INC.**	2. BOL # 00298
3. Shipper Name & Address: CPL 14108 Huntersville Concord Rd Huntersville NC		4. Shipper's Phone
5. Carrier **STAT, INC.**		A. Carrier Phone #
7. Carrier		D. Carrier Phone
9. Consignee Name & Address: STAT, INC 7556 Hickory Blvd Lenoir NC		F. Consignee Phone

HM	11. Base Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
X	a. UN1993 Flammable liquid NOS (Contains less than 10% ages + water) PG III	01	TT	EST. 5577	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	Signature	Date Month	Day	Year
Matt Watson	Matt Watson	01	19	21

17. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Charles Wilcox	Charles Wilcox	01	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	Signature	Date Month	Day	Year
Allison Wike	Allison Wike	1	19	21

BILL OF LADING

	1. 24 Hour Emergency # **STAT, INC.**	2. BOL # 00299
3. Shipper Name & Address CPL 14108 Huntersville Concord Rd Huntersville NC		4. Shipper's Phone
5. Carrier **STAT, INC.**		A. Carrier Phone #
7. Carrier		D. Carrier Phone
9. Consignee Name & Address STAT INC 2550 Hickory Blvd Lenoir NC 28645		F. Consignee Phone

HM	11. Base Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
X	a. UN1993 Flammable liquid NOS (contains less than 10%) PG III	01	TT	EST 5,535	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	Signature	Date Month	Day	Year
Matt Watson	Matt Watson	01	20	21

17. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Charles Wilcox	Charles Wilcox	01	20	21

18. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

20. Consignee

Printed/Typed Name	Signature	Date Month	Day	Year
Allison Wike	Allison Wike	1	20	21

BILL OF LADING

	1. 24 Hour Emergency # **STAT, INC.**	2. BOL # 00297
3. Shipper Name & Address: CPL 14108 Huntersville Concord Rd Huntersville NC		4. Shipper's Phone
5. Carrier **STAT, INC.**		A. Carrier Phone #
7. Carrier		D. Carrier Phone
9. Consignee Name & Address: STAT INC 7550 Hickory Blvd Hickory Lenoir NC		F. Consignee Phone

HM	11. Base Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
X	a. UN 1993 Flammable liquid NOS Contains less than 10 % gas & Water PG III	01	TT	EST. 5577	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	Signature	Date Month	Day	Year
Matt Watson	Matt Watson	01	21	21

17. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Charles Wilcox	Charles Wilcox	01	21	21

18. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

20. Consignee

Printed/Typed Name	Signature	Date Month	Day	Year
Allison Wike	Allison Wike	1	21	21

BILL OF LADING

	1. 24 Hour Emergency # **STAT, INC.**	2. BOL # 00300
3. Shipper Name & Address CAL 14108 Huntersville Concord Rd Huntersville NC		4. Shipper's Phone
5. Carrier **STAT, INC.**		A. Carrier Phone #
7. Carrier		D. Carrier Phone
9. Consignee Name & Address STAT INC 2550 Hickory Blvd Lenoir NC 28645		F. Consignee Phone

HM	11. Base Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
X	a. UN1993 Flammable Liquid NOS (Contains less than 10% gas/water) Pkg III	01	TT	EST. 5695	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	Signature	Date Month	Day	Year
Matt Watson	Matt Watson	01	22	21

17. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Charles Wilcox	Charles Wilcox	01	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	Signature	Date Month	Day	Year
Allison Wike	Allison Wike	1	22	21

BILL OF LADING

	1. 24 Hour Emergency # **STAT, INC.**	2. BOL # 00225
3. Shipper Name & Address CPL 14108 Huntersville Concord Rd Huntersville NC		4. Shipper's Phone
5. Carrier **STAT, INC.**		A. Carrier Phone #
7. Carrier		D. Carrier Phone
9. Consignee Name & Address STAT INC 2550 Hickory Blvd Lenoir NC 28645		F. Consignee Phone

HM	11. Base Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
X	a. UN1993 Flammable Liquid NOS (Contains Less Than 10% gas/water)(GTTL 01		TT	EST 5732	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	Signature	Date Month	Day	Year
Matt Watson	Matt Watson	01	23	21

17. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Charles Wilcox	Charles Wilcox	1	23	21

18. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

20. Consignee

Printed/Typed Name	Signature	Date Month	Day	Year
Allison Wike	Allison Wike	1	23	21

BILL OF LADING

	1. 24 Hour Emergency # **STAT, INC.**	2. BOL # 00223
3. Shipper Name & Address CR 14108 Huntersville Concord Rd Huntersville NC		4. Shipper's Phone
5. Carrier **STAT, INC.**		A. Carrier Phone #
7. Carrier		D. Carrier Phone
9. Consignee Name & Address STAT INC 2550 Hickory Blvd Lenoir NC 28645		F. Consignee Phone

HM	11. Base Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
X	a. UN1993 Flammable Liquid NOS (Contains Less than 100% gasoline) PG III	01	TT	55492	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	Signature	Date Month	Day	Year
Matt Watson	Matt Watson	01	25	21

17. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Charles Wilcox	Charles Wilcox	01	25	21

18. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

20. Consignee

Printed/Typed Name	Signature	Date Month	Day	Year
Keisha Kelly	Keisha Kelley	1	25	21

BILL OF LADING

	1. 24 Hour Emergency # **STAT, INC.**	2. BOL # 00224
3. Shipper Name & Address CR 1408 Huntersville (Concord) Rd Huntersville NC		4. Shipper's Phone
5. Carrier **STAT, INC.**		A. Carrier Phone #
7. Carrier		D. Carrier Phone
9. Consignee Name & Address STAT INC 2580 Hickory Blvd Lenoir NC 28645		F. Consignee Phone

HM	11. Base Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
X	a. UN1993 Flammable Liquid NOS (contains less than 10% gasoline) PG III	01	TI	EST 5450	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	Signature	Date Month	Day	Year
Matt Watson	Matt Watson	01	25	21

17. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
mark Harris	Mark Harris	01	25	21

18. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

20. Consignee

Printed/Typed Name	Signature	Date Month	Day	Year
Allison Wike	Allison Wike	1	25	21

BILL OF LADING

	1. 24 Hour Emergency # **STAT, INC.**	2. BOL # 00221
3. Shipper Name & Address CPL 14108 Huntersville Concord RD Huntersville NC		4. Shipper's Phone
5. Carrier **STAT, INC.**		A. Carrier Phone #
7. Carrier		D. Carrier Phone
9. Consignee Name & Address STAT INC 2550 Hickory Blvd Lenoir NC 28645		F. Consignee Phone

HM	11. Base Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
X	a. UN1993 Flammable Liquid NOS (Contains Less Than 10% Gasoline) PG III	01	TT	EST 5,492	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	Signature	Date (Month / Day / Year)
Matt Watson	Matt Watson	01 / 26 / 21

17. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)
Charles Wilcox	Charles Wilcox	01 / 26 / 21

18. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)

19. Discrepancy Indication Space

20. Consignee

Printed/Typed Name	Signature	Date (Month / Day / Year)
Kesha Kelly	Kesha Kelly	1 / 26 / 21

Frontank 114

BILL OF LADING

	1. 24 Hour Emergency # **STAT, INC.**	2. BOL # 00220
3. Shipper Name & Address CPL 14108 Huntersville Concord Rd Huntersville NC		4. Shipper's Phone
5. Carrier **STAT, INC.**		A. Carrier Phone #
7. Carrier		D. Carrier Phone
9. Consignee Name & Address STAT INC 2580 Hickory Blvd Lenoir NC 28645		F. Consignee Phone

HM	11. Base Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
X	a. UN1993 Flammable Liquid NOS (contains Less than 10% gasoline) PG III	01	T	5400	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	Signature	Date Month	Day	Year
Matt Watson	Matt Watson	01	26	21

17. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Richard Haigler	Richard Haigler	01	26	21

18. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

20. Consignee

Printed/Typed Name	Signature	Date Month	Day	Year
Allison Wike	Allison Wike	1	26	21

BILL OF LADING

	1. 24 Hour Emergency # **STAT, INC.**	2. BOL # 00219
3. Shipper Name & Address CDL 14108 Huntersville Concord RD Huntersville NC		4. Shipper's Phone
5. Carrier **STAT, INC.**		A. Carrier Phone #
7. Carrier		D. Carrier Phone
9. Consignee Name & Address STAT INC 2550 Hickory Blvd Lenoir NC 28645		F. Consignee Phone

HM	11. Base Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
X	a. UN1993 Flammable Liquid ~~NOS~~ NOS (contains Less than 10% gas/WATER) PGIII	01	TT	EST. 5264	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	Signature	Date Month	Day	Year
Matt Watson	Matt Watson	01	27	21

17. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Charles Wilcox	Charles Wilcox	01	27	21

18. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

20. Consignee

Printed/Typed Name	Signature	Date Month	Day	Year
Keisha Kelly	Keisha Kelley	1	27	21

BILL OF LADING

	1. 24 Hour Emergency # **STAT, INC.**	2. BOL # 00218
3. Shipper Name & Address CPL 14108 Huntersville Concord RD Huntersville NC		4. Shipper's Phone
5. Carrier **STAT, INC.**		A. Carrier Phone #
7. Carrier		D. Carrier Phone
9. Consignee Name & Address STAT INC 2550 HICKORY BLVD Lenoir NC 28645		F. Consignee Phone

HM	11. Base Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
X	a. UN1993 Flammable Liquid ~~NOT~~ NOS (Contains Less than 10% gas/water) PG III	01	TT	EST. 5403	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	Signature	Date Month	Day	Year
Jamie Lollis	Jamie Lollis	01	28	21

17. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Charles Wilcox	Charles Wilcox	01	28	21

18. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

20. Consignee

Printed/Typed Name	Signature	Date Month	Day	Year
Keisha Kelly	Keisha Kelly	1	28	21

BILL OF LADING

	1. 24 Hour Emergency # **STAT, INC.**	2. BOL # 00217
3. Shipper Name & Address CL 14108 Huntersville Concord Rd Huntersville NC		4. Shipper's Phone [redacted]
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 No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
X	a. UN1993 Flammable Liquid NOS Contains Less Than 10% gas (water) PG III 01		TT	EST 4911	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	Signature	Date Month	Day	Year
Jamie Lollis	[signature]	1	29	21

17. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Charles Wilcox	[signature]	01	29	21

18. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

20. Consignee

Printed/Typed Name	Signature	Date Month	Day	Year
Allison Wike	[signature]	1	29	21

BILL OF LADING

	1. 24 Hour Emergency # **STAT, INC.**	2. BOL # 00216
3. Shipper Name & Address CPL 14108 Huntersville Concord Rd Huntersville NC		4. Shipper's Phone
5. Carrier **STAT, INC.**		A. Carrier Phone #
7. Carrier		D. Carrier Phone
9. Consignee Name & Address STAT INK 2550 Hickory Blvd Lenoir NC 28645		F. Consignee Phone

HM	11. Base Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
X	a. UN1993 Flammable Liquid NOS Contains Less Than 10% gas/water) PG III	01	TT	EST 506	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	Signature	Date Month	Day	Year
Adam Harris		01	29	21

17. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Luther L Keller		01	29	21

18. Carrier Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

20. Consignee

Printed/Typed Name	Signature	Date Month	Day	Year
Allison Wike	Allison Wike	1	29	21

Table 3
Summary of Liquids Shipped to HCC
(January 01, 2021 - January 30, 2021)

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

Date	Gallons	Manifest No.	Manifest Previously Provided
12/21/2020	5,490	10547	X
12/21/2020	4,792	10508	X
12/28/2020	3,200	8937	X
12/28/2020	5,500	8938	X
12/31/2020	4,545	10536	X
1/3/2021	5,500	10553	X
1/3/2021	5,906	10554	X
1/4/2021	3,400	10552	X
1/4/2021	4,100	11002	X
1/5/2021	5,906	11000	X
1/5/2021	2,800	11001	X
1/6/2021	2,699	10551	X
1/7/2021	4,545	11004	X
1/9/2021	5,704	10537	X
1/9/2021	3,888	8944	X
1/9/2021	2,140	8945	X
1/10/2021	2,693	10538	X
1/11/2021	3,911	8951	X
1/12/2021	4,669	8952	X
1/13/2021	5,598	10555	X
1/13/2021	5,500	10556	X
1/14/2021	5,208	8974	X
1/14/2021	5,342	8975	X
1/15/2021	4,243	8977	X
1/15/2021	2,809	8978	X
1/15/2021	5,490	11051	X
1/15/2021	2,950	11052	X
1/16/2021	2,700	11053	X
1/16/2021	3,593	11054	X
1/16/2021	3,800	11055	X
1/17/2021	3,600	8954	
1/17/2021	2,700	8955	
1/17/2021	3,600	8956	
1/18/2021	2,700	8957	
1/18/2021	4,233	8958	
1/18/2021	3,390	8959	
1/18/2021	4,128	8960	
1/18/2021	2,160	11066	

Table 3
Summary of Liquids Shipped to HCC
(January 01, 2021 - January 30, 2021)

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

1/19/2021	3,788	8961	
1/19/2021	4,243	8962	
1/19/2021	3,783	8963	
1/20/2021	2,500	8964	
1/20/2021	3,800	8965	
1/20/2021	4,315	8966	
1/21/2020	2,772	8967	
1/21/2021	4,416	8968	
1/21/2021	3,868	8969	
1/21/2021	3,011	8987	
1/22/2021	4,372	8995	
1/22/2021	3,822	8996	
1/22/2021	2,717	8997	
1/23/2021	4,473	8990	
1/23/2021	2,763	8988	
1/23/2021	3,515	8989	
1/24/2021	4,512	8992	
1/24/2021	2,801	8991	
1/24/2021	3,927	8993	
1/25/2021	4,233	8986	
1/25/2021	3,692	8985	
1/25/2021	3,528	11056	
1/25/2021	2,835	8994	
1/26/2021	2,500	11057	
1/26/2021	3,696	9016	
1/26/2021	4,224	9015	
1/26/2021	5,800	8998	
1/27/2021	4,320	8999	
1/27/2021	3,620	9000	
1/27/2021	4,224	9001	
1/27/2021	3,840	9004	
1/28/2021	3,936	9007	
Total	274,978		

R-021414/49

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 8954
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 Legacy Environmental
ORIGINATING ADDRESS 1410 Huntersville Concord Rd
MAILING ADDRESS 2637 Graham St Charlotte
CITY Huntersville STATE NC ZIP
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

DESCRIPTION	SOLIDS	GALLONS	DRUMS	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE				
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		3600		
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.				
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.

Jeff Nusbaum - for Colonial — Generator Authorized Agent Name
Signature
01/17/21 — 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

a. Driver Name / Title Jason Spencer
b. Phone No. c. Truck No. VT-13
Hazardous Waste Transporter Permits
EPA NCD062536222
d. Driver Signature — 01/17/21 Shipment Date

TRANSPORTER II

e. Name
f. Address
g. Driver Name / Title Craig Lynch
h. Phone No. i. Truck No. VTTR-12
j. Transporter II Permit Nos.
Driver Signature — 01/18/ 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 1	DAY 18	YEAR 21

Legacy

R-021411/49

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 8955
Job No. 15000
P.O. No. 308734
Trk. No. BT120

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME Colonial Pipeline Legacy Enviro
ORIGINATING ADDRESS 1410 Huntersville Rd
MAILING ADDRESS 3635 Graham St Charlotte NC
CITY Huntersville STATE NC ZIP
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

DESCRIPTION	SOLIDS	GALLONS	DRUMS	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE				
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA	→	2700		
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.				
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.

Jeff Nusbaum - for Colonial — Generator Authorized Agent Name
Signature
01/17/21 — 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

a. Driver Name/Title Jeff Nusbaum
b. Phone No. c. Truck No. BT120
Hazardous Waste Transporter Permits
EPA NCD062536222
d. Jeff Nusbaum — Driver Signature
01/17/21 — Shipment Date

TRANSPORTER II

e. Name
f. Address
g. Driver Name/Title Craig Lynch
h. Phone No. i. Truck No. TR-12
j. Transporter II Permit Nos.
Craig Lynch — Driver Signature
01/18/21 — Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name:	Legacy Envir. Serv.	HCC
Physical Address:	3637 N. Graham Street	3115 Speedway CT
	Charlotte, NC 28206	Concord

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 1	DAY 18	YEAR 21

Legacy

R-021414/35

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 8956
Job No. 15000
P.O. No. 308734
Trk. No. UT-17

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME Colonial Pipeline Legacy
ORIGINATING ADDRESS 1410 Huntersville/Concord Rd
MAILING ADDRESS 2637 Graham St
CITY Huntersville STATE NC ZIP
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

DESCRIPTION	SOLIDS	GALLONS	DRUMS	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE				
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		2600		
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.				
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.

Jeff Nusbaum — Generator Authorized Agent Name
Signature
01/17/21 — 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

a. Driver Name/Title Jason Spencer
b. Phone No. c. Truck No. UT-17
Hazardous Waste Transporter Permits
EPA NCD062536222
d. Driver Signature — 01/17/21 Shipment Date

TRANSPORTER II

e. Name
f. Address
g. Driver Name/Title Craig Lynch
h. Phone No. i. Truck No. TR-12
j. Transporter II Permit Nos.
Craig Lynch — Driver Signature
01/18/21 — 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 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 1	DAY 18	YEAR 21

Legacy

R-021425/99

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 8957
Job No. 15000
P.O. No. 308734
Trk. No.

NON-HAZARDOUS SPECIAL WASTE

GENERATOR (Generator complete all of Section I)

Section I.

GENERATOR LOCATION
NAME LEGACY ENVIRONMENTAL COLONIAL PIPELINE
ORIGINATING ADDRESS
MAILING ADDRESS
CITY HUNTERSVILLE STATE NC ZIP
PHONE NO.
CONTACT NAME JOHN COLBREATH
DES. OF WASTE: PETRO CONTACT LATER

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME COLONIAL OFFICE
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE				
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		2700		
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.				
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.

Randy McCord
Generator Authorized Agent Name

Signature

01 18 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

a. Driver Name / Title Elisco Mejia
b. Phone No. c. Truck No. BT120
Hazardous Waste Transporter Permits
EPA NCD062536222
d. Driver Signature

01 18 21
Shipment Date

TRANSPORTER II

e. Name
f. Address
g. Driver Name / Title Edwin Villatoro
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.
Driver Signature

01 18 21
Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name:	Legacy Envir. Serv.	HCC
Physical Address:	3637 N. Graham Street	2115 Speedway Ct.
	Charlotte, NC 28206	Concord, NC

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 1	DAY 18	YEAR 21

Legacy

R-021425/99

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 8958
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 LEGACY ENVIRONMENTAL COLONIAL PIPELINE
ORIGINATING ADDRESS
MAILING ADDRESS
CITY HUNTERSVILLE STATE NC ZIP
PHONE NO.
CONTACT NAME JOHN COLBREATH
DES. OF WASTE: PETRO CONTACT WATER

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME COLONIAL DIRECT
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE				
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		[illegible]	4233.6	
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.				
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.

Randy McCord — Generator Authorized Agent Name
Signature
01/18/21 — 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

a. Driver Name / Title DAVID HARRIS
b. Phone No. c. Truck No. VT-13
Hazardous Waste Transporter Permits
EPA NCD082536222
d. Driver Signature — 01/18/21 — Shipment Date

TRANSPORTER II
e. Name
f. Address
g. Driver Name / Title Edwin Villafane
h. Phone No. i. Truck No. TR-15/TRL-20
j. Transporter II Permit Nos.
Driver Signature — 01/18/20 — Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: ~~Legacy Envir. Serv.~~ HCC
Physical Address: ~~3637 N. Graham Street~~ 2115 Speedrail CT.
~~Charlotte, NC 28206~~ Concord N.C.

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 1	DAY 18	YEAR 21

R-021426/49

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 8959
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 Huntersville Concord Rd
MAILING ADDRESS 3637 N Graham
CITY Charlotte STATE NC ZIP 28206
PHONE NO.
CONTACT NAME
DES. OF WASTE: PCW

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE				
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		3390		3390
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.				
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.

Generator Authorized Agent Name | Signature | Shipment Date: 01/18/21

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

a. Driver Name / Title: Brandon Eddins
b. Phone No. c. Truck No. VT-12
Hazardous Waste Transporter Permits
EPA NCD062536222
d. Driver Signature | Shipment Date: 01/18/21

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 1	DAY 18	YEAR 21

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

R-021428/99

Manifest No. 8960
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 Legacy Environmental / Colonial pipeline
ORIGINATING ADDRESS Huntersville
MAILING ADDRESS 3637 N Graham st
CITY ~~Huntersville~~ CLT STATE NC ZIP
PHONE NO.
CONTACT NAME John Cuelbreath

WORK CONTRACTED BY
Bill To (If different from information at left)

NAME Colonial
ADDRESS
CITY BILL STATE ZIP
PHONE NO.
CONTACT NAME DIRECT

DES. OF WASTE:

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE				
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		4128		4128
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.				
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.

Elisco Negra — Generator Authorized Agent Name
Signature
01/18/21 — 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

a. Driver Name / Title Brandon Eddins
b. Phone No. ~~[redacted]~~ c. Truck No. VT/3
Hazardous Waste Transporter Permits
EPA NCD062536222
d. Driver Signature — 01/18/21 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.		a. Phone No.	704-361-5837
Physical Address:	3637 N. Graham Street Charlotte, NC 28206	HCC Heritage Crystal Clean	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 1	DAY 18	YEAR 21

Legacy

R-021413/98

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 11066
Job No. _____
P.O. No. _____
Trk. No. _____

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION
NAME Legacy Environmental
ORIGINATING ADDRESS 3637 N. Graham St
MAILING ADDRESS _____
CITY Charlotte STATE _____ ZIP _____
PHONE NO. _____
CONTACT NAME _____
DES. OF WASTE: Petroleum Water

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE NO. _____
CONTACT NAME _____

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS QUANTITY	GALLONS QUANTITY	DRUMS QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE				
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		2160		
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.				
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.

Generator Authorized Agent Name _____ Signature _____ Shipment Date 01/18/21

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

a. Driver Name / Title Edwin Villatoro
b. Phone No. _____ c. Truck No. VT-16
Hazardous Waste Transporter Permits
EPA NCD062536222
d. _____ Driver Signature 01/18/21 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 1	DAY 18	YEAR 21

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

R-021447/99

Manifest No. 8961
Job No. 15000
P.O. No. 308734
Trk. No.

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION
NAME Colonial Pipeline
ORIGINATING ADDRESS Huntersville Rd
MAILING ADDRESS
CITY Huntersville STATE NC ZIP
PHONE NO.
CONTACT NAME
DES. OF WASTE: petroleum contact water

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME Bill Colonial
ADDRESS
CITY DIRECT STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS QUANTITY	GALLONS QUANTITY	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. UN 1993, Combustible Liquids, N.O.S.		2686		2686
9. (Contains less than___percent diesel fuel),				
10. 3, PG III				

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.

Crafton Watts — Generator Authorized Agent Name

Signature

01/19/21 — 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

a. Driver Name/Title Brandon Eddins
b. Phone No. c. Truck No. B-120
Hazardous Waste Transporter Permits
EPA NCD062536222
d. Driver Signature — 01/19/21 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 1	DAY 19	YEAR 21

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

R-021447/99

Manifest No. 8962
Job No. 15000
P.O. No. 308734
Trk. No.

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION
NAME Colonial Pipeline
ORIGINATING ADDRESS Huntersville Rd
MAILING ADDRESS
CITY Huntersville STATE NC ZIP
PHONE NO.
CONTACT NAME
DES. OF WASTE: Petroleum Contact water

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME Bill Colonial
ADDRESS DIRECT
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS QUANTITY	GALLONS QUANTITY	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. UN 1993, Combustible Liquids, N.O.S.		4243		4243
9. (Contains less than__percent diesel fuel),				
10. 3, PG III				

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.

Brandon Griffin
Generator Authorized Agent Name

Signature

01 19 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

a. Driver Name/Title Viktor Busche
b. Phone No. c. Truck No. VT-13
Hazardous Waste Transporter Permits
EPA NCD062536222
d. Driver Signature
01 19 21
Shipment Date

TRANSPORTER II
e. Name Legacy
f. Address 3637 N Graham St
Charlotte, NC, 28237
g. Driver Name/Title Brandon Eddins
h. Phone No. i. Truck No. VT-13
j. Transporter II Permit Nos.
EPA NCD062536222
Driver Signature
01 19 21
Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: Legacy Envir. Serv. HCC
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 1	DAY 19	YEAR 21

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

R-021441/99

Manifest No. 8963
Job No. 15000
P.O. No. 308734
Trk. No.

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION
NAME Colonial Pipeline / Legacy
ORIGINATING ADDRESS Huntersville Rd
MAILING ADDRESS 3637 N Graham st
CITY Huntersville Charlotte STATE NC ZIP
PHONE NO.
CONTACT NAME
DES. OF WASTE: Petroleum Contact Water

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME Bill Colonial
ADDRESS DIRECT
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	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 ___ percent diesel fuel),		3993		3993
10. 3, PG III				

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.

Brandon Griffin
Generator Authorized Agent Name

Signature

01 19 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

a. Driver Name / Title Brandon Eddins
b. Phone No. ——— c. Truck No. VT-12
Hazardous Waste Transporter Permits
EPA NCD062536222
d. Driver Signature
01 19 21
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 1	DAY 19	YEAR 21

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

R-021462/09

Manifest No. 8964

Job No.

P.O. No.

Trk. No.

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME Colonial Pipeline/Legacy Environmental
ORIGINATING ADDRESS Huntersville Concord Rd
MAILING ADDRESS 3637 N Graham St
CITY Charlotte STATE NC ZIP 28206
PHONE NO.
CONTACT NAME John Culbreth
DES. OF WASTE: PCW

WORK CONTRACTED BY
Bill To (If different from information at left)

NAME Colonial Direct
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS QUANTITY	GALLONS QUANTITY	DRUMS QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE				
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		~~2500~~		
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___percent diesel fuel),		2500		2500
10. 3, PG III				

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.

Brandon Griffin
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. B120

Hazardous Waste Transporter Permits
EPA NCD062536222

d. Driver Signature 01/20/21
Shipment Date

TRANSPORTER II

e. Name
f. Address
g. Driver Name/Title Donnie Adams
h. Phone No. i. Truck No. TR15/TRL13
j. Transporter II Permit Nos.

Driver Signature 01/20/21
Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name:	Legacy Envir. Serv.	HCC
Physical Address:	3637 N. Graham Street	2115 Spoonbill Ct.
	Charlotte, NC 28206	Concord, NC

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 1	DAY 20	YEAR 21

Legacy

R-021462/93

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 8965
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 / Legacy Enviro
ORIGINATING ADDRESS Huntersville Concord Rd
MAILING ADDRESS 3637 N Graham St
CITY Charlotte STATE NC ZIP 28206
PHONE NO.
CONTACT NAME John Culbreth
DES. OF WASTE: PCW

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME Colonial / Direct
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	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.				
9. UN 1993, Combustible Liquids, N.O.S. (Contains less than___percent diesel fuel), 3, PG III		3800		3800
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.

* Frederick Alvarenga — Generator Authorized Agent Name
* Frederick Alvarenga — Signature
01/20/21 — 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

a. Driver Name / Title: Brandon Eddins
b. Phone No. c. Truck No. UT-12
Hazardous Waste Transporter Permits
EPA NCD062536222
d. Driver Signature — 01/20/21 Shipment Date

TRANSPORTER II
e. Name
f. Address
g. Driver Name / Title: Donnie Adams
h. Phone No. i. Truck No. TRIS/TRL 13
j. Transporter II Permit Nos.
Driver Signature — 01/20/21 Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name:	Legacy Envir. Serv.	HCC
Physical Address:	3637 N. Graham Street	2115 Speedway C
	Charlotte, NC 28206	Concord, NC

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 1	DAY 20	YEAR 21

Legacy

R-021460/94

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 8966
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 Huntersville Concord Rd
MAILING ADDRESS
CITY Huntersville STATE NC ZIP
PHONE NO.
CONTACT NAME
DES. OF WASTE: petroleum contact water

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME Bill Colonial
ADDRESS DIRECT
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	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__percent diesel fuel), 3, PG III~~	→	4315	→	4315
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.

Brandon Griffin
Generator Authorized Agent Name

Signature

01/20/21
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

a. Driver Name / Title Brandon Eddins
b. Phone No. c. Truck No. VT-13
Hazardous Waste Transporter Permits
EPA NCD062536222
d. Driver Signature 01/20/21 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.		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 1	DAY 20	YEAR 21

Legacy

R-021466/99

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 8967
Job No. 15000
P.O. No. 30 8734
Trk. No. B-120

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION
NAME Colonial Pipeline / Legacy
ORIGINATING ADDRESS Huntersville Concord Rd
MAILING ADDRESS 3637 N Graham St
CITY Huntersville Charlotte STATE NC ZIP
PHONE NO.
CONTACT NAME
DES. OF WASTE: petroleum contact water

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME Bill Colonial
ADDRESS DIRECT
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS QUANTITY	GALLONS QUANTITY	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. UN 1993, Combustible Liquids, N.O.S.				
9. (Contains less than___percent diesel fuel),	→	2722	→	2722
10. 3, PG III				

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.

Brandon Griffin
Generator Authorized Agent Name

Signature

0 1 2 1 2 1
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. B-120
Hazardous Waste Transporter Permits
EPA NCD062536222
d. Driver Signature
0 1 2 1 2 1
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.	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 1	DAY 21	YEAR 21

3

Legacy

R-021475/99

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 8968
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/Legacy
ORIGINATING ADDRESS Huntersville - Concord Rd
MAILING ADDRESS 3637 N Graham St
CITY Huntersville Charlotte STATE NC ZIP
PHONE NO.
CONTACT NAME
DES. OF WASTE:

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME Bill Colonial
ADDRESS DIRECT
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS QUANTITY	GALLONS QUANTITY	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. ~~UN 1993, Combustible Liquids, N.O.S. (Contains less than ___ percent diesel fuel), 3, PG III~~	→	4416	→	4416
9.				
0.				

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 escribed, 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 azardous 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 hazardous waste as defined by 40 CFR Part 261.

Brandon Griffin — Generator Authorized Agent Name
Signature
Shipment Date: 01/21/21

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

Driver Name/Title Brandon Eddins
Phone No. ___ c. Truck No. UT13
zardous Waste Transporter Permits
'A NCD062536222
Driver Signature
Shipment Date: 01/21/21

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

ection IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

e Name: Legacy Envir. Serv.
ysical 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

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 ducts 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 eration. (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 product should be processed within seven days.

GNATURE OF FACILITY AGENT Greg Taylor | DATE | MONTH 1 | DAY 21 | YEAR 21

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 8969
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 / Legacy Envirno
ORIGINATING ADDRESS Huntersville Concord Rd
MAILING ADDRESS 365 / N Graham St
CITY Huntersville Charlotte STATE NC ZIP
PHONE NO.
CONTACT NAME
DES. OF WASTE:

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME Bill Colonial
ADDRESS DIRECT
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS QUANTITY	GALLONS QUANTITY	DRUMS QUANTITY	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE				
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		3868		
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 ___ percent diesel fuel), 3, PG III	→	3868	→	3868
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.

Brandon Griffin — Generator Authorized Agent Name
Signature
0 1 2 1 2 1 — 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

a. Driver Name / Title Brandon Eddins
b. Phone No. ___ c. Truck No. VT 12
Hazardous Waste Transporter Permits
EPA NCD062536222
d. Driver Signature — 0 1 2 1 2 1 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

c. 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 1	DAY 21	YEAR 21

4

21480

R-021184/99

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 8987
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 / Legacy Enviro
ORIGINATING ADDRESS Huntersville - Concord Rd
MAILING ADDRESS 3637 N Graham st
CITY ~~Huntersville~~ Charlotte STATE NC ZIP 28206
PHONE NO.
CONTACT NAME

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME Bill Colonial
ADDRESS
CITY DIRECT STATE ZIP
PHONE NO.
CONTACT NAME

DES. OF WASTE: petroleum contact water

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	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__percent diesel fuel),**	→	3011	→	3011
10. **3, PG III**				

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.

Brandon Griffin
Generator Authorized Agent Name

Signature

0 1 2 1 2 1
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-12

Hazardous Waste Transporter Permits
EPA NCD062536222

d. Driver Signature — 0 1 2 1 2 1 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.		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
Greg Taylor				

Legacy

R-021491/99

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 8995
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 (Legacy Env. Serv.)
ORIGINATING ADDRESS Huntersville - Concord Rd
MAILING ADDRESS 3637 N Graham St
CITY Huntersville/Charlotte STATE NC ZIP
PHONE NO.
CONTACT NAME
DES. OF WASTE: petroleum contact water

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME Bill Colonial
ADDRESS DIRECT
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

	DESCRIPTION	SOLIDS	GALLONS	DRUMS	LINE TOTAL
		QUANTITY			
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___percent diesel fuel),	→	4372	→	4372
10.	3, PG III				

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.

Brandon Griffin
Generator Authorized Agent Name

Signature

0 1 2 2 2 1
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. Driver Signature
0 1 2 2 2 1
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.	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 1-22-21	MONTH 1	DAY 22	YEAR 21

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

2 R-021486/94

Manifest No. 8996
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 / Liegacy
ORIGINATING ADDRESS Huntersville - Concord Rd
MAILING ADDRESS 3637 N Graham st
CITY ~~Huntersville~~ Charlotte STATE NC ZIP 28206
PHONE NO.
CONTACT NAME
DES. OF WASTE: petroleum contact water

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME Bill Colonial
ADDRESS DIRECT
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS QUANTITY	GALLONS QUANTITY	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. ~~UN 1993, Combustible Liquids, N.O.S. (Contains less than ___ percent diesel fuel), 3, PG III~~				
9.	→	3822	→	3822
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.

Brandon Griffin
Generator Authorized Agent Name

Signature

0 1 2 2 2 1
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-12
Hazardous Waste Transporter Permits
EPA NCD062536222
d. Driver Signature
0 1 2 2 2 1
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 1	DAY 22	YEAR 21

Legacy

R 021484/94

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 8997
Job No. 15000
P.O. No. 308734
Trk. No. B-120

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION
NAME Colonial Pipeline (Legacy Environmental Serv)
ORIGINATING ADDRESS Huntersville - Concord Rd
MAILING ADDRESS 3637 N Graham St
CITY Huntersville/Charlotte STATE NC ZIP
PHONE NO.
CONTACT NAME
DES. OF WASTE: petroleum contact water

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME Bill Colonial
ADDRESS DIRECT
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	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. UN 1993, Combustible Liquids, N.O.S.				
8. (Contains less than ___ percent diesel fuel),				
9. 3, PG III	→	2717	→	2717
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.

Brandon Griffin
Generator Authorized Agent Name

Signature

0 1 2 2 2 1
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. B-120

Hazardous Waste Transporter Permits
EPA NCD062536222

d. Driver Signature
0 1 2 2 2 1
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
		1	22	21

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

R-021536/98

Manifest No. 8990
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 ~~Legacy Environmental Services~~ JN Colonial Pipeline
ORIGINATING ADDRESS 1410 Huntersville Concord Rd
MAILING ADDRESS ~~3637 N Graham St~~ JN
CITY ~~Charlotte~~ Huntersville STATE NC ZIP
PHONE NO.
CONTACT NAME
DES. OF WASTE: petroleum contact water

WORK CONTRACTED BY
Bill To (If different from information at left)

NAME Bill Colonial
ADDRESS Huntersville-Concord Rd
CITY STATE NC ZIP
PHONE NO. DIRECT
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE				
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA	→	4473		
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___percent diesel fuel),	JN →	4473	→	4473
10. 3, PG III				

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.

Brandon Griffin — Generator Authorized Agent Name
Signature
0 1 2 3 2 1 — 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 Craig Lynch
b. Phone No. c. Truck No. VT-13
Hazardous Waste Transporter Permits
EPA NCD062536222
d. Craig Lynch — Driver Signature
0 1 2 3 2 1 — Shipment Date

TRANSPORTER II

e. Name
f. Address
g. Driver Name/Title Justin Nusbaum
h. Phone No. i. Truck No. TR-7 TRL20
j. Transporter II Permit Nos.
Driver Signature
0 1 2 6 2 1 — Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name:	Legacy Envir. Serv.	Heritage Crystal Clean
Physical Address:	3637 N. Graham Street	2115 Speedrail Ct.
	Charlotte, NC 28206	Concord, NC

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
C.J.		1	27	21

Legacy

R-021498/98

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 8988
Job No. 15000
P.O. No. 308734
Trk. No. B-120

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME Legacy Enironmetal Services
ORIGINATING ADDRESS 3636 N Graham St
MAILING ADDRESS
CITY Charlotte STATE NC ZIP
PHONE NO.
CONTACT NAME
DES. OF WASTE: petroleum contact water

WORK CONTRACTED BY
Bill To (If different from information at left)

NAME Bill Colonial
ADDRESS DIRECT
CITY STATE ZIP
PHONE NO. Huntersville - Concord Rd
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	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 ___ percent diesel fuel),	→	2763	→	2763
10. 3, PG III				

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.

Brandon Griffin
Generator Authorized Agent Name

Signature

0 1 2 3 2 1
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 Craig Lynch
b. Phone No. c. Truck No. B-120

Hazardous Waste Transporter Permits
EPA NCD062536222

d. Craig Lynch
Driver Signature

0 1 2 3 2 1
Shipment Date

TRANSPORTER II

e. Name
f. Address

g. Driver Name / Title Justin Nusbaum
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.

Driver Signature

0 1 2 5 2 1
Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name:	Legacy Envir. Serv.	HCC
Physical Address:	3637 N. Graham Street	2115 Speedrail Ct.
	Charlotte, NC 28206	Concord, NC

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 1	DAY 25	YEAR 21

Legacy

R-021459/49

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 8989
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 Legacy Environmental services
ORIGINATING ADDRESS
MAILING ADDRESS 3637 N Graham St
CITY Charlotte STATE NC ZIP
PHONE NO.
CONTACT NAME
DES. OF WASTE: petroleum contact water

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME Bill Colonial
ADDRESS Huntersville - Concord Rd
CITY STATE ZIP
PHONE NO. Bill DIRECT
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS QUANTITY	GALLONS QUANTITY	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. UN 1993, Combustible Liquids, N.O.S.				
9. (Contains less than___percent diesel fuel),	→	3515	→	3515
10. 3, PG III				

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.

Brandon Griffin
Generator Authorized Agent Name

Signature

01 23 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

a. Driver Name / Title Craig Lynch
b. Phone No. c. Truck No. VT-12
Hazardous Waste Transporter Permits
EPA NCD062536222
d. Craig Lynch
Driver Signature
01 23 21
Shipment Date

TRANSPORTER II
e. Name
f. Address
g. Driver Name / Title Justin Nusbaum
h. Phone No. i. Truck No.
j. Transporter II Permit Nos.
Driver Signature
01 25 21
Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name:	Legacy Envir. Serv.	HCC
Physical Address:	3637 N. Graham Street	2115 Speedrail Ct
	Charlotte, NC 28206	Concord, NC

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 1	DAY 25	YEAR 21

6

Legacy 6 R-021511/99

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 8992
Job No. 15000
P.O. No. 308734
Trk. No. ~~B-120~~ VT-13

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME Legacy Environmental Services
ORIGINATING ADDRESS
MAILING ADDRESS 3637 N Graham St
CITY Charlotte STATE NC ZIP
PHONE NO.
CONTACT NAME
DES. OF WASTE: petroleum contact water

WORK CONTRACTED BY
Bill To (If different from information at left)

NAME Bill Colonial
ADDRESS Huntersville-Concord DIRECT
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	LINE TOTAL
		QUANTITY		
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 ___ percent diesel fuel),	→	4512	→	4512
10. 3, PG III				

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.

Brandon Griffin — Generator Authorized Agent Name
Signature
0 1 2 4 2 1 — 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 Jason Spencer
b. Phone No. _____ c. Truck No. ~~B-120~~ VT-13
Hazardous Waste Transporter Permits
EPA NCD062536222
d. _____ Driver Signature
0 1 2 4 2 1 — 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.	HCC
Physical Address:	3637 N. Graham Street Charlotte, NC 28206	2115 Speedrail Ct Concord, NC

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
CJ		1	25	21

Legacy

$2 R-021536/98

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 8991
Job No. 15000
P.O. No. 308734
Trk. No. ~~VT-12~~ B-120

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME ~~Legacy Environmental Services~~ Colonial Pipeline
ORIGINATING ADDRESS 1410 Huntersville Concord Rd
MAILING ADDRESS ~~3637 N Graham St~~ JN
CITY ~~Charlotte~~ JN Huntersville STATE NC ZIP
PHONE NO.
CONTACT NAME
DES. OF WASTE: petroleum contact water

WORK CONTRACTED BY
Bill To (If different from information at left)

NAME Bill Colonial
ADDRESS Huntersville Concord Rd
CITY DIRECT STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	LINE TOTAL
	QUANTITY			
1. NON-HAZ MINERAL OIL FOR RECYCLE				
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA	→	2801		
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___percent diesel fuel),	JN →	2801	→	2801
10. 3, PG III				

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.

Brandon Griffin
Generator Authorized Agent Name

Signature

01 24 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

a. Driver Name / Title Crafton Watts B-120
b. Phone No. c. Truck No. ~~VT-12~~

Hazardous Waste Transporter Permits
EPA NCD062536222

Driver Signature

01 24 21
Shipment Date

TRANSPORTER II

e. Name
f. Address
g. Driver Name / Title Justin Nusbaum
h. Phone No. i. Truck No. TR-7 - TRL-20
j. Transporter II Permit Nos.

Driver Signature

01 26 21
Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name:	Legacy Envir. Serv.	Heritage Crystal Clean
Physical Address:	3637 N. Graham Street Charlotte, NC 28206	2115 Speedrail Ct. Concord, NC

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
C Jo		1	21	21

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 8993
Job No. 15000
P.O. No. ~~523~~ 308734
Trk. No. VT- 12

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME Legacy Environmental Services
ORIGINATING ADDRESS
MAILING ADDRESS 3637 N Graham St
CITY Charlotte STATE NC ZIP
PHONE NO.
CONTACT NAME
DES. OF WASTE: petroleum contact water

WORK CONTRACTED BY
Bill To (If different from information at left)

NAME Bill Colonial
ADDRESS Huntersville-Concord Rd
CITY Huntersville STATE NC ZIP
PHONE NO. DIRECT
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	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 ___ percent diesel fuel), 3, PG III				
9.	→	3927	→	3927
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.

Brandon Griffin
Generator Authorized Agent Name

Signature

0 1 2 4 2 1
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 Jason Spencer
b. Phone No. ___ c. Truck No. VT-12

Hazardous Waste Transporter Permits
EPA NCD062536222

d. Driver Signature
0 1 2 4 2 1
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.	HCC
Physical Address:	3637 N. Graham Street	2115 Speedrail Ct
	Charlotte, NC 28206	Concord, NC

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 1	DAY 25	YEAR 21

4 R-021582/99

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 8986
Job No. 15000
P.O. No. 308754
Trk. No. VT13

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION
NAME LEGACY ENVIRONMENTAL COLONIAL PIPELINE
ORIGINATING ADDRESS 3637 N Graham St
MAILING ADDRESS
CITY HUNTERSVILLE STATE NC ZIP
PHONE NO.
CONTACT NAME JOHN COLBREATH
DES. OF WASTE: PETRO CONTACT WATER

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME COLONIAL DIRECT
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE				
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		4233.0		4233
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.				
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.

DAVID HARRIS — Generator Authorized Agent Name

Signature

01/25/21 — 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

a. Driver Name / Title Brandon Eddie
b. Phone No. c. Truck No. VT13
Hazardous Waste Transporter Permits
EPA NCD062536222
d. Driver Signature 01/25/21 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 1	DAY 25	YEAR 21

Legacy

5 R-021507/99

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 8985
Job No. 15000
P.O. No. 308754
Trk. No. VT-12

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION

NAME LEGACY ENVIRONMENTAL COLONIAL PIPELINE
ORIGINATING ADDRESS Huntersville Concord Rd.
MAILING ADDRESS 3637 N Graham St
CITY ~~Huntersville~~ Charlotte STATE NC ZIP 28206
PHONE NO.
CONTACT NAME JOHN CAUSEGATH
DES. OF WASTE: PETRO CONTACT WATER

WORK CONTRACTED BY
Bill To (If different from information at left)

NAME COLONIAL PIPELINE
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	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___percent diesel fuel), 3, PG III		3692		
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.

DAVID HARRIS
Generator Authorized Agent Name

Signature

Shipment Date: 01/25/21

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

a. Driver Name / Title BRANDON EDENS
b. Phone No. c. Truck No. VT-12
Hazardous Waste Transporter Permits
EPA NCD062536222
d. Driver Signature
Shipment Date: 01/25/21

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 1	DAY 25	YEAR 21

Legacy 7 R-021516/99

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 11056
Job No. 15000
P.O. No. 308754
Trk. No. VT13

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION
NAME Legacy Enviro/Colonial Pipeline
ORIGINATING ADDRESS Huntersville Concord Rd
MAILING ADDRESS 3637 N Graham St
CITY Charlotte STATE NC ZIP 28126
PHONE NO.
CONTACT NAME John Culbreth
DES. OF WASTE: PCW

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME Colonial Direct
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	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__percent diesel fuel),	→	3528		3528
10. 3, PG III				

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.

Brandon Eddins
Generator Authorized Agent Name

Signature

Shipment Date: 0 1 2 5 2 1

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: 0 1 2 5 2 1

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. / HCC
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
		1	25	21

Legacy (3)

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

R-021510/49

Manifest No. 8994
Job No. 15000
P.O. No. 308734
Trk. No. BT-120

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION
NAME Colonial Pipeline
ORIGINATING ADDRESS
MAILING ADDRESS
CITY Huntersville STATE NC ZIP
PHONE NO.
CONTACT NAME John Caulbreath
DES. OF WASTE: Legacy Enviromental

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME Bill Colonial
ADDRESS DIRECT
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE				
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		2835		
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.				
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.

Generator Authorized Agent Name | Signature | Shipment Date: 6 1 2 5 2 1

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 Eliseo Mejia
b. Phone No. c. Truck No. BT-120
Hazardous Waste Transporter Permits
EPA NCD062536222
d. Driver Signature | Shipment Date: 6 1 2 5 2 1

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. HCC
Physical Address: 3637 N. Graham Street Heritage Crystal Clean
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 1	DAY 25	YEAR 21

Legacy

R-021519/99

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 11057
Job No. 15000
P.O. No. 308734
Trk. No. B120

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION
NAME Colonial Pipeline
ORIGINATING ADDRESS 1410 Huntersville Concord Rd
MAILING ADDRESS
CITY Huntersville STATE NC ZIP
PHONE NO.
CONTACT NAME ~~PCW~~
DES. OF WASTE: PCW

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME Bill Colonial Direct
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	LINE TOTAL
		QUANTITY		
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___percent diesel fuel), →		2500		2500
10. 3, PG III				

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.

Brandon Eddins — Generator Authorized Agent Name
Signature
01 26 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

a. Driver Name / Title Brandon Eddins
b. Phone No. c. Truck No. B-120
Hazardous Waste Transporter Permits
EPA NCD062536222
d. Driver Signature
01 26 21 — 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.~~	Heritage Crystal Clean
Physical Address:	~~3637 N. Graham Street~~	2115 Speedrail Ct
	~~Charlotte, NC 28206~~	Concord NC
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
C. Jo		1	26	21

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

R-021528/99

Manifest No. 9016
Job No. 15000
P.O. No. 308734
Trk. No. UT12

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
PHONE NO.
CONTACT NAME
DES. OF WASTE: RCW

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME Bill Colonial Direct
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE				
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		3696		
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.				JV
9. (Contains less than ___percent diesel fuel),		3696		3696
10. 3, PG III				

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

01 26 21
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete each 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. UT12
Hazardous Waste Transporter Permits
EPA NCD062536222
d. Driver Signature 01 26 21 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.	Heritage Crystal Clean
Physical Address:	3637 N. Graham Street	2115 Speedrail Ct.
	Charlotte, NC 28206	Concord NC

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

R-021524/GA

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 9015
Job No. 15000
P.O. No. 308734
Trk. No. UT-13

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION
NAME Colonial Pipeline
ORIGINATING ADDRESS 1410 S Huntersville Concord Rd.
MAILING ADDRESS
CITY Huntersville STATE NC ZIP
PHONE NO.
CONTACT NAME
DES. OF WASTE:

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME Bill Colonial Directly
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE				
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		4224		
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___percent diesel fuel), 3, PG III~~	JN	4224		4224
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

01/26/21
Shipment Date

Section III. TRANSPORTER

TRANSPORTER (Generator complete a-g, 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]
Driver Signature
01/26/21
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.~~	Heritage Crystal Clean
Physical Address:	~~3637 N. Graham Street~~ Charlotte, NC 28206	2115 Speedrail Ct. Concord NC
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 2 R-021522/GG

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 8998
Job No. 15000
P.O. No. 308734
Trk. No. TR-12 TAL-13

NON-HAZARDOUS SPECIAL WASTE

Section I. GENERATOR (Generator complete all of Section I)

GENERATOR LOCATION
NAME Colonial pipeline
ORIGINATING ADDRESS 1410 Huntersville Concord RD
MAILING ADDRESS
CITY Huntersville STATE NC ZIP
PHONE NO.
CONTACT NAME
DES. OF WASTE:

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME Bill Colonial Direct
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	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. UN1993, Combustible Liquid NOS, 3, PG III		5,800 gallons		
9. (Contains Less than — % diesel fuel)				
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.

X Nolan Harris
Generator Authorized Agent Name

X
Signature

01/26/21
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

a. Driver Name/Title Justin Nusbaum
b. Phone No. c. Truck No. TR-12 TAL-13
Hazardous Waste Transporter Permits
EPA NCD062536222
d.
Driver Signature
01/26/21
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.	Heritage Crystal Clean	a. Phone No.	704-361-5837
Physical Address:	3637 N. Graham Street	2115 Speedrail Ct	b. Mailing Address:	P.O. Box 37333
	Charlotte, NC 28206	Concord, NC		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
		1	26	21

Legacy

R-021535/99

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 8999
Job No. 150000
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
PHONE NO.
CONTACT NAME
DES. OF WASTE: PCW

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME Bill Colonial Direct
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE				
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		4320		4320
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.				
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

01/27/21
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

a. Driver Name / Title Brandon Eddins
b. Phone No. c. Truck No. VT 13
Hazardous Waste Transporter Permits
EPA NCD062536222
d. [signature]
Driver Signature
01/27/21
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.	Heritage Crystal Clean
Physical Address:	3637 N. Graham Street Charlotte, NC 28206	2115 Speedrail Ct. Concord NC
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
[signature]		1	27	21

Legacy 3 R-021540/96

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 9000
Job No. 15080
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
PHONE NO.
CONTACT NAME

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME Bill Colonial Direct
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

DES. OF WASTE:

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	LINE TOTAL
1. NON-HAZ MINERAL OIL FOR RECYCLE				
2. PETROLEUM CONTACT WATER PUMPED FROM TANKS, DRUMS OR CONTAINMENT AREA		~~3620~~ recv		
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. UN1993 Flamable Liquid Less than 10% gasoline		3620		
8.				
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.

David Harris
Generator Authorized Agent Name

Signature

01/27/21
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

a. Driver Name/Title David Harris
b. Phone No. c. Truck No. VT-12
Hazardous Waste Transporter Permits
EPA NCD062536222
d. Driver Signature 01/27/21 Shipment Date

TRANSPORTER II
e. Name Cisco Mejia
f. Address
g. Driver Name/Title Cisco Mejia
h. Phone No. i. Truck No. VT-12
j. Transporter II Permit Nos.
Driver Signature 01/27/21 Shipment Date

Section IV. FACILITY INFORMATION AND CERTIFICATE OF DISPOSAL

Site Name: Legacy Envir. Serv.
Physical Address: 3637 N. Graham Street / Charlotte, NC 28206

Harrington Crystal Clean
2145 Speedrail ct
Concord 28025

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
C.J.		1	27	21

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

R-021553/98

Manifest No. 9001
Job No. 15002
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
PHONE NO.
CONTACT NAME
DES. OF WASTE:

WORK CONTRACTED BY
Bill To (If different from information at left)

NAME Bill Colonial Direct
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	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 Combustable Liquid NOS, 3, PG III →		4224		4224
9. (Contains less than 10% gasoline)				
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.

* [signature] Generator Authorized Agent Name

* [signature] Signature

01/27/21 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

a. Driver Name / Title Brandon Eddins
b. Phone No. c. Truck No. VT13

Hazardous Waste Transporter Permits
EPA NCD062536222

d. [signature] Driver Signature 01/27/21 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.	Heritage Crystal Clean
Physical Address:	3637 N. Graham Street Charlotte, NC 28206	2115 Seed Trail Ct. Concord NC 28025
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
[signature]		1	28	21

Legacy

R-021553/98

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 9004
Job No. 15000
P.O. No. 308734
Trk. No.

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
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

DESCRIPTION	SOLIDS QUANTITY	GALLONS QUANTITY	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. UN 1993 Combustible Liquid NOS 3 PG III →		3840		3840
9. (Contains less than 10% gasoline)				
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.

Jamie Lollis
Generator Authorized Agent Name

Signature

01/27/21
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

a. Driver Name / Title Brandon Eddins
b. Phone No. c. Truck No. UT13

Hazardous Waste Transporter Permits
EPA NCD062536222

d. Driver Signature 01/27/21 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.	Heritage Crystal Clean
Physical Address:	3637 N. Graham Street	2115 Speedrail Ct
	Charlotte, NC 28206	Concord, NC

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
C. Jo		1	28	21

Legacy 2 R-021566/99

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 9007
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
PHONE NO.
CONTACT NAME

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME Bill Colonial Direct
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

DES. OF WASTE:

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS QUANTITY	GALLONS QUANTITY	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. UN 1993 Combustible Liquids NOS, 3, PG III	→	3936	→	3936
9. (contains less than 10% gasoline)				
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

01 28 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

a. Driver Name / Title Brandon Eddins
b. Phone No. c. Truck No. UT13
Hazardous Waste Transporter Permits
EPA NCD062536222
d. [signature]
Driver Signature
01 28 21
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.	Heritage Crystal Clean
Physical Address:	3637 N. Graham Street	2115 Speedrail Ct.
	Charlotte, NC 28206	Concord NC

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
[signature]		1	28	21

Table 4
Summary of Liquids Shipped to
Legacy
(January 01, 2021 - January 30, 2021)

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

Date	Gallons	Manifest No.	Manifest Previously Provided
1/28/2021	3,654	9006	
1/28/2021	4,224	9005	
1/28/2021	1,974	9003	
1/29/2021	4,224	9008	
1/29/2021	3,696	9010	
1/29/2021	3,840	9017	
1/29/2021	2,142	9011	
1/30/2021	2,900	9013	
1/30/2021	3,360	9014	
1/30/2021	3,614	9018	
Total	**33,628**		

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 9006
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
PHONE NO.
CONTACT NAME

WORK CONTRACTED BY
Bill To (If different from information at left)

NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

DES. OF WASTE:

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		3654 gallons		
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. MN 1993 Combustable Liquid NOS 3 PG III				
9. (Contains less than 10% gasoline)				
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

0 1 2 8 2 1
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 Eliseo Mejia
b. Phone No. c. Truck No. VT12
Hazardous Waste Transporter Permits
EPA NCD062538222
d. [signature]
Driver Signature
0 1 28 2 1
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.	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 1	DAY 28	YEAR 21
[signature]				

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 9005
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 14168 Huntersville Concord Rd
MAILING ADDRESS
CITY Huntersville STATE NC ZIP
PHONE NO.
CONTACT NAME
DES. OF WASTE: PCW

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	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. UN1993 Combustable Liquid NOS 3 PG III	→	4224		4224
9. (contains less than 10% gasoline)				
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.

* Nolan Harris
Generator Authorized Agent Name

*
Signature

01/28/21
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

a. Driver Name/Title Brandon Eddins
b. Phone No. c. Truck No. VT13
Hazardous Waste Transporter Permits
EPA NCD062536222
d. Driver Signature 01/28/21 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
Jeff Nuckles		1	28	21

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 9003
Job No. 15000
P.O. No. 308734
Trk. No.

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
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

DESCRIPTION	SOLIDS	GALLONS	DRUMS	LINE TOTAL
	QUANTITY			
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 Combustal Liquid NOS 3 PG III	→	1974		
9. contains less than 10% gasoline				
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

Shipment Date: 01 28 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

a. Driver Name / Title Eliseo Lopez
b. Phone No. c. Truck No. VT-12
Hazardous Waste Transporter Permits
EPA NCD062536222
d. Driver Signature
Shipment Date: 01 28 21

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.	Heritage Cystal Clean
Physical Address:	3637 N. Graham Street	2115 Seedrail Ct.
	Charlotte, NC 28206	Concord NC 28025

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.

Received @ Legacy

SIGNATURE OF FACILITY AGENT	DATE	MONTH	DAY	YEAR
		01	28	21

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 9008
Job No. 15000
P.O. No. 308734
Trk. No. UT-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
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

DESCRIPTION	SOLIDS QUANTITY	GALLONS QUANTITY	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. UN 1993 Combustible Liquid NOS, 3, PG III	→	4224	→	4224
9. (Contains less than 10% gasoline)				
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

Shipment Date: 012921

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. UT-13
Hazardous Waste Transporter Permits
EPA NCD062536222
d. [signature] 012921
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
Jeff Nurkan		1	29	21

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 9010
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
PHONE NO.
CONTACT NAME

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

DES. OF WASTE:

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS QUANTITY	GALLONS QUANTITY	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. UN 1993, Combustible liquids, N.O.S		3696		
9. Contains less than 10% gasoline				
10. 3, PGIII				

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: 01/29/21

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

a. Driver Name / Title Eliseo Mejia
b. Phone No. c. Truck No. VTH2
Hazardous Waste Transporter Permits
EPA NCD062536222
d. Driver Signature — Shipment Date: 01/29/21

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
		1	29	21

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 9017
Job No. 15000
P.O. No. 308734
Trk. No. UT-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
PHONE NO.
CONTACT NAME

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

DES. OF WASTE:

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS QUANTITY	GALLONS QUANTITY	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. UN 1993 Combustible Liquids NOS, 3, PG III	→	3840	→	3840
9. (Contains less than 10% gasoline)				
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.

* Jamie Lollis
Generator Authorized Agent Name

* [signature]
Signature

0 1 2 9 2 1
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. UT-13
Hazardous Waste Transporter Permits
EPA NCD062536222
d. [signature]
Driver Signature
0 1 2 9 2 1
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 1	DAY 29	YEAR 21

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 9011
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 STATE ZIP
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

DESCRIPTION	SOLIDS	GALLONS	DRUMS	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 liquid NOS, 3, PG III	→	2142		
9. Contains less than 10% gasoline				
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.

Generator Authorized Agent Name | Signature | Shipment Date: 01/29/21

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

a. Driver Name / Title Eliseo Mejia
b. Phone No. c. Truck No. VT-12
Hazardous Waste Transporter Permits
EPA NCD082536222
d. Driver Signature | Shipment Date: 01/29/21

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
Jeff Nusbaum		1	29	21

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 9013
Job No. 15000
P.O. No. 308734
Trk. No. B120

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
PHONE NO.
CONTACT NAME

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME Bill Colonial Direct
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

DES. OF WASTE:

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	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 Liquid NOS, 3, PG III		2,900 gallons		
9. (contains less than 10% gasoline)				
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.

X Adam Harris — Generator Authorized Agent Name
X — Signature
01/30/21 — 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

a. Driver Name / Title Justin Nusbaum
b. Phone No. c. Truck No. B120
Hazardous Waste Transporter Permits
EPA NCD062536222
d. Driver Signature — 01/30/21 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
Jeff Nusbaum		1	30	21

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 9014
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
PHONE NO.
CONTACT NAME

WORK CONTRACTED BY
Bill To (If different from information at left)
NAME Bill Colonial Direct
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

DES. OF WASTE:

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	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 Liquid NOS, 3 PG III		3360		
9. (Contains less than 10% gasoline)				
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.

X Adam Norris
Generator Authorized Agent Name

X
Signature

01302/
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 Justin Nusbaum
b. Phone No. c. Truck No.
Hazardous Waste Transporter Permits
EPA NCD062536222
d.
Driver Signature

01302/
Shipment Date

TRANSPORTER II
e. Name
f. Address
g. Driver Name / Title Eliseo Mejia
h. Phone No. i. Truck No. VT-12
j. Transporter II Permit Nos.

Driver Signature

01302/
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	DAY	YEAR
JJ Nusbaum		1	30	21

Legacy

ENVIRONMENTAL SERVICES, LLC
P.O. BOX 37333 • CHARLOTTE, N.C. 28237
(704) 361-5837
FAX (704) 379-7779

Manifest No. 9018
Job No. 15000
P.O. No. 3087334
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
PHONE NO.
CONTACT NAME
DES. OF WASTE:

WORK CONTRACTED BY
Bill To (If different from information at left)

NAME Bill Colonial Direct
ADDRESS
CITY STATE ZIP
PHONE NO.
CONTACT NAME

Section II. INVOICE INFORMATION

DESCRIPTION	SOLIDS	GALLONS	DRUMS	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 liquid NOS, 3, PG III		3614 Gallons		
9. (contains less than 10% gasoline)				
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
01/30/21 — 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

a. Driver Name / Title Eliseo Mejia
b. Phone No. c. Truck No. VT-13
Hazardous Waste Transporter Permits
EPA NCD062536222
d. Driver Signature — 01/30/21 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
Jeff Nusbaum		1	30	21

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - January 30, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
10/7/2020	80	1	763626	20.64	X
10/7/2020	76	2	763625	12.67	X
10/7/2020	83	3	763624	18.6	X
10/7/2020	131	4	763623	22.68	X
10/7/2020	138	5	763622	22.18	X
10/7/2020	159	6	763621	22.1	X
10/7/2020	161	7	763620	16.22	X
10/7/2020	163	8	763619	21.29	X
10/7/2020	84	9	763618	21.87	X
10/7/2020	152	10	763617	20.6	X
10/8/2020	140	11	763616	23.31	X
10/8/2020	83	12	763615	19.6	X
10/8/2020	80	13	763614	20.55	X
10/8/2020	76	14	763613	13.15	X
10/8/2020	131	15	763612	23.02	X
10/8/2020	138	16	763611	23.34	X
10/8/2020	159	17	763610	23.07	X
10/8/2020	161	18	763609	19.21	X
10/8/2020	80	19	763608	19.69	X
10/8/2020	83	20	763607	20.2	X
10/8/2020	162	21	763606	23.64	X
10/8/2020	84	22	763605	12.05	X
10/8/2020	163	23	763604	25.21	X
10/8/2020	83	24	763603	21.84	X
10/8/2020	83	25	763602	23.85	X
10/8/2020	80	26	763601	20.07	X
10/8/2020	131	27	763600	22.92	X
10/8/2020	138	28	763599	22.84	X
10/8/2020	140	29	763598	23.26	X
10/8/2020	162	30	763597	24.74	X
10/8/2020	84	31	763596	21.81	X
10/8/2020	161	32	763595	18.15	X
10/8/2020	80	33	763594	23.42	X
10/8/2020	159	34	763593	23.37	X
10/8/2020	163	35	763592	26.12	X
10/8/2020	84	36	763591	21.45	X
10/8/2020	131	37	763590	24.03	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - January 30, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
10/8/2020	138	38	763589	22.18	X
10/9/2020	83	39	763588	24.07	X
10/9/2020	80	40	763587	23.98	X
10/9/2020	80	41	763586	20.06	X
10/9/2020	162	42	763585	22.25	X
10/9/2020	131	43	763584	22.4	X
10/9/2020	161	44	763583	18.38	X
10/9/2020	84	45	763582	19.74	X
10/9/2020	159	46	763581	21.94	X
10/9/2020	140	47	763580	25.28	X
10/9/2020	83	48	763579	22.92	X
10/9/2020	163	49	763578	21.82	X
10/9/2020	80	50	765577	19.84	X
10/9/2020	138	51	763576	22.08	X
10/9/2020	83	52	763575	19.47	X
10/9/2020	131	53	763574	21.24	X
10/9/2020	162	54	763573	21.62	X
10/9/2020	140	55	763572	25.73	X
10/9/2020	84	56	763571	19.97	X
10/9/2020	161	57	763570	17.38	X
10/9/2020	163	58	763568	22.2	X
10/9/2020	80	59	763569	20.81	X
10/9/2020	159	60	763567	23.02	X
10/9/2020	83	61	763566	21.28	X
10/13/2020	159	62	763565	23.92	X
10/9/2020	80	63	763563	21.09	X
10/13/2020	159	62	763565	23.92	X
10/14/2020	131	63	763564	17.34	X
10/13/2020	163	64	763562	23.78	X
10/13/2020	138	65	763561	23.64	X
10/13/2020	76	66	763560	13.32	X
10/13/2020	131	67	763559	18.51	X
10/13/2020	162	68	763558	17.66	X
10/13/2020	80	69	763557	15.91	X
10/13/2020	84	70	763556	16.64	X
10/14/2020	84	71	763555	17.02	X
10/14/2020	159	72	763554	18.36	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - January 30, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
10/14/2020	162	73	763553	20.6	X
10/14/2020	163	74	763552	20.63	X
10/14/2020	138	75	763551	16.65	X
10/14/2020	80	76	763550	19.29	X
10/14/2020	83	77	763549	18:57	X
10/13/2020	140	78	763548	22.7	X
10/14/2020	84	79	763547	19.59	X
10/14/2020	162	80	763546	21.53	X
10/14/2020	159	81	763545	20.11	X
10/14/2020	163	82	763528	19.57	X
10/14/2020	138	83	763529	20.27	X
10/14/2020	131	84	763530	20.79	X
10/14/2020	80	85	763531	16.14	X
10/14/2020	83	86	763532	19.68	X
10/14/2020	84	87	763533	22.43	X
10/14/2020	163	88	763534	20.38	X
10/14/2020	159	89	763535	23.01	X
10/14/2020	138	90	763536	18.62	X
10/15/2020	162	91	763537	21.45	X
10/15/2020	131	92	763538	25.29	X
10/15/2020	160	93	763539	22.34	X
10/15/2020	80	94	763540	17.31	X
10/15/2020	84	95	763541	22.81	X
10/15/2020	83	96	763542	21.78	X
10/15/2020	163	97	763543	25.06	X
10/15/2020	159	98	763544	20.1	X
10/15/2020	83	99	1041191	20.06	X
10/15/2020	84	100	1041192	20.18	X
10/15/2020	162	101	1041193	9.98	X
10/15/2020	138	102	1041194	19.84	X
10/15/2020	80	103	1041195	19.33	X
10/15/2020	84	104	1041196	23.51	X
10/15/2020	131	105	1041197	20.59	X
10/15/2020	160	106	1041198	21.17	X
10/16/2020	163	107	1041199	23.45	X
10/16/2020	148	108	1041200	23.54	X
10/16/2020	162	109	1041201	24.52	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - January 30, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
10/16/2020	131	110	1041202	24.79	X
10/16/2020	80	111	1041203	13.55	X
10/16/2020	140	112	1041204	22.24	X
10/16/2020	160	113	1041205	22.85	X
10/16/2020	131	114	1041206	21.88	X
10/16/2020	83	115	1041207	19.6	X
10/16/2020	138	116	1041208	22.2	X
10/16/2020	162	117	1041209	23.01	X
10/16/2020	163	118	1041210	22.69	X
10/16/2020	160	119	1041211	23.28	X
10/16/2020	80	120	1041212	20.78	X
10/16/2020	140	121	1041213	23.99	X
10/16/2020	83	122	1041214	20.75	X
10/16/2020	138	123	1041215	22.93	X
10/16/2020	131	124	1041216	23.66	X
10/16/2020	84	125	1041217	21.2	X
10/15/2020	83	126	1041240	20.23	X
10/15/2020	83	127	1041239	20.25	X
10/15/2020	138	128	1041238	23.64	X
10/15/2020	162	129	1041237	22.27	X
10/16/2020	84	130	1041236	21.25	X
10/15/2020	80	131	1041235	20.05	X
10/15/2020	131	132	1041234	22.39	X
10/15/2020	160	133	1041233	21.69	X
10/15/2020	83	134	1041232	19.76	X
10/16/2020	138	135	1041231	21.88	X
10/16/2020	83	136	1041230	19.9	X
10/16/2020	163	137	1041229	22.39	X
10/16/2020	160	138	1041228	21.86	X
10/16/2020	80	139	1041227	19.81	X
10/16/2020	138	140	1041226	22.35	X
10/16/2020	140	141	1041225	23.29	X
10/17/2020	83	142	1041224	21.04	X
10/16/2020	83	143	1041223	21.55	X
10/17/2020	131	144	1041222	24.25	X
10/17/2020	84	145	1041221	22.42	X
10/17/2020	84	146	10412220	20.74	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - January 30, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
10/17/2020	163	147	1041219	22.37	X
10/17/2020	159	148	1041218	23.09	X
10/17/2020	160	149	1042521	28.87	X
10/17/2020	138	150	1042522	17.61	X
10/17/2020	162	151	1042523	22.25	X
10/17/2020	131	152	1042524	23.74	X
10/17/2020	83	153	1042525	21.69	X
10/19/2020	160	154	1042526	22.93	X
10/19/2020	138	155	1042527	21.68	X
10/17/2020	84	156	1042528	22.51	X
10/19/2020	84	157	1042529	21.84	X
10/19/2020	84	158	1042530	21.4	X
10/19/2020	131	159	1042531	25.24	X
10/19/2020	160	160	1042532	23.97	X
10/19/2020	80	161	1042533	22.1	X
10/19/2020	148	162	1042534	25.18	X
10/19/2020	163	163	1042535	23	X
10/19/2020	162	164	1042536	24.93	X
10/19/2020	83	165	1042537	20.12	X
10/19/2020	83	166	1042538	20.78	X
10/19/2020	159	167	1042539	23.25	X
10/19/2020	138	168	1042540	24.46	X
10/19/2020	163	169	1042541	24.13	X
10/19/2020	162	170	1042542	24.68	X
10/19/2020	159	171	1042552	22.51	X
10/19/2020	148	172	1042550	24.25	X
10/19/2020	143	173	1042550	24.25	X
10/19/2020	80	174	1042549	19.28	X
10/19/2020	83	175	1042548	21.09	X
10/19/2020	83	176	1042547	20.36	X
10/27/2020	84	177	1042546	19.06	X
10/27/2020	84	178	1042545	18.83	X
10/19/2020	84	179	1042544	17.22	X
10/19/2020	84	180	1042543	21.05	X
10/19/2020	138	181	1042553	22.15	X
10/19/2020	160	182	1042554	22.46	X
10/19/2020	162	183	1042555	22.78	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - January 30, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
10/19/2020	163	184	1042556	22.84	X
10/19/2020	159	185	1042557	21.94	X
10/19/2020	80	186	1042558	19.46	X
10/19/2020	148	187	1042559	22.35	X
10/19/2020	138	188	1042569	19.52	X
10/19/2020	160	189	1042568	21.9	X
10/27/2020	162	190	1042567	19.53	X
10/19/2020	80	191	1042566	20.21	X
10/20/2020	148	192	1042565	23.85	X
10/19/2020	83	193	1042564	21.15	X
10/19/2020	163	194	1042563	22.45	X
10/20/2020	138	195	1042562	21.32	X
10/27/2020	138	196	1042561	26.39	
10/27/2020	80	197	1042560	17.99	
10/27/2020	83	198	1042570	17.61	
10/27/2020	159	199	1042571	15.69	
10/27/2020	163	200	1042572	27.02	
10/27/2020	152	201	1042573	15.26	
10/27/2020	162	202	1042574	12.25	
10/27/2020	160	203	1042575	23.35	
10/27/2020	148	204	1042576	19.66	
10/27/2020	138	205	1042577	21.4	
10/27/2020	80	206	1042578	17.99	
10/27/2020	148	208	1042580	26.34	
10/27/2020	159	209	1042581	21.14	
10/27/2020	163	210	1042582	21.3	
10/27/2020	160	211	1042583	23.81	
10/27/2020	162	212	1042584	25.04	
10/27/2020	152	213	1042585	28.95	
10/27/2020	138	214	1042586	24.03	
10/27/2020	148	215	1042587	29.6	
10/27/2020	80	216	1042588	19.2	
10/27/2020	83	217	1042589	19	
10/27/2020	159	218	1042590	26.14	
10/27/2020	163	219	1042591	27.96	
10/28/2020	83	220	1042592	18.61	
10/28/2020	160	221	1042593	27.25	

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - January 30, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
10/28/2020	160	222	1042594	27.11	
10/28/2020	84	223	1042595	18.07	
10/28/2020	152	224	1042596	22.3	
10/28/2020	80	225	1042597	19.45	
10/28/2020	83	226	1042598	17.21	
10/28/2020	148	227	1042599	26.88	
10/28/2020	162	228	1042600	23.87	
10/28/2020	163	229	1042601	26.78	
10/28/2020	159	230	1042602	25.38	
10/28/2020	160	231	1042603	24.73	
10/28/2020	138	232	1042604	22.53	
10/28/2020	80	233	1042605	18.57	
10/28/2020	152	234	1042606	23.96	
10/28/2020	84	235	1042607	19.48	
10/29/2020	83	236	1042609	20.85	
10/28/2020	162	237	1042610	20.04	
10/28/2020	159	238	1042611	25.07	
10/28/2020	163	239	1042612	23.46	
10/29/2020	160	240	1042613	21.31	
10/28/2020	138	241	1042614	22.8	
10/29/2020	80	242	1042608	18.98	
10/28/2020	82	243	1042616	1.93	
12/1/2020	D11	244	1042716	8.99	
12/4/2020	D10	246	1042719	18.13	
12/7/2020	D10	247	1042718	10.86	
12/7/2020	D10	248	1042717	20.31	
12/8/2020	D10	249	1042715	16.57	
12/8/2020	D10	250	1042714	18.27	
12/9/2020	D10	251	1042713	17.75	
12/9/2020	D10	252	1042712	16.03	
12/15/2020	D9	253	1042711	18.3	
12/15/2020	D10	254	1042710	15.67	
12/28/2020	BT21	255	1042709	16.15	
12/28/2020	BT10	256	1042708	17.13	
12/28/2020	BT16	257	1042707	15.99	
12/28/2020	D10	258	1042706	20.54	
12/28/2020	BT13	259	1042705	13.73	

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - January 30, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
12/29/2020	D11	260	1042704	18.02	
12/29/2020	KT10	261	1042703	12.93	
12/29/2020	2	262	1042702	14.71	
12/29/2020	BT11	263	1042701	13.49	
12/29/2020	D10	264	1042700	18.08	
12/29/2020	D11	265	1042699	16.5	
12/29/2020	2	266	1042698	10.74	
12/29/2020	BT11	267	1042697	15.39	
12/29/2020	D10	268	1042696	21.92	
12/29/2020	KT10	269	1042695	13.95	
12/29/2020	D11	270	1042694	21.82	
12/29/2020	2	271	1042693	14.59	
12/29/2020	BT11	272	1042692	14.15	
12/29/2020	KT10	273	1042691	11.87	
12/29/2020	BT16	274	1042690	18.83	
12/29/2020	D10	275	1042689	21.27	
12/29/2020	2	276	1042688	13.89	
12/29/2020	11	277	1042687	21.74	
12/29/2020	KT10	278	1042686	14.07	
12/30/2020	BT16	279	1042685	20.84	
12/30/2020	2	280	1042684	20.55	
12/30/2020	D9	281	1042683	24.14	
12/30/2020	KT12	282	1042682	18.19	
12/30/2020	KT10	283	1042681	16.65	
12/30/2020	D10	284	1042680	23.35	
12/30/2020	D11	285	1042679	20.99	
12/30/2020	BT16	286	1042678	19.04	
12/30/2020	KT12	287	1042677	13.2	
12/30/2020	KT10	288	1042676	11.66	
12/30/2020	2	289	1042675	13.89	
12/30/2020	9	290	1042674	20.15	
12/30/2020	D11	291	1042673	18.64	
12/30/2020	BT16	292	1042672	21.59	
12/30/2020	D10	293	1042671	24.53	
12/30/2020	2	294	1042670	15.86	
12/30/2020	D9	295	1042669	23.36	
12/30/2020	KT12	296	1042668	12.59	

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - January 30, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
12/30/2020	KT10	297	1042667	9.69	
12/30/2020	BT16	298	1042666	16.34	
12/30/2020	2	299	1042665	13.59	
12/30/2020	D9	300	1042664	20.03	
12/30/2020	D10	301	1042663	22.03	
12/30/2020	D11	302	1042662	19.31	
12/30/2020	D10	303	1042661	23.84	
12/30/2020	2	304	1042660	14.77	
12/30/2020	KT12	305	1042659	16.1	
1/4/2021	BT16	306	1042658	16.82	
1/4/2021	D10	307	1042657	19.44	
1/4/2021	D11	308	1042656	19.72	
1/4/2021	KT10	309	1042655	10.66	
1/4/2020	KT11	310	1042654	16.17	
1/4/2020	D9	311	1042653	18.7	
1/4/2021	BT16	312	1042652	16.49	
1/4/2021	D10	313	1042651	16.61	
1/4/2021	--	314	1042650	17.59	
1/4/2021	--	315	1042649	16.52	
1/5/2021	10	316	1042648	9.29	
1/5/2021	2	317	1042647	15.68	
1/5/2021	BT17	318	1042646	22.03	
1/5/2021	BT13	319	1042645	18.95	
1/5/2021	D10	320	1042644	17.82	
1/5/2021	--	321	1042643	20.29	
1/5/2021	D11	323	1042642	23.23	
1/5/2021	2	324	1042641	14.6	
1/5/2021	BT17	325	1042640	19.55	
1/5/2021	BT13	326	1042639	15.93	
1/5/2021	KT10	327	1042638	15.22	
1/5/2021	D11	328	1042637	12.39	
1/5/2021	2	329	1042636	14.48	
1/5/2021	D10	330	1042635	10.74	
1/5/2021	D11	331	1042634	21.16	
1/5/2021	BT17	332	1042633	18.47	
1/5/2021	BT13	333	1042632	14.13	
1/5/2021	KT10	334	1042631	11.83	

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - January 30, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
1/5/2021	2	335	1042630	13.84	
1/6/2021	D10	336	1042629	22.66	
1/6/2021	BT9	337	1042628	14.21	
1/6/2021	D11	338	1042627	23.62	
1/6/2021	KT10	339	1042626	8.52	
1/6/2021	2	340	1042625	13.34	
1/6/2021	BT19	341	1042624	11.17	
1/6/2021	BPD5	342	1042623	16.84	
1/6/2021	KT11	343	1042622	17.73	
1/6/2021	D11	344	1042621	21.52	
1/6/2021	BT9	345	1042722	16.39	
1/6/2021	BT19	346	1042723	21.74	
1/7/2021	KT10	347	1042724	13.94	
1/7/2021	KT10	348	1042725	14.62	
1/7/2021	KT12	349	1042726	12.39	
1/7/2021	BPD5	350	1042727	17.02	
1/7/2021	BT19	351	1042728	15.29	
1/7/2021	D11	352	1042729	17.38	
1/7/2021	D10	353	1042730	23.65	
1/7/2021	2	354	1042731	13.53	
1/7/2021	BPD5	355	1042732	17.74	
1/7/2021	KT10	356	1042733	15.05	
1/7/2021	BT19	357	1042734	16.24	
1/7/2021	D11	358	1042735	15.15	
1/7/2021	D10	359	1042736	19.04	
1/7/2021	2	360	1042737	13.75	
1/7/2021	KT10	361	1042738	12.09	
1/7/2021	KT12	362	1042739	14.06	
1/7/2021	BT19	363	1042740	15.63	
1/7/2021	BPD5	364	1042741	17.08	
1/7/2021	D11	365	1042742	19.1	
1/7/2020	D10	366	1042743	21.91	
1/11/2021	D9	367	1042744	21.5	
1/11/2021	KT12	368	1042745	10.82	
1/11/2021	KT10	369	1042746	10.56	
1/11/2021	D11	370	1042747	15.66	
1/11/2021	BT13	371	1042748	18.33	

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - January 30, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
1/11/2021	D10	372	1042749	20.7	
1/11/2021	BT19	373	1042750	14.83	
1/11/2021	BT19	374	1042751	18.47	
1/11/2021	BT10	375	1042752	17.11	
1/11/2021	D11	376	1042753	22.73	
1/11/2021	D10	377	1042754	23.1	
1/11/2021	BT19	378	1042755	18.94	
1/11/2021	BT13	379	1042756	22.47	
1/11/2021	D9	380	1042757	21.75	
1/11/2021	BT9	381	1042758	13.9	
1/11/2021	BT10	382	1042759	18.24	
1/11/2021	D11	383	1042760	23.37	
1/11/2021	KT12	384	1042761	12.93	
1/11/2021	KT10	385	1042762	12.26	
1/11/2021	D10	386	1042763	18.35	
1/11/2021	BT13	387	1042764	21.29	
1/11/2021	BT19	388	1042765	16.45	
1/11/2021	D9	389	1042766	16.4	
1/11/2021	KT12	390	1042767	15.97	
1/11/2021	BT10	391	1042768	14.74	
1/11/2021	KT10	392	1042769	20.18	
1/11/2021	BT9	393	1042770	22.24	
1/11/2021	D10	394	1042771	13.66	
1/11/2021	KT12	395	1042772	13.66	
1/12/2021	D9	396	1042773	19.74	
1/12/2021	D11	397	1042774	18.7	
1/12/2021	KT10	398	1042775	12.27	
1/12/2021	D10	399	1042776	20.91	
1/12/2021	D9	400	1042777	20.9	
1/12/2021	D10	401	1042778	19.92	
1/12/2021	D10	402	1042779	20.7	
1/12/2021	KT10	403	1042780	12.11	
1/12/2021	D9	404	1042781	22.22	
1/12/2021	D10	405	1042782	21.13	
1/12/2021	KT10	406	1042783	11.51	
1/12/2021	D11	407	1042784	13.36	
1/14/2021	D9	408	1042785	19.56	

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - January 30, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
1/14/2021	D9	409	1042786	20.38	
1/14/2021	D11	410	1042787	19.11	
1/14/2021	D10	411	1042788	20.06	
1/14/2021	D11	412	1042789	23.14	
1/14/2021	D9	413	1042790	19.92	
1/14/2021	D9	414	1042791	20.78	
1/14/2021	D9	415	1042792	19.3	
1/14/2021	D11	416	1042793	23.15	
1/14/2021	BT10	417	1042794	21.01	
1/15/2021	D10	418	1042795	20.98	
1/15/2021	BT9	419	1042796	17.74	
1/15/2021	D9	420	1042797	21.16	
1/15/2021	D11	421	1042798	20.85	
1/15/2021	D10	422	1042799	19.74	
1/15/2021	D11	423	1042800	22.07	
1/15/2021	D9	424	1042801	21.46	
1/15/2021	D10	425	1042802	18.59	
1/15/2021	D11	426	1042803	22.76	
1/22/2021	163	427	1042822	26.58	
1/22/2021	162	428	1042818	25.2	
1/22/2021	148	429	1042819	31.13	
1/22/2021	96	430	1042805	12.12	
1/22/2021	138	431	1042821	19.66	
1/29/2021	--	432	1042822	20.06	
1/29/2021	--	433	1042824	17.5	
Total				8,532.54	

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER
100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
Y6	1771739	

WEIGHMASTER: Keyona C.

DATE/TIME IN	DATE/TIME OUT
10/27/20 9:28 am	10/27/20 9:28 a

VEHICLE	CONTAINER
stat138	

REFERENCE: 1042561

BILL OF LADING:

SCALE IN GROSS WEIGHT 83,120 NET TONS 26.39
TARE OUT TARE WEIGHT 30,340 NET WEIGHT 52,780

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
26.39	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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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.

SIGNATURE _____

RS-F042UPR (04/19)

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042561

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1001/0739
[illegible]			

3. Generator's Name and Mailing Address	5. Generating Location (if different)
[illegible] Pipeline Company PO BOX 87 Paw Creek, NC 28130	[illegible] 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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027		704-262-0371

GENERATOR

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12573 9/17/2021	001	DT		Tons
b.					61629
c.					59780

21. Additional Descriptions for Materials Listed Above

194

22. Special Handling Instructions and Additional Information

[illegible]

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	Signature	Month	Day	Year
Chad Sparks	[signature]	10	27	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Cody W.	[signature]	10	27	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Kay	[signature]	[illegible]	[illegible]	[illegible]

TRANSPORTER #2

COM000033

REV 04/19

RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1771745	CELL	
WEIGHMASTER	Keyona C.		
DATE/TIME IN	10/27/20 9:38 am	DATE/TIME OUT	10/27/20 9:38 a
VEHICLE	STAT80	CONTAINER	
REFERENCE	1042560		
BILL OF LADING			

SCALE IN GROSS WEIGHT 64,400 NET TONS 17.99
TARE OUT TARE WEIGHT 28,420 NET WEIGHT 35,980

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
17.99	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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.

SIGNATURE _____

RS-F042UPR (04/19)

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042560

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of 1
[illegible]		

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
PO BOX 67 Paw Creek, NC 28213	14108 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	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT	Est 20	TONS
b.				1799	
c.				35980	

21. Additional Descriptions for Materials Listed Above

197

22. Special Handling Instructions and Additional Information

[illegible] STAT 190170

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	Signature	Month	Day	Year
Chad Spach		10	27	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Kenneth S Mach		10	27	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	11	10	20

TRANSPORTER #2

REV 04/19

COM000033
RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1771756	CELL
WEIGHMASTER	Keyona C.	
DATE/TIME IN 10/27/20 9:55 am		DATE/TIME OUT 10/27/20 9:55 a
VEHICLE dt83		CONTAINER
REFERENCE 1042570		
BILL OF LADING		

SCALE IN GROSS WEIGHT 62,120 NET TONS 17.61
TARE OUT TARE WEIGHT 26,900 NET WEIGHT 35,220

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
17.61	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042570

Please print or type.

1. Generator's US EPA ID Number CPC	Manifest Document Number	2. Page 1 of	Colonial Pipeline Company

3. Generator's Name and Mailing Address PO Box 87 Paw Creek, NC 28130	5. Generating Location (if different) [illegible] Rd. Paw Creek, NC 28072
4. Phone ( )	6. Phone ( )

7. Transporter #1 Company Name JTF	8. US EPA ID Number	9. Transporter #1's Phone [illegible]
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 [illegible] Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number	15. Facility's Phone 704-[illegible]-5371

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	0014-20-12679 5/17/2021	001	DT		T
b.					
c.					

21. Additional Descriptions for Materials Listed Above

198

22. Special Handling Instructions and Additional Information

[illegible]

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	Signature	Month	Day	Year
		10		20

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Darren [illegible]		10		20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR | TRANSPORTER | T/S/D FACILITY

GENERATOR'S COPY

TE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

USTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1771758	CELL	
WEIGHMASTER	Keyona C.		
DATE/TIME IN	10/27/20 9:56 am	DATE/TIME OUT	10/27/20 9:56 a
VEHICLE	STAT159	CONTAINER	
REFERENCE	1042571		
BILL OF LADING			

SCALE IN GROSS WEIGHT 62,380 NET TONS 15.69
TARE OUT TARE WEIGHT 31,000 NET WEIGHT 31,380

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
15.69	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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.

SIGNATURE _____

RS-F042UPR (04/19)

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042571

Please print or type.

1. Generator's US EPA ID Number CPC	Manifest Document Number	2. Page 1 of	Colonial Pipeline Company
3. Generator's Name and Mailing Address PO Box 87 Paw Creek, NC 28213		5. Generating Location (if different) 4 Old Mt Holly... Rd. Paw Creek, NC 28073	
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 704-2[illegible]-6371	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	6010-20-12078 9/17/2021	001	DT		T
b.				18119.	
c.				21580	

21. Additional Descriptions for Materials Listed Above

199

22. Special Handling Instructions and Additional Information

ERL 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	Signature	Month	Day	Year
[illegible]	[signature]	10	27	20

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
James R[illegible]	[signature]	10	27	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in item 19)

CMS Landfill 5105 Morehead Rd Concord, NC 28027 704-2[illegible]-6371

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	10	27	20

GENERATOR | TRANSPORTER | T/S/D FACILITY

TRANSPORTER #1

04/19

COM000033

RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1771766	CELL	
WEIGHMASTER	Keyona C.		
DATE/TIME IN	10/27/20 10:21 am	DATE/TIME OUT	10/27/20 10:21 a
VEHICLE	stat163	CONTAINER	
REFERENCE	1042572		
BILL OF LADING			

SCALE IN GROSS WEIGHT 84,520 NET TONS 27.02 INBOUND
TARE OUT TARE WEIGHT 30,480 NET WEIGHT 54,040 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
27.02	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042572

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
CPC		Colonial Pipeline Company

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
PO BOX 27 Paw Creek, NC 28213	14756 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	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 6105 Morehead Rd Concord, NC 28027	704-262-4371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				6708	
c.				54040	

21. Additional Descriptions for Materials Listed Above

200

22. Special Handling Instructions and Additional Information

BOL: STAT 190170

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	Signature	Month	Day	Year
Todd Dahl		10	27	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
TODD LAIL		10	27	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	10	27	20

TRANSPORTER #2

REV. 04/19

COM000033
RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6 | TICKET # 1771781 | CELL

WEIGHMASTER Keyona C.

DATE/TIME IN 10/27/20 10:25 am | DATE/TIME OUT 10/27/20 10:52 a

VEHICLE stat152 | CONTAINER

REFERENCE 1042573

BILL OF LADING

SCALE IN	GROSS WEIGHT	60,240	NET TONS	15.26
SCALE OUT	TARE WEIGHT	29,720	NET WEIGHT	30,520

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
15.26	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042573

Please print or type.

1. Generator's US EPA ID Number CPC	Manifest Document Number	2. Page 1 of	Colonial Pipeline Company

3. Generator's Name and Mailing Address [illegible] Paw Creek, NC 28213 4. Phone ( )	5. Generating Location (if different) [illegible] Rd. Paw Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address [illegible] Concord, NC 28027	14. US EPA ID Number 704-[illegible]-4371	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5015-20-12675 9/17/2021	001	DT		T
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

Bill: 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	Signature	Month	Day	Year
		10	27	20

GENERATOR

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		10	27	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Darrell Chandler	Darrell Chandler	10	27	20

TRANSPORTER

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in item 19)

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

GENERATOR'S COPY

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER ~~100170~~
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE	Y6	TICKET #	1771772
CELL			
WEIGHMASTER	Aly G.		
DATE/TIME IN	10/27/20 10:38 am	DATE/TIME OUT	10/27/20 10:38 a
VEHICLE	stat162	CONTAINER	
REFERENCE	1042574		
BILL OF LADING			

SCALE IN GROSS WEIGHT 55,200 NET TONS 12.25
TARE OUT TARE WEIGHT 30,700 NET WEIGHT 24,500

~~INBOUND~~
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
~~0.00~~	~~TD~~	~~Tracking QTY~~				
12.25	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 (07/12)

SIGNATURE _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042574

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
CPC			Colonial Pipeline Company

3. Generator's Name and Mailing Address
Paw Creek, NC 28213

5. Generating Location (if different)
Paw Creek, NC 28278

4. Phone ( )

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
JHI, INC		
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 NC 28027	14. US EPA ID Number 704-2[illegible]	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	[illegible]-20-12672 9/1/2021	01	[illegible]		T
b.				12	25
c.				24	500

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year
		10		

GENERATOR

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		10		

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
		10		20

T/S/D FACILITY

GENERATOR'S COPY

COM000033

REV 04/19

RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1771782	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	10/27/20 10:51 am	DATE/TIME OUT	10/27/20 10:51 a
VEHICLE	stat160	CONTAINER	
REFERENCE	1042575		
BILL OF LADING			

SCALE IN GROSS WEIGHT 78,620 NET TONS 23.35
TARE OUT TARE WEIGHT 31,920 NET WEIGHT 46,700

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	TD	Tracking QTY				
23.35	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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 (07/12)

SIGNATURE _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042575

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
CPC		Colonial Pipeline Company 1771782

GENERATOR

3. Generator's Name and Mailing Address
PO BOX 87
Paw Creek, NC 28213

5. Generating Location (if different)
15105 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 CWS Landfill 5105 Morehouse Rd Concord, NC 28027	14. US EPA ID Number 704-262-6271	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				2335	
c.				46700	

21. Additional Descriptions for Materials Listed Above
203

22. Special Handling Instructions and Additional Information
BIL: 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	Signature	Month	Day	Year
Chad Sink		10	27	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Maurice Wilson	Maurice Wilson	10	27	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CWS Landfill 5105 Morehouse Rd Concord, NC 28027 704-262-6271

Printed/Typed Name	Signature	Month	Day	Year
Amy	Amy	10	27	20

TRANSPORTER #2

REV 04/19

COM000033
RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1771759	CELL	
WEIGHMASTER	Keyona C.		
DATE/TIME IN	10/27/20 10:00 am	DATE/TIME OUT	10/27/20 10:00 a
VEHICLE	stat148	CONTAINER	
REFERENCE	1042576		
BILL OF LADING			

SCALE IN GROSS WEIGHT 69,520 NET TONS 19.66
TARE OUT TARE WEIGHT 30,200 NET WEIGHT 39,320

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
19.66	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042576

Please print or type.

GENERATOR

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
CPC		Colonial Pipeline Company

3. Generator's Name and Mailing Address: PO Box 87 Paw Creek, NC 28213

5. Generating Location (if different): 1410 Old Mount Holly Rd. / 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	**14. US EPA ID Number**	**15. Facility's Phone**
LES Landfill 5105 Morehead Rd Concord, NC 28027		704-262-8371

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				19,440	
c.				21,200	

21. Additional Descriptions for Materials Listed Above

204

22. Special Handling Instructions and Additional Information

SBL 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	Signature	Month	Day	Year
[illegible]	[signature]	10	27	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	10	27	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	10	27	20

TRANSPORTER #1

COM000033

RS-F15

REV 04/19

SITE

BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER

100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
Y6	1771796	

WEIGHMASTER	
Aly G.	

DATE/TIME IN	DATE/TIME OUT
10/27/20 11:16 am	10/27/20 11:16 a

VEHICLE	CONTAINER
stat138	

REFERENCE
1042577

BILL OF LADING

SCALE IN GROSS WEIGHT 73,140 NET TONS 21.40 INBOUND
TARE OUT TARE WEIGHT 30,340 NET WEIGHT 42,800 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
21.40	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#

RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042577

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
CPC		Colonial Pipeline Company

GENERATOR

3. Generator's Name and Mailing Address
PO Box 87
Paw Creek, NC 28213

4. Phone ( )

5. Generating Location (if different)
1841 Huntersville-Concord Rd.
Paw Creek, NC 28078

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**
CWS Landfill 5100 Brookdale Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				21	40
c.				42	820

21. Additional Descriptions for Materials Listed Above
705

22. Special Handling Instructions and Additional Information
SIR: 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	Signature	Month	Day	Year
Mark Sparks		10	27	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Cody Ward	Cody Ward	10	27	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Amy	Amy	10	27	20

TRANSPORTER #2

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE	Y6	TICKET #	1771804
CELL			
WEIGHMASTER	Aly G.		
DATE/TIME IN	10/27/20 11:27 am	DATE/TIME OUT	10/27/20 11:27 a
VEHICLE	STAT80	CONTAINER	
REFERENCE	1042578		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	64,400	NET TONS	17.99
TARE OUT	TARE WEIGHT	28,420	NET WEIGHT	35,980

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
17.99	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042578

Please print or type.

1. Generator's US EPA ID Number CPC	Manifest Document Number	2. Page 1 of 1	Colonial Pipeline Company 1771804
3. Generator's Name and Mailing Address PO BOX 87 Paw Creek, NC 28213		5. Generating Location (if different) 5108 Moorehead 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 704-282-6371	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT	EST 20	T
b.				17	99
c.				35	980

21. Additional Descriptions for Materials Listed Above

706

22. Special Handling Instructions and Additional Information

SRL 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	Signature	Month	Day	Year
Chad Wark	[signature]	10	27	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Kenneth S Mork	[signature]	10	27	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Aly	Aly	10	27	20

TRANSPORTER #2

COM000033

REV 04/19

RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6	**TICKET #** 1771853	**CELL**	
WEIGHMASTER	Aly G.		
DATE/TIME IN	10/27/20 1:22 pm	**DATE/TIME OUT**	10/27/20 1:22 p
VEHICLE	stat148	**CONTAINER**	
REFERENCE	1042580		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	82,880	NET TONS	26.34	INBOUND
TARE OUT	TARE WEIGHT	30,200	NET WEIGHT	52,680	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
26.34	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 (07/12)

SIGNATURE _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042580

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
CPC		Colonial Pipeline Company 1771803

3. Generator's Name and Mailing Address

Paw Creek, NC 28212

4. Phone ( )

5. Generating Location (if different) Rd.

Paw Creek, NC 28073

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	**14. US EPA ID Number**	**15. Facility's Phone**
, NC 28027		704-251-…

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated oil	5010-20-12073 9/17/2021	001	DT		T
b.				26	34
c.				32	150

21. Additional Descriptions for Materials Listed Above

08

22. Special Handling Instructions and Additional Information

SEC 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	Signature	Month	Day	Year

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
HLW	HLW	10	26	20

GENERATOR TRANSPORTER T/S/D FACILITY

GENERATOR'S COPY

COM00003

RS-F15

REV 04/19

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER ~~100170~~
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1771858	CELL	
WEIGHMASTER	Keyona C.		
DATE/TIME IN 10/27/20	1:42 pm	DATE/TIME OUT 10/27/20	1:42 p
VEHICLE STAT159		CONTAINER	
REFERENCE 1042581			
BILL OF LADING			

SCALE IN GROSS WEIGHT 73,280 NET TONS 21.14
TARE OUT TARE WEIGHT 31,000 NET WEIGHT 42,280

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
21.14	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042581

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
NCD [illegible]		Colonial Pipeline Company

GENERATOR

3. Generator's Name and Mailing Address
Pew Creek, NC 28172

4. Phone ( )

5. Generating Location (if different) Rd.
Pew Creek, NC 28078

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address, NC 28027	14. US EPA ID Number	15. Facility's Phone
	704-262-9871	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	6018-20-12078 9/17/2021	001	DT		T
b.				31.41	
c.				41.28	

21. Additional Descriptions for Materials Listed Above
240

22. Special Handling Instructions and Additional Information
EMG STAT [illegible]

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	Signature	Month	Day	Year
[illegible]		10	27	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
James Robb [illegible]		10	27	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in item 19)

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	[illegible]		

TRANSPORTER #1

REV 04/19

COM000033
RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1771869	CELL
WEIGHMASTER	Keyona C.	
DATE/TIME IN 10/27/20 1:54 pm		DATE/TIME OUT 10/27/20 1:54 p
VEHICLE stat163		CONTAINER
REFERENCE 1042582		
BILL OF LADING		

SCALE IN GROSS WEIGHT 73,080 NET TONS 21.30 INBOUND
TARE OUT TARE WEIGHT 30,480 NET WEIGHT 42,600 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
21.30	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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042582

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
CPC			Colonial Pipeline Company 1171718009

3. Generator's Name and Mailing Address: PO Box 87 / Paw Creek, NC 28213

5. Generating Location (if different): 7151 Old Mount Holly 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	15. Facility's Phone: 704-262-8371

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	6010-20-12078 9/17/2021	001	DT		T
b.				2130	
c.				48600	

21. Additional Descriptions for Materials Listed Above

210

22. Special Handling Instructions and Additional Information

SR: 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	Signature	Month	Day	Year
Chad Smith	[signature]	10	27	20

GENERATOR

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
TODD LAIL	[signature]	10	27	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	10	27	20

T/S/D FACILITY

TRANSPORTER #2

COM000033

REV 04/19

RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1771905	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	10/27/20 3:05 pm	DATE/TIME OUT	10/27/20 3:05 p
VEHICLE	stat160	CONTAINER	
REFERENCE	1042583		
BILL OF LADING			

SCALE IN GROSS WEIGHT 79,540 NET TONS 23.81
TARE OUT TARE WEIGHT 31,920 NET WEIGHT 47,620

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
23.81	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042583

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
CPC		Colonial Pipeline Company 1771805

GENERATOR

3. Generator Name and Mailing Address	5. Generator Location (if different)
PO Box 1479 Paw Creek, NC 28213	1651 Greenwood Rd. Paw Creek, NC 28074
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 704-262-4371	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				23.81	
c.				47.20	

21. Additional Descriptions for Materials Listed Above

211

22. Special Handling Instructions and Additional Information

BIL: STAT 120170

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	Signature	Month	Day	Year
Andy Starks		10	27	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Marlene Wilson	Marlene Wilson	10	27	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Amy	Amy	10	27	20

TRANSPORTER #2

REV 04/19

COM000033
RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1771899	CELL	
WEIGHMASTER	Keyona C.		
DATE/TIME IN	10/27/20 2:52 pm	DATE/TIME OUT	10/27/20 2:52 p
VEHICLE	stat162	CONTAINER	
REFERENCE	1042584		
BILL OF LADING			

SCALE IN GROSS WEIGHT 80,780 NET TONS 25.04 INBOUND
TARE OUT TARE WEIGHT 30,700 NET WEIGHT 50,080 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
25.04	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042584

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
NCR [illegible]		Colonial Pipeline Company

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
New Creek, NC [illegible]	New Creek, NC 26870
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 [illegible]	14. US EPA ID Number	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	[illegible]				
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR'S COPY

REV 04/19

COM000033
RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1771893	CELL	
WEIGHMASTER	Keyona C.		
DATE/TIME IN	10/27/20 2:39 pm	DATE/TIME OUT	10/27/20 2:39 p
VEHICLE	stat152	CONTAINER	
REFERENCE	1042585		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	87,620	NET TONS	28.95
TARE OUT	TARE WEIGHT	29,720	NET WEIGHT	57,900

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
28.95	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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042585

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
UPC			[illegible]

3. Generator's Name and Mailing Address	5. Generating Location (if different)
[illegible]	[illegible]
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 [illegible]	14. US EPA ID Number [illegible]	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	[illegible] [illegible]	[illegible]	[illegible]		T
b.				[illegible]	
c.				[illegible]	

21. Additional Descriptions for Materials Listed Above

[illegible]

22. Special Handling Instructions and Additional Information

[illegible]

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	Signature	Month	Day	Year
[illegible]	[signature]	10	27	20

GENERATOR

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Darrell Chandler	[signature]	10	27	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

T/S/D FACILITY

GENERATOR'S COPY

COM000033

REV 04/19 RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE	Y6	TICKET #	1771915
CELL			
WEIGHMASTER	Aly G.		
DATE/TIME IN	10/27/20 3:29 pm	DATE/TIME OUT	10/27/20 3:29 p
VEHICLE	stat138	CONTAINER	
REFERENCE	1042586		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	78,400	NET TONS	24.03	INBOUND
TARE OUT	TARE WEIGHT	30,340	NET WEIGHT	48,060	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
24.03	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042586

Please print or type.

1. Generator's US EPA ID Number CPC	Manifest Document Number	2. Page 1 of	Colonial Pipeline Company 177915

3. Generator's Name and Mailing Address PO BOX 87 Paw Creek, NC 28213	5. Generating Location (If Different) 1616 ... 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	15. Facility's Phone 704-262-8371

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 8/17/2021	001	DT		T
b.				24	03
c.				48	000

21. Additional Descriptions for Materials Listed Above

214

22. Special Handling Instructions and Additional Information

BK: STAT 180170

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	Signature	Month	Day	Year
Chad Sparks	[signature]			

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Amy	Amy	10	27	20

GENERATOR / TRANSPORTER / T/S/D FACILITY

TRANSPORTER #2

COM000033

RS-F15

REV 04/19

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER ~~100170~~
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1772014	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN 10/28/20 8:40 am		DATE/TIME OUT 10/28/20 8:40 a	
VEHICLE stat148		CONTAINER	
REFERENCE 1042587			
BILL OF LADING			

SCALE IN GROSS WEIGHT 89,400 NET TONS 29.60 INBOUND
TARE OUT TARE WEIGHT 30,200 NET WEIGHT 59,200 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
29.60	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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042587

11/17/2014

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
CPC		Colonial Pipeline Company

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
Paw Creek, NC 28213	Paw Creek, NC 28078
4. Phone ( )	6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Numbar	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/SD Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
NC 28027		704-[illegible]

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021				
b.				29	60
c.				59	200

21. Additional Descriptions for Materials Listed Above

215

22. Special Handling Instructions and Additional Information

BIR: 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	Signature	Month	Day	Year
[illegible]	[signature]	10	26	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	10	26	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Alij	Alij	10	27	20

TRANSPORTER #1

COM000033

REV 04/19

RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1771930	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	10/27/20 4:19 pm	DATE/TIME OUT	10/27/20 4:19 p
VEHICLE	STAT80	CONTAINER	
REFERENCE	1042588		
BILL OF LADING			

SCALE IN GROSS WEIGHT 66,820 NET TONS 19.20
TARE OUT TARE WEIGHT 28,420 NET WEIGHT 38,400

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
19.20	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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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.

SIGNATURE _____

RS-F042UPR (04/19)

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042588

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
CPC		Colo[illegible] Company 1771930

3. Generator's Name and Mailing Address	5. Generating Location (If Different)
[illegible] Paw Creek, NC 28213	[illegible] 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	14. US EPA ID Number	15. Facility's Phone
[illegible], NC 28027		704-[illegible]

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	8010-20-12078 9/17/2021	001	DT	Est 20	T
b.				19	20
c.				38	400

21. Additional Descriptions for Materials Listed Above

216

22. Special Handling Instructions and Additional Information

GIR: 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	Signature	Month	Day	Year
Chad Sparks	[signature]	10	27	20

GENERATOR

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Kenneth S Morch	[signature]	10	27	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Aly	Aly	10	27	20

T/S/D FACILITY

TRANSPORTER #2

COM000033

REV 04/19

RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1771933	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	10/27/20 4:34 pm	DATE/TIME OUT	10/27/20 4:34 p
VEHICLE	dt83	CONTAINER	
REFERENCE	1042589		
BILL OF LADING			

SCALE IN GROSS WEIGHT 64,900 NET TONS 19.00
TARE OUT TARE WEIGHT 26,900 NET WEIGHT 38,000

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
19.00	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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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.

SIGNATURE _____

RS-F042UPR (04/19)

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042589

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
NPC		

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
New Bern, NC 28563	New Bern, NC 28560
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, NC 28027	**14. US EPA ID Number**	**15. Facility's Phone**

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contamination soil					T
b.				1400	
c.				33000	

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Darren Sides				

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
		10	27	20

GENERATOR'S COPY

REV 04/19

COM000033
RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE	Y6	TICKET #	1772011
CELL			
WEIGHMASTER	Aly G.		
DATE/TIME IN	10/28/20 8:37 am	DATE/TIME OUT	10/28/20 8:37 a
VEHICLE	STAT159	CONTAINER	
REFERENCE	1042590		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	83,280	NET TONS	26.14
TARE OUT	TARE WEIGHT	31,000	NET WEIGHT	52,280

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
26.14	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042590

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
NC		Colonial Pipeline Company 11160

GENERATOR

3. Generator's Name and Mailing Address
Paw Creek, NC 28213

4. Phone ( )

5. Generator's Location Address (if different)
1436 Huntersville-Concord Rd.
Paw Creek, NC 28075

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/SD Facility Name and Site Address, NC 28027	14. US EPA ID Number	15. Facility's Phone
		704-262-4571

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	8011-20-12074 9/17/2021	(1)	DT		T
b.				24	14
c.				52280	

21. Additional Descriptions for Materials Listed Above
218

22. Special Handling Instructions and Additional Information
WR: 9TAT 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	Signature	Month	Day	Year
Mike Wade		10	27	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
James Robbins		10	27	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/SD FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
AW	AW	10	27	20

TRANSPORTER #1

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1772013	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	10/28/20 8:39 am	DATE/TIME OUT	10/28/20 8:39 a
VEHICLE	stat163	CONTAINER	
REFERENCE	1042591		
BILL OF LADING			

SCALE IN GROSS WEIGHT 86,400 NET TONS 27.96 INBOUND
TARE OUT TARE WEIGHT 30,480 NET WEIGHT 55,920 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
27.96	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042591

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
CPC		Colonial Pipeline Company	7/7/2013

GENERATOR

3. Generator Name and Mailing Address
Pow Creek, NC 28213

4. Phone ( )

5. Facility Name and Site Address
Pow Creek, NC 28078

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
13. Designated Facility Name and Site Address, NC 28027	**14. US EPA ID Number**	**15. Facility's Phone**
		704-262-5371

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5011-20-13078 9/17/2021	001	DT		T
b.				2796	
c.				55920	

21. Additional Descriptions for Materials Listed Above
219

22. Special Handling Instructions and Additional Information
ERI: 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	Signature	Month	Day	Year
Chad Smith		10	27	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
TODD LAIL		10	27	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Ally	Ally	10	27	20

TRANSPORTER #2

REV 04/19

COM000033
RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1772015	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	10/28/20 8:41 am	DATE/TIME OUT	10/28/20 8:41 a
VEHICLE	dt83	CONTAINER	
REFERENCE	1042592		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	64,120	NET TONS 18.61	INBOUND
TARE OUT	TARE WEIGHT	26,900	NET WEIGHT 37,220	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
18.61	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC® SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042592

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	Colonial Pipeline Company
CPC			17-0-15

3. Generator's Name and Mailing Address
Paw Creek, NC 28213

4. Phone ( )

5. Generating Location (if different)
Paw Creek, NC 28073

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, NC 28027	14. US EPA ID Number	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	9/17/2021	001			T
b.				18	U1
c.				35	220

21. Additional Descriptions for Materials Listed Above

220

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year
			25	20

GENERATOR

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		10	25	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
HW	HW	10	26	20

T/S/D FACILITY

GENERATOR'S COPY

COM000033

REV 04/19

RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER ~~100170~~
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1772026	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	10/28/20 9:04 am	DATE/TIME OUT	10/28/20 9:04 a
VEHICLE	stat160	CONTAINER	
REFERENCE	1042593		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	86,420	NET TONS 27.25	INBOUND
TARE OUT	TARE WEIGHT	31,920	NET WEIGHT 54,500	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
27.25	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042593

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
GFC		Colonial Pipeline Company 1777024

GENERATOR

3. Generator's Name and Mailing Address
Paw Creek, NC 28213

4. Phone ( )

5. Generating Location (if different) Rd.
Paw Creek, NC 28078

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated Facility Name and Site Address, NC 28027

14. US EPA ID Number 704-262-4071

15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12076 9/17/2021	001	DT		T
b.				27	25
c.				54	500

21. Additional Descriptions for Materials Listed Above
221

22. Special Handling Instructions and Additional Information
SHL 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	Signature	Month	Day	Year
Chad York		10	28	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Cody W	Cody W			

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Ally	Ally	10	28	20

TRANSPORTER #2

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:GATE RATE

SITE Y6	TICKET # 1772032	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN 10/28/20 9:20 am		DATE/TIME OUT 10/28/20 9:20 a	
VEHICLE stat160		CONTAINER	
REFERENCE 1042594			
BILL OF LADING			

SCALE IN	GROSS WEIGHT	86,140	NET TONS 27.11	INBOUND
TARE OUT	TARE WEIGHT	31,920	NET WEIGHT 54,220	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
27.11	tn	MSW Origin:MECKLENBURG 100%				

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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042594

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
CPC		Colonial Pipeline Company 1772032

GENERATOR

3. Generator's Name and Mailing Address
PO Box 97
Paw Creek, NC 28213

4. Phone ( )

5. Generating Location (if different)
1612 Huntersville-Concord Rd.
Paw Creek, NC 28072

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
STAT INC	NCD980799142	
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated Facility Name and Site Address, NC 28027	14. US EPA ID Number	15. Facility's Phone
		704-262-0377

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				27	11
c.				54	220

21. Additional Descriptions for Materials Listed Above
222

22. Special Handling Instructions and Additional Information
BIL: 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	Signature	Month	Day	Year
Mac Pate		10	28	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Maurice Wilson	Maurice Wilson	10	28	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Amy	Amy	10	28	20

TRANSPORTER #2

REV 04/19

COM000033
RS-F15

SITE BFI/CMS LANDFILL 704-782-200
5105 MOREHEAD RD CONCORD,) °025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1772065	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	10/28/20 10:13 am	DATE/TIME OUT	10/28/20 10:13 a
VEHICLE	dt84	CONTAINER	
REFERENCE	1042595		
BILL OF LADING			

SCALE IN GROSS WEIGHT 63,140 NET TONS 18.07
TARE OUT TARE WEIGHT 27,000 NET WEIGHT 36,140

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
18.07	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042595

Please print or type.

1. Generator's US EPA ID Number [illegible]	Manifest Document Number	2. Page 1 of

Colonial Pipeline Company [illegible]

3. Generator's Name and Mailing Address
Paw Creek, NC [illegible]

4. Phone ( )

5. Generating Location (if different) [illegible]
Paw Creek, NC [illegible]

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
STAT INC	NCD980799142	828-396-2304
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 [illegible], NC [illegible]	14. US EPA ID Number [illegible]	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	[illegible] [illegible]	[illegible]	DT		T
b.				13	07
c.				26	40

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information
[illegible] STAT [illegible]

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	Signature	Month	Day	Year
[illegible]	[signature]	10	28	20

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
DANNY ROARK	[signature]	10	28	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	10	[illegible]	20

GENERATOR | TRANSPORTER | T/S/D FACILITY

REV 04/19

GENERATOR'S COPY

COM000033

RS-F15

CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE	Y6	TICKET #	1772045
CELL			
WEIGHMASTER	Aly G.		
DATE/TIME IN	10/28/20 9:52 am	DATE/TIME OUT	10/28/20 9:52 a
VEHICLE	stat152	CONTAINER	
REFERENCE	1042596		
BILL OF LADING			

SCALE IN GROSS WEIGHT 74,320 NET TONS 22.30
TARE OUT TARE WEIGHT 29,720 NET WEIGHT 44,600

INBOUND
INVOICE

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
22.30	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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.

F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042596

GENERATOR

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
[illegible]		Colonial Pipeline Company

3. Generator's Name and Mailing Address	5. Generating Location (if different)
Pea Creek, NC 28574	Pea Creek, NC 28574
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, NC 28627	14. US EPA ID Number	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	[illegible]				T
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year
[illegible]				

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]				

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	10	16	20

REV 04/19

GENERATOR'S COPY

COM000033

RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6 | TICKET # 1772053 | CELL

WEIGHMASTER Aly G.

DATE/TIME IN 10/28/20 10:03 am | DATE/TIME OUT 10/28/20 10:03 a

VEHICLE STAT80 | CONTAINER

REFERENCE 1042597

BILL OF LADING

SCALE IN GROSS WEIGHT 67,320 NET TONS 19.45
TARE OUT TARE WEIGHT 28,420 NET WEIGHT 38,900

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
19.46	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042597

Please print or type.

1. Generator's US EPA ID Number CPC	Manifest Document Number	2. Page 1 of 1	Colonial Pipeline Company 1772063

3. Generator's Name and Mailing Address
PO BOX 87
Paw Creek, NC 28213

4. Phone ( )

5. Generating Location (if different)
15723 Huntersville-Concord Rd.
Paw Creek, NC 28078

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated TSD Facility Name and Site Address: CMS Landfill 5105 Morehead Rd. Concord, NC 28027	14. US EPA ID Number	15. Facility's Phone 704-782-6974

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	6010-20-12073 9/17/2021	001	DT	Est 20	T
b.				1945	
c.				38900	

21. Additional Descriptions for Materials Listed Above

225

22. Special Handling Instructions and Additional Information

EDI: 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	Signature	Month	Day	Year
Chad Cook	[signature]	10	26	20

GENERATOR

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Kenneth S Moore	[signature]	10	28	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

26. Discrepancy Indication Space

CMS LANDFILL 5105 MOREHEAD RD CONCORD NC 28027 704-782-6974

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Amy	Amy	10	28	20

T/S/D FACILITY

REV 04/19

TRANSPORTER #2

COM000033

RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER ~~100170~~
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1772073	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	10/28/20 10:26 am	DATE/TIME OUT	10/28/20 10:26 a
VEHICLE	dt83	CONTAINER	
REFERENCE	1042598		
BILL OF LADING			

SCALE IN GROSS WEIGHT 61,320 NET TONS 17.21
TARE OUT TARE WEIGHT 26,900 NET WEIGHT 34,420

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
17.21	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042598

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
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	14. US EPA ID Number	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.					T
b.				17	21
c.				4420	

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

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 certity 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	Signature	Month	Day	Year
		10	23	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Darren Sides		10	23	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
HW	HW	10	23	20

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1772083	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	10/28/20 10:45 am	DATE/TIME OUT	10/28/20 10:45 a
VEHICLE	stat148	CONTAINER	
REFERENCE	1042599		
BILL OF LADING			

SCALE IN GROSS WEIGHT 83,960 NET TONS 26.88
TARE OUT TARE WEIGHT 30,200 NET WEIGHT 53,760

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
26.88	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042599

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
CPC		Colonial Pipeline Company 772083

GENERATOR

3. Generator's Name and Mailing Address
PO Box 87
Paw Creek, NC 28213

5. Generating Location (if different)
16128 Mountainside Crossing 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&D Facility Name and Site Address, NC 28027

14. US EPA ID Number

704-262-0317 Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-13078 9/17/2021	001	DT		T
b.				2688	
c.				53760	

21. Additional Descriptions for Materials Listed Above
227

22. Special Handling Instructions and Additional Information
Bill: GTAT 100179

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	Signature	Month	Day	Year
Mike Sparks		10	27	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Michael Dula		10	27	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space
CMS LANDFILL: EACH CONTAINER HAS PCMC TAG, NC PERMIT 704-262-0274

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
AMY	AMY	10	27	20

REV 04/19

TRANSPORTER #2

COM000033
RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE	Y6	TICKET #	1772089
CELL			
WEIGHMASTER	Aly G.		
DATE/TIME IN	10/28/20 10:58 am	DATE/TIME OUT	10/28/20 10:58 a
VEHICLE	stat162	CONTAINER	
REFERENCE	1042600		
BILL OF LADING			

SCALE IN GROSS WEIGHT 78,440 NET TONS 23.87
TARE OUT TARE WEIGHT 30,700 NET WEIGHT 47,740

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
23.87	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042600

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
[illegible]		[illegible]

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
[illegible]	[illegible]
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	**14. US EPA ID Number**	**15. Facility's Phone**
[illegible]	[illegible]	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. [illegible]	[illegible]	001	[illegible]	[illegible]	T
b.				23	87
c.				47	740

21. Additional Descriptions for Materials Listed Above

[illegible]

22. Special Handling Instructions and Additional Information

[illegible]

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	Signature	Month	Day	Year
[illegible]	[illegible]			

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]			

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

[illegible]

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Aly	Aly	10	13	20

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE	Y6	TICKET #	1772102
CELL			
WEIGHMASTER	Keyona C.		
DATE/TIME IN	10/28/20 11:27 am	DATE/TIME OUT	10/28/20 11:27 a
VEHICLE	stat163	CONTAINER	
REFERENCE	1042601		
BILL OF LADING			

SCALE IN GROSS WEIGHT 84,040 NET TONS 26.78
TARE OUT TARE WEIGHT 30,480 NET WEIGHT 53,560

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
26.78	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042601

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
CPC		Colonial Pipeline Company

GENERATOR

3. Generator's Name and Mailing Address
Pew Creek, NC 28213

3. Generating Location (if different)
Pew 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	14. US EPA ID Number	Facility's Phone
CMS Landfill 5105 Moorland Rd Concord, NC 28027	704-262-4374	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				9178	
c.				05560	

21. Additional Descriptions for Materials Listed Above
129

22. Special Handling Instructions and Additional Information
EM: 9TAT 100179

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	Signature	Month	Day	Year
Chad Jack		10	23	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
TODD LAIL		10	23	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space
CMS LANDFILL 5105 MOORLAND RD CONCORD, NC 28027 704-262-4374

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	10	25	20

TRANSPORTER #2

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER ~~100170~~
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1772184	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	10/28/20 2:19 pm	DATE/TIME OUT	10/28/20 2:19 p
VEHICLE	STAT159	CONTAINER	
REFERENCE	1042602		
BILL OF LADING			

SCALE IN GROSS WEIGHT 81,760 NET TONS 25.38
TARE OUT TARE WEIGHT 31,000 NET WEIGHT 50,760

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
25.38	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042602

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
NC		Colonial Pipeline Company 1772184

GENERATOR

3. Generator's Name and Mailing Address
Pow Creek, NC 28218

4. Phone ( )

5. Generating Location (if different)
New Creek, NC 28078

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	Facility's Phone
[redacted], NC 28027	704-262-4374	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				2538	
c.				Contd	

21. Additional Descriptions for Materials Listed Above
230

22. Special Handling Instructions and Additional Information
BIL 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	Signature	Month	Day	Year
[illegible]	[signature]	1	21	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
James Robb	[signature]	10	28	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space
[redacted] LANDFILL 5105 MOORESHEAD RD CONCORD, NC 28027 704-262-4374

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19).

Printed/Typed Name	Signature	Month	Day	Year
Any	Any	10	28	20

TRANSPORTER #1

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1772202	CELL	
WEIGHMASTER	Keyona C.		
DATE/TIME IN	10/28/20 2:51 pm	DATE/TIME OUT	10/28/20 2:51 p
VEHICLE	stat160	CONTAINER	
REFERENCE	1042603		
BILL OF LADING			

SCALE IN GROSS WEIGHT 81,380 NET TONS 24.73
TARE OUT TARE WEIGHT 31,920 NET WEIGHT 49,460

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
24.73	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042603

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
CPC		Colonial Pipeline Company

GENERATOR

3. Generator's Name and Mailing Address
Paw Creek, NC 28213

4. Phone ( )

5. Generating Location (if different)
Paw Creek, NC 28078

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
STAT INC.	NCD980799142	828-396-2304
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: [illegible] Concord, NC 28027	14. US EPA ID Number 704-262-4374	Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				24	13
c.				49	400

21. Additional Descriptions for Materials Listed Above
231

22. Special Handling Instructions and Additional Information
PO#: 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	Signature	Month	Day	Year
[illegible]		10	28	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Maurice Wilson	Maurice Wilson	10	28	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space
[illegible] LANDFILL 4445 MOREHEAD RD CONCORD, NC 28027 704-262-4374

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	10	28	20

TRANSPORTER #2

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1772195	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	10/28/20 2:38 pm	DATE/TIME OUT	10/28/20 2:38 p
VEHICLE	stat138	CONTAINER	
REFERENCE	1042604		
BILL OF LADING			

SCALE IN GROSS WEIGHT 75,400 NET TONS 22.53
TARE OUT TARE WEIGHT 30,340 NET WEIGHT 45,060

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	TD	Tracking QTY				
22.53	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042604

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
CPC [illegible]		Colonial Pipeline Company 1772195

GENERATOR

3. Generator's Name and Mailing Address
Paw Creek, NC 28213

4. Phone ( )

5. Generating Location (if different)
Paw Creek, NC 28078

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address, NC 28027	14. US EPA ID Number NCD 982 [illegible]	Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		G
b.				22	53
c.				45	0000

21. Additional Descriptions for Materials Listed Above
752

22. Special Handling Instructions and Additional Information
Bill: 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	Signature	Month	Day	Year
[illegible]		10	[illegible]	[illegible]

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	10	[illegible]	[illegible]

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space
CMS LANDFILL 5105 NORTHEAST RD CONCORD, NC 28027 704-267-6374

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Any	Any	10	28	20

TRANSPORTER #2

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE 6 | TICKET # 1772208 | CELL

WEIGHMASTER Keyona C.

DATE/TIME IN 10/28/20 3:06 pm | DATE/TIME OUT 10/28/20 3:06 p

VEHICLE STAT80 | CONTAINER

REFERENCE 1042605

BILL OF LADING

SCALE IN GROSS WEIGHT 65,560 NET TONS 18.57
TARE OUT TARE WEIGHT 28,420 NET WEIGHT 37,140

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
18.57	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042605

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of 1
NCR [illegible]		

GENERATOR

3. Generator's Name and Mailing Address
Colonial Pipeline Company
[illegible] Huntersville-Concord Rd.
Paw Creek, NC 28213

4. Phone ( )

5. Generating Location (if different)
Paw Creek, NC 28073

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	14. US EPA ID Number	Facility's Phone
CMS Landfill 5105 Moorehead Rd Concord, NC 28027	704-262-0371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12073 8/17/2021	DT	W	EST 20	G
b.				18 EST	
c.				37 HO	

21. Additional Descriptions for Materials Listed Above
233

22. Special Handling Instructions and Additional Information
SW: 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	Signature	Month	Day	Year
[illegible]	[signature]	10	28	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Kenneth S Morris	[signature]	10	28	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space
CMS LANDFILL 5105 MOOREHEAD RD CONCORD, NC 28027 704-262-0371

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in item 19)

Printed/Typed Name	Signature	Month	Day	Year
Kelly	Kelly	10	28	20

TRANSPORTER #2

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6 | TICKET # 1772214 | CELL

WEIGHMASTER Keyona C.

DATE/TIME IN 10/28/20 3:28 pm | DATE/TIME OUT 10/28/20 3:28 p

VEHICLE stat152 | CONTAINER

REFERENCE 1042606

BILL OF LADING

SCALE IN GROSS WEIGHT 77,640 NET TONS 23.96 INBOUND
TARE OUT TARE WEIGHT 29,720 NET WEIGHT 47,920 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
23.96	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042606

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	[illegible]
3. Generator's Name and Mailing Address Paw Creek, NC [illegible] 4. Phone ( )		5. Generating Location (if different) Paw Creek, NC [illegible] 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 [illegible]	14. US EPA ID Number [illegible]	15. Facility's Phone	

GENERATOR

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	[illegible] [illegible]				
b.				23.96	
c.				47720	

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information
[illegible]

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	Signature	Month	Day	Year
		10	28	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Darrell Chandler	Darrell Chandler	10	28	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

[illegible]

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	10	2	20

REV 04/19 GENERATOR'S COPY COM000033

RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5185 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE	Y6	TICKET #	1772218
CELL			
WEIGHMASTER	Keyona C.		
DATE/TIME IN	10/28/20 3:36 pm	DATE/TIME OUT	10/28/20 3:36 p
VEHICLE	dt84	CONTAINER	
REFERENCE	I042607		
BILL OF LADING			

SCALE IN GROSS WEIGHT 65,960 NET TONS 19.48
TARE OUT TARE WEIGHT 27,000 NET WEIGHT 38,960

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
19.48	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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)

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REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042607

GENERATOR

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of

3. Generator's Name and Mailing Address
Colonial Pipeline Company
Paw Creek, NC 28213

4. Phone ( )

5. Generating Location (if different)
Paw Creek, NC 28213

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
START TNC	NCR000799142	818-394-2304
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	14. US EPA ID Number	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12072 9/17/2021				
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information
BM. 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	Signature	Month	Day	Year
		10	29	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
DONNY ROARK		10	29	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year

REV 04/19

GENERATOR'S COPY

COM000033
RS-F15

LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE	Y6	TICKET #	1772223
CELL			
WEIGHMASTER	Keyona C.		
DATE/TIME IN	10/28/20 3:58 pm	DATE/TIME OUT	10/28/20 3:58 P
VEHICLE	dt83	CONTAINER	
REFERENCE	1042609		
BILL OF LADING			

SCALE IN GROSS WEIGHT 68,600 NET TONS 20.85
TARE OUT TARE WEIGHT 26,900 NET WEIGHT 41,700

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
20.85	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042609

GENERATOR

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of

3. Generator's Name and Mailing Address

4. Phone ( )

5. Generating Location (if different)

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	14. US EPA ID Number	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.					
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year

REV 04/19

GENERATOR'S COPY

COM000033

RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1772224	CELL	
WEIGHMASTER	Keyona C.		
DATE/TIME IN	10/28/20 4:00 pm	DATE/TIME OUT	10/28/20 4:00 p
VEHICLE	stat162	CONTAINER	
REFERENCE	1042610		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	70,780	NET TONS	20.04
TARE OUT	TARE WEIGHT	30,700	NET WEIGHT	40,080

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
20.04	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042610

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
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	14. US EPA ID Number	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.					
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year

REV 04/19

GENERATOR'S COPY

COM000033
RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1772233	CELL	
WEIGHMASTER	Keyona C.		
DATE/TIME IN	10/28/20 4:27 pm	DATE/TIME OUT	10/28/20 4:27 p
VEHICLE	STAT159	CONTAINER	
REFERENCE	1042611		
BILL OF LADING			

SCALE IN GROSS WEIGHT 81,140 NET TONS 25.07
TARE OUT TARE WEIGHT 31,000 NET WEIGHT 50,140

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
25.07	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042611

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
NCD [illegible]		

GENERATOR

3. Generator's Name and Mailing Address
Pine Creek, NC 28213

4. Phone ( )

5. Generating Location (if different)
Pine Creek, NC 28078

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
[illegible]		

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
[illegible]	[illegible]	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	[illegible]	[illegible]		G
b.				2E	DT
c.				50	40

21. Additional Descriptions for Materials Listed Above
[illegible]

22. Special Handling Instructions and Additional Information
SUB STAT 100-70

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	Signature	Month	Day	Year
		10	28	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
James Robbins		10	28	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space
CMS LANDFILL 5185 KOPPERHEAD 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	Signature	Month	Day	Year
Kay	Kay	10	28	20

TRANSPORTER #1

REV 04/19

COM000033
RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1772230	CELL	
WEIGHMASTER	Keyona C.		
DATE/TIME IN	10/28/20 4:15 pm	DATE/TIME OUT	10/28/20 4:15 I
VEHICLE	stat163	CONTAINER	
REFERENCE	1042612		
BILL OF LADING			

SCALE IN GROSS WEIGHT 77,400 NET TONS 23.46 INBOUND
TARE OUT TARE WEIGHT 30,480 NET WEIGHT 46,920 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
23.46	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042612

Please print or type.

1. Generator's US EPA ID Number CPC PO BOX 87	Manifest Document Number	2. Page 1 of	Colonial Pipeline Company 14xxx Mt Holly-Huntersville Concord Rd. 1110830

3. Generator's Name and Mailing Address Paw Creek, NC 28213	5. Generating Location (if different) 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	15. Facility's Phone 704-262-6371

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	15		G
b.				78840	
c.				46920	

21. Additional Descriptions for Materials Listed Above

239

22. Special Handling Instructions and Additional Information

BM: 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	Signature	Month	Day	Year
[illegible]	[signature]	10	28	20

GENERATOR

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
TODD LAIL	[signature]	10	28	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

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	Signature	Month	Day	Year
Kay	Kay	10	28	20

T/S/D FACILITY

REV 04/19 TRANSPORTER #2 COM000033 RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1772280	CELL	
WEIGHMASTER	Keyona C.		
DATE/TIME IN	10/29/20 8:02 am	DATE/TIME OUT	10/29/20 8:02 a
VEHICLE	stat160	CONTAINER	
REFERENCE	1042613		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	74,540	NET TONS	21.31
TARE OUT	TARE WEIGHT	31,920	NET WEIGHT	42,620

INBOUND
INVOICE

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
21.31	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 (07/12)

SIGNATURE _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042613

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			Colonial Pipeline Company 11108080

3. Generator's Name and Mailing Address
PO BOX 27
Paw Creek, NC 28213

5. Generating Location (if different)
14105 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	15. Facility's Phone: 704-262-6371

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	6019-20-12078 9/17/2021	001	DT		
b.				8131	
c.				49620	

21. Additional Descriptions for Materials Listed Above

940

22. Special Handling Instructions and Additional Information
EM: 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	Signature	Month	Day	Year
[illegible]	[signature]	10	28	20

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Maurice Wilson	Maurice Wilson	10	28	20

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 704-262-6371

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	10	29	20

GENERATOR / TRANSPORTER / T/S/D FACILITY

REV 04/19

TRANSPORTER #2

COM000033

RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE	Y6	TICKET #	1772236
CELL			
WEIGHMASTER	Keyona C.		
DATE/TIME IN	10/28/20 4:40 pm	DATE/TIME OUT	10/28/20 4:40 p
VEHICLE	stat138	CONTAINER	
REFERENCE	1042614		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	75,940	NET TONS	22.80
TARE OUT	TARE WEIGHT	30,340	NET WEIGHT	45,600

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
22.80	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042614

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	4. Colonial Pipeline Company 1110230
3. Generator's Name and Mailing Address [illegible] Paw Creek, NC 28213 4. Phone ( )		5. Generating Location (if different) [illegible] Paw Creek, NC 28078 6. Phone ( )	
7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone	
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone	
13. Designated T/S/D Facility Name and Site Address CES Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number	15. Facility's Phone 704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	4010-20-12078 9/17/2021	001	DT		G
b.					5980
c.					45600

21. Additional Descriptions for Materials Listed Above

2411

22. Special Handling Instructions and Additional Information

BIII: 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	Signature	Month	Day	Year
[illegible]	[signature]			

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Cody W	Cody W			

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

26. Discrepancy Indication Space

CES 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	Signature	Month	Day	Year
Kay	Kay	10	28	21

GENERATOR / TRANSPORTER / T/S/D FACILITY

REV 04/19

TRANSPORTER #2

COM000033

RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1772293	CELL	
WEIGHMASTER	Keyona C.		
DATE/TIME IN	10/29/20 8:32 am	DATE/TIME OUT	10/29/20 8:32 a
VEHICLE	STAT80	CONTAINER	
REFERENCE	1042608		
BILL OF LADING			

SCALE IN GROSS WEIGHT 66,380 NET TONS 18.98 INBOUND
TARE OUT TARE WEIGHT 28,420 NET WEIGHT 37,960 INVOICE

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
18.98	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 (07/12)

SIGNATURE _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042608

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of

Colonial Pipeline Company

11/1/20 03

3. Generator's Name and Mailing Address Paw Creek, NC 28214	5. Generating Location (if different) 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	15. Facility's Phone 704-262-6371

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	6010-20-12078 9/17/2021	01	TD	Est 20	G
b.				18.98	
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

SRC 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	Signature	Month	Day	Year
[illegible]	[signature]	10	28	20

GENERATOR

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Kenneth S Moretz	[signature]	10	28	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

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	Signature	Month	Day	Year
Kay	Kay	[illegible]	[illegible]	[illegible]

T/S/D FACILITY

REV 04/19

TRANSPORTER #2

COM000033

RS-F15

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042616

GENERATOR

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of

3. Generator's Name and Mailing Address

4. Phone ( )

5. Generating Location (if different)

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	14. US EPA ID Number	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.					
b.				1	CY
c.					

21. Additional Descriptions for Materials Listed Above

3

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year
		10	22	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Darrell Chandler	Darrell Chandler	10	22	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year

REV 04/19

GENERATOR'S COPY

COM000033

RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1778026	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	12/1/20 4:02 pm	DATE/TIME OUT	12/1/20 4:02 pr
VEHICLE	CERTD11	CONTAINER	
REFERENCE	1042716		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	47,080	NET TONS	8.99	INBOUND
TARE OUT	TARE WEIGHT	29,100	NET WEIGHT	17,980	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
8.99	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042716

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address

4. Phone ( )

5. Generating Location (if different)

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	14. US EPA ID Number	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
		No.	Type		
a.					
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR'S COPY

REV 04/19

COM000033

RS-F15

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
Y6	1778877	

WEIGHMASTER Aly G.

DATE/TIME IN	DATE/TIME OUT
12/4/20 4:01 pm	12/4/20 4:01 pr

VEHICLE	CONTAINER
CERTD10	

REFERENCE 1042719

BILL OF LADING

SCALE IN	GROSS WEIGHT	65,300	NET TONS	18.13
TARE OUT	TARE WEIGHT	29,040	NET WEIGHT	36,260

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
18.13	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042719

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
NCD [illegible]		Colonial Pipeline Company 1778879

GENERATOR

3. Generator's Name and Mailing Address
[illegible] PO BOX 97
Paw Creek, NC 28213

4. Phone ( )

5. Generating Location (if different)
[illegible] Paw Creek, NC 28078

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
CWM Landfill 5185 Morehead Rd Concord, NC 28027	704-262-6371	

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12073 9/17/2021	001	DT		T G
b.				18	13
c.				36200	

21. Additional Descriptions for Materials Listed Above
[illegible] 246 [illegible] Bill Cert 33355

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year
[illegible]	[illegible]	12	4	2020

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Armando Nunez	[illegible]	12	4	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space CWM LANDFILL 5185 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	Signature	Month	Day	Year
AMY	AMY	12	4	20

TRANSPORTER #2

REV 04/19

COM000033
RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1779035	CELL
WEIGHMASTER	Keyona C.	
DATE/TIME IN 12/7/20 10:58 am		DATE/TIME OUT 12/7/20 10:58 ar
VEHICLE CERTD10		CONTAINER
REFERENCE 1042718		
BILL OF LADING		

SCALE IN	GROSS WEIGHT	50,760	NET TONS	10.86	INBOUND
TARE OUT	TARE WEIGHT	29,040	NET WEIGHT	21,720	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
10.86	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042718

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	Colonial Pipeline Company	1449080

CPL

PO BOX 87

14488 [illegible] Concord Rd

3. Generator's Name and Mailing Address	5. Generating Location (if different)
Paw Creek, NC 28213	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**
CMS Landfill 5105 Morehead Rd Concord, NC 28027		704-262-8371
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
contaminated soil	5010-20-12078 9/17/2021				
a.		001	DT		GT
b.					1086
c.					2/1920

21. Additional Descriptions for Materials Listed Above

[illegible] 247 Bill: Cat 333355

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year
Andy [illegible]	[signature]	12	7	20

GENERATOR

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Armando Nunez	[signature]	12	7	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

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	Signature	Month	Day	Year
Kay	Kay	12	7	20

T/S/D FACILITY

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1779155	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	12/7/20 3:15 pm	DATE/TIME OUT	12/7/20 3:15 pr
VEHICLE	CERTD10	CONTAINER	
REFERENCE	1042717		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	69,660	NET TONS	20.31
TARE OUT	TARE WEIGHT	29,040	NET WEIGHT	40,620

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
20.31	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042717

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
CPC		Colonial Pipeline Company

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
Paw Creek, NC 28213	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
CWS Landfill 5165 Morehead Rd Concord, NC 28027	704-792-6371	

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5015-20-12078 9/17/2021	001	DT		GT
b.				2031	
c.				40	LBO

21. Additional Descriptions for Materials Listed Above

248 Bill Cut 333355

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year
Danny Waters		12	7	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Printed Name		12	7	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space CWS LANDFILL 5165 MOREHEAD RD CONCORD, NC 28027 704-792-6371

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Printed Name		12	7	20

TRANSPORTER #2

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1779399	CELL
WEIGHMASTER	Keyona C.	
DATE/TIME IN 12/8/20 1:55 pm		DATE/TIME OUT 12/8/20 1:55 pr
VEHICLE CERTD10		CONTAINER
REFERENCE 1042715		
BILL OF LADING		

SCALE IN GROSS WEIGHT 62,180 NET TONS 16.57
TARE OUT TARE WEIGHT 29,040 NET WEIGHT 33,140

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
16.57	tn	SW-CONT SOIL-ALT DAILY Origin:MECKLENBURG 100% COVER				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042715

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
CPC		Colonial Pipeline Company

GENERATOR

3. Generator's Name and Mailing Address
Pow Creek, NC 28213

5. Generating Location (if different)
Pow 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
[illegible]	[illegible]	

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.		001	DT		T
b.				1	LQ57
c.				3	B140

21. Additional Descriptions for Materials Listed Above

249 Bill to CUA333355

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year
[illegible]	[signature]	12	8	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Armando Nunez	[signature]	12	8	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space
CMS LANDFILL 5180 MORTHEAD RD CONCORD, NC 28027 704-262-0571

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	12	8	20

TRANSPORTER #2

SITE

BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER

333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
Y6	1779448	

WEIGHMASTER Aly C.

DATE/TIME IN	DATE/TIME OUT
12/8/20 3:41 pm	12/8/20 3:41 pm

VEHICLE	CONTAINER
CERTD10	

REFERENCE 1042714

BILL OF LADING

SCALE IN GROSS WEIGHT 65,580 NET TONS 18.27 INBOUND
TARE OUT TARE WEIGHT 29,040 NET WEIGHT 36,540 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
18.27	tn	SW-CONT SOIL-ALT DAILY Origin:MECKLENBURG 100% COVER				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

HARD HATS AND SAFETY VEST ARE REQUIRED WHEN EXITING YOUR VEHICLE

WHILE IN THE LANDFILL. IF YOU DO NOT HAVE THESE ITEMS YOU MAY BORROW

A SET FROM THE SCALE HOUSE. THANK YOU.

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (04/19)

SIGNATURE _____

NET AMOUNT
TENDERED
CHANGE
CHECK#

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042714

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
[illegible]		Colonial Pipeline Company

GENERATOR

3. Generator's Name and Mailing Address
[illegible] Paw Creek, NC 28213

4. Phone ( )

5. Generating Location (if different)
[illegible] Paw Creek, NC 28078

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
CWS Landfill 5105 Morehead Rd Concord, NC 28027		

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
	[illegible]	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
[illegible]	[illegible]				
a.		001	DT		T
b.				1827	
c.				340	540

21. Additional Descriptions for Materials Listed Above

250 [illegible] Bill to Cert333355

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year
[illegible]		12	8	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]		12	8	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space
CWS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-5374

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	12	8	20

TRANSPORTER #2

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1779577	CELL
WEIGHMASTER	Keyona C.	
DATE/TIME IN 12/9/20 9:50 am		DATE/TIME OUT 12/9/20 9:50 ar
VEHICLE CERTD10		CONTAINER
REFERENCE 1042713		
BILL OF LADING		

SCALE IN	GROSS WEIGHT	64,540	NET TONS	17.75
TARE OUT	TARE WEIGHT	29,040	NET WEIGHT	35,500

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
17.75	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042713

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
NPC		Colonial Pipeline Company

GENERATOR

3. Generator's Name and Mailing Address
PO Box 87
Paw Creek, NC 28213

5. Generating Location (if different)
1470 Paw Creek Church 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	14. US EPA ID Number	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. 3		001	DT	T	T
b.				17975	
c.				3550	

21. Additional Descriptions for Materials Listed Above
251 Bill to Cust 333355

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year
[illegible]	[signature]	12	9	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Armando Nunez	[signature]	12	9	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space
CMS LANDFILL 5165 MOREHEAD RD CONCORD, NC 28027 704-232-6371

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	12	9	20

TRANSPORTER #2

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER
333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
Y6	1779673	

WEIGHMASTER Keyona C.

DATE/TIME IN	DATE/TIME OUT
12/9/20 12:19 pm	12/9/20 12:19 pm

VEHICLE	CONTAINER
CERTD10	

REFERENCE 1042712

BILL OF LADING

SCALE IN GROSS WEIGHT 61,100 NET TONS 16.03 INBOUND
TARE OUT TARE WEIGHT 29,040 NET WEIGHT 32,060 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
16.03	tn	SW-CONT SOIL-ALT DAILY Origin:MECKLENBURG 100% COVER				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042712

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
CPC		Colonial Pipeline Company

GENERATOR

3. Generator's Name and Mailing Address
Paw Creek, NC 28213

4. Phone ( )

5. Generating Location (if different)
Paw Creek, NC

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	14. US EPA ID Number	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.		(00)	DT		T
b.				1603	
c.				32000	

21. Additional Descriptions for Materials Listed Above
252 Bill to Pcvt 333355

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year
		12	9	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Armando Nunez		12	9	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space
CPC LANDFILL 5185 INGERSHEAD RD CONCORD, NC 28027 704-262-5371

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	12	9	20

TRANSPORTER #2

REV 04/19

COM000033
RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1780635	CELL	
WEIGHMASTER	Keyona C.		
DATE/TIME IN	12/15/20 9:29 am	DATE/TIME OUT	12/15/20 9:29 a
VEHICLE	certd9	CONTAINER	
REFERENCE	1042711		
BILL OF LADING			

SCALE IN GROSS WEIGHT 64,960 NET TONS 18.30
TARE OUT TARE WEIGHT 28,360 NET WEIGHT 36,600

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
18.30	tn	SW-CONT SOIL-ALT DAILY Origin:MECKLENBURG 100% COVER				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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SIGNATURE _____

RS-F042UPR (04/19)

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042711

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
CPC		Colonial Pipeline Company

GENERATOR

3. Generator's Name and Mailing Address
Pew Creek, NC 28213

4. Phone ( )

5. Generating Location (if different)
Pew Creek, NC 28078

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.		001	BT		T
b.				1830	
c.				3600	

21. Additional Descriptions for Materials Listed Above
253 Bill to Cust 333355

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year
Adam Lewis		12	15	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Phillip Snyder		12		

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space
CMS LANDFILL 5424 MORTHEAD RD CONCORD, NC 28027 704-782-5371

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	12	15	20

TRANSPORTER #2

REV 04/19

COM000033
RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1780671	CELL
WEIGHMASTER	Aly G.	
DATE/TIME IN	12/15/20 11:04 am	DATE/TIME OUT 12/15/20 11:04 a
VEHICLE	CERTD10	CONTAINER
REFERENCE	1042710	
BILL OF LADING		

SCALE IN	GROSS WEIGHT	60,380	NET TONS	15.67
TARE OUT	TARE WEIGHT	29,040	NET WEIGHT	31,340

INBOUND
INVOICE

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
15.67	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042710

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
CFC		Colonial Pipeline Company	1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Paw Creek, NC 28213

4. Phone ( )

5. Generating Location (if different)
Paw Creek, NC 28279

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	14. US EPA ID Number	15. Facility's Phone
CMB Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. [illegible]	[illegible]	001	DT		T
b.				15	07
c.				31	340

21. Additional Descriptions for Materials Listed Above
25H Bill Cert: 333355

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year
Adam Harris		12	15	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]		12	15	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space
CMB 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	Signature	Month	Day	Year
Amy	Amy	12	15	20

TRANSPORTER #2

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE	Y6	TICKET #	1782836	CELL	
WEIGHMASTER	Keyona C.				
DATE/TIME IN	12/28/20 2:09 pm	DATE/TIME OUT	12/28/20 2:09 p		
VEHICLE	BT21	CONTAINER			
REFERENCE	1042709				
BILL OF LADING					

SCALE IN	GROSS WEIGHT	61,720	NET TONS	16.15	INBOUND
TARE OUT	TARE WEIGHT	29,420	NET WEIGHT	32,300	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
16.15	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

![Republic Services logo] **REPUBLIC SERVICES**

BT 21

NON-HAZARDOUS WASTE MANIFEST

1042709

Please print or type.

1. Generator's US EPA ID Number CPC	Manifest Document Number	2. Page 1 of Colonial Pipeline Company	1782886

3. Generator's Name and Mailing Address 80[illegible]67 Paw Creek, NC 28213 4. Phone ( )	5. Generating Location (if different) 14105 [illegible] Paw Creek, NC 28073 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 No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. [illegible]	[illegible] [illegible]				
b.				1615	
c.				32,300	

21. Additional Descriptions for Materials Listed Above

255 Sill Cert: 333355

22. Special Handling Instructions and Additional Information

/

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	Signature	Month	Day	Year
Patrick Christe	[signature]	12	28	20

GENERATOR

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Robert Nieman	[signature]	12	28	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

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	Signature	Month	Day	Year
Kay	Kay	12	28	20

T/S/D FACILITY

TRANSPORTER #2

COM000033

REV 04/19

RS-F15

SITE

BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER

333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
Y6	1782847	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
12/28/20 2:29 pm	12/28/20 2:29 p

VEHICLE	CONTAINER
bt10	

REFERENCE: 1042708

BILL OF LADING:

SCALE IN GROSS WEIGHT 57,840 NET TONS 17.13 INBOUND
TARE OUT TARE WEIGHT 23,580 NET WEIGHT 34,260 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
17.13	tn	SW-CONT SOIL-ALT DAILY Origin:MECKLENBURG 100% COVER				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042708

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
CPC		Colonial Pipeline Company 1782847

GENERATOR

3. Generator's Name and Mailing Address
Paw Creek, NC 28213

4. Phone ( )

14108 Huntersville-Concord Rd.
Paw Creek, NC 28078

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021				
b.				17	13
c.				34200	

21. Additional Descriptions for Materials Listed Above
250 Bill Cert 333355

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year
PATRICK CHRISTL		12	28	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jeff Adams	Jeff Adams	12	28	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
Amy	Amy	12	28	20

REV 04/19

ORIGINAL - RETURN TO GENERATOR

COM000033
RS-F15

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1782858	CELL
WEIGHMASTER	Keyona C.	
DATE/TIME IN 12/28/20 2:53 pm		DATE/TIME OUT 12/28/20 2:53 p
VEHICLE BT16		CONTAINER
REFERENCE 1042707		
BILL OF LADING		

SCALE IN	GROSS WEIGHT	59,440	NET TONS	15.99
TARE OUT	TARE WEIGHT	27,460	NET WEIGHT	31,980

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
15.99	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042707

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
CPC		Colonial Pipeline Company 1182858

3. Generator's Name and Mailing Address — Paw Creek, NC 28213

5. Generating location (if different) — 14105 ... 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	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-13070 9/17/2021				
b.				1599	
c.				21,980	

21. Additional Descriptions for Materials Listed Above

257 Bill Cert 333355

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year
Patrick Christie	[signature]	12	28	2020

GENERATOR

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roy F. Spalding 51	[signature]	12	28	2020

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

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	Signature	Month	Day	Year
Kay	Kay	12	28	20

T/S/D FACILITY

TRANSPORTER #2

COM000033

REV 04/19

RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1782945	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	12/29/20 8:47 am	DATE/TIME OUT	12/29/20 8:47 a
VEHICLE	CERTD10	CONTAINER	
REFERENCE	1042706		
BILL OF LADING			

SCALE IN GROSS WEIGHT 70,120 NET TONS 20.54
TARE OUT TARE WEIGHT 29,040 NET WEIGHT 41,080

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
20.54	tn	SW-CONT SOIL-ALT DAILY Origin:MECKLENBURG 100% COVER				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042706

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
CPC		Colonial Pipeline Company

GENERATOR

3. Generator's Name and Mailing Address
Pow Creek, NC 28213

4. Phone ( )

5. Facility's Name and Mailing Address
Pow Creek, NC 28078

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 3105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. Contaminated Soil	5010-20-120178 9/17/2021	001	DT		T
b.				2004	
c.				41080	

21. Additional Descriptions for Materials Listed Above
258 Bill Cert 333555

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year
PATRICK CHRISTL		12	28	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Amanda Nunez		12	29	20

T/S/D FACILITY

26. Discrepancy Indication Space
CMS LANDFILL 3105 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	Signature	Month	Day	Year
Ally	Ally	12	29	20

TRANSPORTER #2

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1782979	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	12/29/20 10:08 am	DATE/TIME OUT	12/29/20 10:08 a
VEHICLE	bt13	CONTAINER	
REFERENCE	1042705		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	58,000	NET TONS 13.73	INBOUND
TARE OUT	TARE WEIGHT	30,540	NET WEIGHT 27,460	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
13.73	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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)

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REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042705

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
CPC		Colonial Pipeline Company 1882979

GENERATOR

3. Generator's Name and Mailing Address
Paw Creek, NC 28213

3a. Generating Location (if different)
14115 Beatties Ford Rd
Paw Creek, NC 28075

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 Moorehead 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 No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-120178 9/17/2021	001	DT		T
b.				13	73
c.				27	4400

21. Additional Descriptions for Materials Listed Above
259 Bill Cert 333355

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year
PATRICK CHRISTL		12	28	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Rob Morrow				

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
AMY	AMY	12	28	20

TRANSPORTER #2

REV 04/19

COM000033
RS-F15

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1782964	CELL
WEIGHMASTER	Aly G.	
DATE/TIME IN 12/29/20 9:29 am		DATE/TIME OUT 12/29/20 9:29 a
VEHICLE CERTD11		CONTAINER
REFERENCE 1042704		
BILL OF LADING		

SCALE IN	GROSS WEIGHT	65,140	NET TONS	18.02
TARE OUT	TARE WEIGHT	29,100	NET WEIGHT	36,040

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
18.02	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042704

Please print or type.

1. Generator's US EPA ID Number [illegible]	Manifest Document Number	2. Page 1 of	[illegible]
3. Generator's Name and Mailing Address [illegible]		5. Generating Location (if different) [illegible]	
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 [illegible]	14. US EPA ID Number [illegible]	15. Facility's Phone	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. [illegible]	[illegible]		5		T
b.				17	02
c.				3(	040

21. Additional Descriptions for Materials Listed Above

Z60 Bill Cst 33355

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

[illegible]

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
AMy	AMC	12	29	20

GENERATOR'S COPY

REV 04/19

COM000033

RS-F15

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1782983	CELL
WEIGHMASTER	Aly G.	
DATE/TIME IN 12/29/20 9:50 am		DATE/TIME OUT 12/29/20 10:17 a
VEHICLE kt10		CONTAINER
REFERENCE 1042703		
BILL OF LADING		

SCALE IN	GROSS WEIGHT	52,240	NET TONS	12.93
SCALE OUT	TARE WEIGHT	26,380	NET WEIGHT	25,860

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
12.93	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042703

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
CPC		Colonial Pipeline Company T182983

GENERATOR

3. Generator's Name and Mailing Address
Paw Creek, NC 28213

3. Generator's Site Address (if different)
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 TSD 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 No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	3010-20-12078 9/17/2021	001	PT		T
b.				12	93
c.				25	8100

21. Additional Descriptions for Materials Listed Above
261 Bill Cert 333355

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year
PATRICK CHEEK		12	29	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
Amy	Amy	12	29	20

TRANSPORTER #2

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1782969	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN 12/29/20 9:41 am		DATE/TIME OUT 12/29/20 9:41 a	
VEHICLE cgg2		CONTAINER	
REFERENCE 1042702			
BILL OF LADING			

SCALE IN	GROSS WEIGHT	55,880	NET TONS	14.71
TARE OUT	TARE WEIGHT	26,460	NET WEIGHT	29,420

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
14.71	tn	SW-CONT SOIL-ALT DAILY Origin:MECKLENBURG 100% COVER				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042702

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
CPC		Colonial Pipeline Company 1182909

3. Generator's Name and Mailing Address
PO Box 87 [illegible]
Paw Creek, NC 28213

5. Generating Location (if different)
14103 [illegible] 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 TSD Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				14	71
c.				29	420

21. Additional Descriptions for Materials Listed Above

262 Bill Cert 333355

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year
[illegible]	[signature]	12	29	20

GENERATOR

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alex Miller	Alex Miller	12	29	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

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	Signature	Month	Day	Year
AW	AW	12	29	20

T/S/D FACILITY

TRANSPORTER #2

COM000033

RS-F15

REV 04/19

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1782974	CELL
WEIGHMASTER	Aly G.	
DATE/TIME IN 12/29/20 9:55 am		DATE/TIME OUT 12/29/20 9:55 a
VEHICLE BT11		CONTAINER
REFERENCE 1042701		
BILL OF LADING		

SCALE IN GROSS WEIGHT 51,800 NET TONS 13.49 INBOUND
TARE OUT TARE WEIGHT 24,820 NET WEIGHT 26,980 INVOICE

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
13.49	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042701

Please print or type.

GENERATOR

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
CPC		Colonial Pipeline Company	1782974

3. Generator's Name and Mailing Address	5. Generating Location (if different)
PO BOX 87 Paw Creek, NC 28213	14113 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	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-5371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12075 9/17/2021				
b.				1349	
c.				21980	

21. Additional Descriptions for Materials Listed Above

263 Bill Cert 333355

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year
[illegible]	[signature]	12	[illegible]	[illegible]

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Michael Torbush	[signature]			

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
AW	AW	12	29	20

TRANSPORTER #2

COM000033

REV 04/19

RS-F15

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1782981	CELL
WEIGHMASTER	Aly G.	
DATE/TIME IN	12/29/20 10:11 am	DATE/TIME OUT 12/29/20 10:11 a
VEHICLE	CERTD10	CONTAINER
REFERENCE	1042700	
BILL OF LADING		

SCALE IN GROSS WEIGHT 65,200 NET TONS 18.08
TARE OUT TARE WEIGHT 29,040 NET WEIGHT 36,160

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
18.08	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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.

SIGNATURE _____

RS-F042UPR (04/19)

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042700

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1782981
CPC			

3. Generator's Name and Mailing Address: Colonial Pipeline Company, PO Box 87, Paw Creek, NC 28213

4. Phone ( )

5. Generating Location (if different): 14105 Rumsfeld-Concord Rd, Paw Creek, NC 28078

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated TSD Facility Name and Site Address: CMS, 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 No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12074 9/17/2021				
b.				18	08
c.				36	160

21. Additional Descriptions for Materials Listed Above

Bill to Act: 333355

22. Special Handling Instructions and Additional Information

264

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 definad by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year
Patrick Chisse	[signature]	12	29	20

GENERATOR

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Armando Nunez	[signature]	12	29	2.

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

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	Signature	Month	Day	Year
Aly	Aly	12	29	20

T/S/D FACILITY

TRANSPORTER #2

COM000033

RS-F15

REV 04/19

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
Y6	1783009	
WEIGHMASTER	Candie E.	
DATE/TIME IN	12/29/20 11:14 am	DATE/TIME OUT 12/29/20 11:14 a
VEHICLE	CERTD11	CONTAINER
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 62,100 NET TONS 16.50
TARE OUT TARE WEIGHT 29,100 NET WEIGHT 33,000

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
16.50	tn	SW-CONT SOIL-ALT DAILY Origin:MECKLENBURG 100% COVER				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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.

SIGNATURE _____

RS-F042UPR (04/19)

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042699

Please print or type.

GENERATOR

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of

3. Generator's Name and Mailing Address	5. Generating Location (if different)
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	14. US EPA ID Number	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.					
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR'S COPY

COM000033
RS-F15

REV 04/19

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:5010Y41296-6
Generator:MCALPINE CREEK WWTP/CITY OF CHARLOTTE

SITE Y6	TICKET # 1783021	CELL
WEIGHMASTER	Candie E.	
DATE/TIME IN 12/29/20 11:46 am		DATE/TIME OUT 12/29/20 11:46 a
VEHICLE cgg2		CONTAINER
REFERENCE 1042698		
BILL OF LADING		

SCALE IN GROSS WEIGHT 47,940 NET TONS 10.74
TARE OUT TARE WEIGHT 26,460 NET WEIGHT 21,480

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
10.74	tn	SW-SLUDGE Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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SIGNATURE _____

RS-F042UPR (04/19)

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042698

Please print or type.

GENERATOR

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
CPC		Colonial Plastics Company	

3. Generator's Name and Mailing Address	5. Generating Location (if different)
PO BOX 87 Paw Creek, NC 28213	14100 [illegible] Concord Rd. Paw Creek, NC 28078 178302
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	**14. US EPA ID Number**	**15. Facility's Phone**
CMS [illegible] NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	3010-20-12073 5/17/2021			16.24	
b.				2140	
c.					

21. Additional Descriptions for Materials Listed Above

Bill to Act. 333355

22. Special Handling Instructions and Additional Information

[illegible]

266

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	Signature	Month	Day	Year
Patrick Cross	[signature]	12	29	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alex Miller	[signature]			

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
[signature]	[signature]	12	29	20

TRANSPORTER #2

COM000033

REV 04/19

RS-F15

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1783035	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	12/29/20 12:11 pm	DATE/TIME OUT	12/29/20 12:11 I
VEHICLE	BT11	CONTAINER	
REFERENCE	1042697		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	55,600	NET TONS	15.39
TARE OUT	TARE WEIGHT	24,820	NET WEIGHT	30,780

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
15.39	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042697

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
CPC			783038

Colonial Pipeline Company

3. Generator's Name and Mailing Address	5. Generating Location (if different)
PO BOX 87 Paw Creek, NC 28213	14115 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	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-782-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				1539	
c.				30780	

21. Additional Descriptions for Materials Listed Above

2&7 Bill to Col. 333355

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year
Patrick Chase	[signature]	12	29	20

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Michael Tochush	[signature]			

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 704-782-6371

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Amy	Amy	12	29	20

GENERATOR — TRANSPORTER — T/S/D FACILITY

TRANSPORTER #2

COM000033

RS-F15

REV 04/19

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1783069	CELL
WEIGHMASTER	Aly G.	
DATE/TIME IN 12/29/20 1:32 pm		DATE/TIME OUT 12/29/20 1:32 p
VEHICLE CERTD10		CONTAINER
REFERENCE 1042696		
BILL OF LADING		

SCALE IN	GROSS WEIGHT 72,880	NET TONS 21.92		INBOUND
TARE OUT	TARE WEIGHT 29,040	NET WEIGHT 43,840		INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
21.92	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042696

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
[illegible]		[illegible] 7830609

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
PO BOX 87 Paw Creek, NC 28213	14108 Statesville-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 5165 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 No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	3510-20-12078 9/17/2021	001	DT		T
b.				21	92
c.				43	840

21. Additional Descriptions for Materials Listed Above

PO# Bill to Cust 333355

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year
Patrick Cheek		12	29	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Armando Nunez		12	29	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

CMS LANDFILL 5165 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	Signature	Month	Day	Year
Any	Any	12	29	20

TRANSPORTER #2

REV 04/19

COM000033
RS-F15

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
Y6	1783031	

WEIGHMASTER Aly G.

DATE/TIME IN	DATE/TIME OUT
12/29/20 12:04 pm	12/29/20 12:04 p

VEHICLE	CONTAINER
kt10	

REFERENCE 1042695

BILL OF LADING

SCALE IN	GROSS WEIGHT	54,280	NET TONS	13.95	INBOUND
TARE OUT	TARE WEIGHT	26,380	NET WEIGHT	27,900	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
13.95	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042695

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
[illegible]		[illegible]	1783031

GENERATOR

3. Generator's Name and Mailing Address
PO BOX 87
Paw Creek, NC 28213

4. Phone ( )

5. Generating Location (if different)
14113 Statesville-Concord Rd.
Paw Creek, NC 28213

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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Mixenhead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil 5010-21-12078	2/17/2021	001	DM		T
b.				13	95
c.				27	900

21. Additional Descriptions for Materials Listed Above

209 Bill to Cust: 333355

22. Special Handling Instructions and Additional Information
[illegible]

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	Signature	Month	Day	Year
Patrick Chase		12	29	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		12	29	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space
CMS LANDFILL 5105 MIXENHEAD 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	Signature	Month	Day	Year
AW	AW	12	29	20

TRANSPORTER #2

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1783087	CELL
WEIGHMASTER	Aly G.	
DATE/TIME IN 12/29/20 2:06 pm		DATE/TIME OUT 12/29/20 2:06 p
VEHICLE CERTD11		CONTAINER
REFERENCE 1042694		
BILL OF LADING		

SCALE IN	GROSS WEIGHT	72,740	NET TONS	21.82
TARE OUT	TARE WEIGHT	29,100	NET WEIGHT	43,640

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
21.82	tn	SW-CONT SOIL-ALT DAILY Origin:MECKLENBURG 100% COVER				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042694

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
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	14. US EPA ID Number	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.					
b.				21	22
c.				42	LBS

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
		12	29	20

GENERATOR'S COPY

REV 04/19

COM000033
RS-F15

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1783070	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	12/29/20 1:36 pm	DATE/TIME OUT	12/29/20 1:36 p
VEHICLE	cgg2	CONTAINER	
REFERENCE	1042693		
BILL OF LADING			

SCALE IN GROSS WEIGHT 55,640 NET TONS 14.59
TARE OUT TARE WEIGHT 26,460 NET WEIGHT 29,180

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
14.59	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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.

SIGNATURE _____

RS-F042UPR (04/19)

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042693

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
[illegible]		[illegible]	1830170

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
PO BOX 87 Pew Creek, NC 28213	14108 Huntersville-Concord Rd. Pew 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	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021				
b.				14	59
c.				29	180

21. Additional Descriptions for Materials Listed Above

271 [illegible] to Cont 333355

22. Special Handling Instructions and Additional Information

[illegible]

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	Signature	Month	Day	Year
[illegible] Chase		12	29	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alex Miller				

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
Amy	Amy	12	29	20

TRANSPORTER #2

REV 04/19

COM000033

RS-F15

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
Y6	1783089	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
12/29/20 2:12 pm	12/29/20 2:12 p

VEHICLE	CONTAINER
BT11	

REFERENCE: 1042692

BILL OF LADING:

SCALE IN	GROSS WEIGHT	53,120	NET TONS	14.15
TARE OUT	TARE WEIGHT	24,820	NET WEIGHT	28,300

INBOUND
INVOICE

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
14.15	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042692

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
PO BOX 87 Paw Creek, NC 28213	14108 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 Moorehead 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 No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	01	DT		T
b.				14	15
c.				28	300

21. Additional Descriptions for Materials Listed Above

272 Bill to Acct 333355

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year
PATRICK CHRISTL		12	7	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Michael Terbush				

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

CMS LANDFILL 5105 MOOREHEAD 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	Signature	Month	Day	Year
		12	7	20

TRANSPORTER #2

REV 04/19

COM000033
RS-F15

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1783076	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	12/29/20 1:54 pm	DATE/TIME OUT	12/29/20 1:54 p
VEHICLE	kt10	CONTAINER	
REFERENCE	1042691		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	50,120	NET TONS	11.87
TARE OUT	TARE WEIGHT	26,380	NET WEIGHT	23,740

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
11.87	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042691

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
		1783070

GENERATOR

3. Generator's Name and Mailing Address
PO BOX 67
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
14108 Huntersville-Concord Rd.
Paw Creek, NC 28070
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 3105 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 No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil 3016-20-12078	9/17/2021	1	01		T
b.				11	87
c.				23	740

21. Additional Descriptions for Materials Listed Above
273 Bill to (w) 333354

22. Special Handling Instructions and Additional Information
[illegible]

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	Signature	Month	Day	Year
PATRICK [illegible]	[signature]	12	29	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	12	29	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space
CMS LANDFILL 3105 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	Signature	Month	Day	Year
AMY	AMY	12	29	20

TRANSPORTER #2

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
Y6	1783093	
WEIGHMASTER	Aly G.	
DATE/TIME IN	12/29/20 2:32 pm	DATE/TIME OUT 12/29/20 2:32 p
VEHICLE	BT16	CONTAINER
REFERENCE	1042690	
BILL OF LADING		

SCALE IN GROSS WEIGHT 65,120 NET TONS 18.83
TARE OUT TARE WEIGHT 27,460 NET WEIGHT 37,660

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
18.83	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

~~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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042690

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1783093

3. Generator's Name and Mailing Address	5. Generating Location (if different)
Colonial Pipeline Company PO BOX 87 Paw Creek, NC 28213	14108 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

GENERATOR

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				18	83
c.				37	660

21. Additional Descriptions for Materials Listed Above

274 Bill to Cust 333355

22. Special Handling Instructions and Additional Information

SIC STAT T00770

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	Signature	Month	Day	Year
Pairson Chrisi	[signature]	12	29	

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roy E Spurling Jr	[signature]	12	29	2020

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
[signature]	[signature]	12	29	20

TRANSPORTER #2

COM000033

RS-F15

REV 04/19

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1783113	CELL
WEIGHMASTER	Aly G.	
DATE/TIME IN 12/29/20 3:04 pm		DATE/TIME OUT 12/29/20 3:04 p
VEHICLE CERTD10		CONTAINER
REFERENCE 1042689		
BILL OF LADING		

SCALE IN	GROSS WEIGHT	71,580	NET TONS	21.27
TARE OUT	TARE WEIGHT	29,040	NET WEIGHT	42,540

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
21.27	tn	SW-CONT SOIL-ALT DAILY Origin:MECKLENBURG 100% COVER				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042689

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			198113

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Pew Creek, NC 28213

4. Phone ( )

5. Generating Location (if different)
Cooper Piping Company
14108 Huntersville-Concord Rd.
Pew Creek, NC 28078

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number 704-262-6371	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DM		T
b.				2127	
c.				42540	

21. Additional Descriptions for Materials Listed Above

25 Bill to Cust 333355

22. Special Handling Instructions and Additional Information
[redacted]

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	Signature	Month	Day	Year
Patrick Christ		12	7	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Armando Nunez		12	7	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
		12	7	20

TRANSPORTER #2

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE	Y6	TICKET #	1783122	CELL	
WEIGHMASTER	Aly G.				
DATE/TIME IN	12/29/20 3:16 pm	DATE/TIME OUT	12/29/20 3:16 p		
VEHICLE	cgg2	CONTAINER			
REFERENCE	1042688				
BILL OF LADING					

SCALE IN	GROSS WEIGHT	54,240	NET TONS	13.89
TARE OUT	TARE WEIGHT	26,460	NET WEIGHT	27,780

INBOUND
INVOICE

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
13.89	tn	SW-CONT SOIL-ADT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042688

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1783122

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPL PO BOX 87 Paw Creek, NC 28213	Colonial Pipeline Company 14198 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 No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				13	89
c.				27	780

21. Additional Descriptions for Materials Listed Above

276 Bill to Cert 333355

22. Special Handling Instructions and Additional Information

NC-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	Signature	Month	Day	Year
Patrick Christie	[signature]	12	25	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alex Miller	[signature]			

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
[signature]	[signature]	12	29	20

TRANSPORTER #2

COM000033

RS-F15

REV 04/19

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1783132	CELL
WEIGHMASTER	Aly G.	
DATE/TIME IN	12/29/20 3:41 pm	DATE/TIME OUT 12/29/20 3:41 p
VEHICLE	CERTD11	CONTAINER
REFERENCE	1042687	
BILL OF LADING		

SCALE IN GROSS WEIGHT 72,580 NET TONS 21.74
TARE OUT TARE WEIGHT 29,100 NET WEIGHT 43,480

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
21.74	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042687

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
		1 of 2

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
[illegible]	[illegible]
Pine Creek, NC [illegible]	Pine Creek, NC [illegible]
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 [illegible]	14. US EPA ID Number [illegible]	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. [illegible]	[illegible]				
b.				21	24
c.				4240	

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

[illegible]

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in item 19)

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	12	19	16

GENERATOR'S COPY

COM000033
RS-F15

REV 04/19

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1783136	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	12/29/20 3:50 pm	DATE/TIME OUT	12/29/20 3:50 p
VEHICLE	kt10	CONTAINER	
REFERENCE	1042686		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	54,520	NET TONS 14.07	INBOUND
TARE OUT	TARE WEIGHT	26,380	NET WEIGHT 28,140	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
14.07	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042686

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
		[redacted] 1

GENERATOR

3. Generator's Name and Mailing Address
PO BOX 87
Paw Creek, NC 28213

4. Phone ( )

5. Generating Location (if different)
Colonial Paving Concord
15108 Huntersville-Concord Rd.
Paw Creek, NC 28078

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number 704-262-6371	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil 5010-21-12075	9/17/2021	001	DT		T
b.				14	07
c.				28	140

21. Additional Descriptions for Materials Listed Above
778 Bill to Cal 333355

22. Special Handling Instructions and Additional Information
[redacted]

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	Signature	Month	Day	Year
PATRICK CHRISTL		12	29	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jason Bolen	Jason Bolen	12	29	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
Greg	Greg	12	29	20

TRANSPORTER #2

REV 04/19

COM000033
RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE 16	TICKET # 1783200	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	12/30/20 8:25 am	DATE/TIME OUT	12/30/20 8:25 a
VEHICLE	BT16	CONTAINER	
REFERENCE	1042685		
BILL OF LADING			

SCALE IN GROSS WEIGHT 69,140 NET TONS 20.84
TARE OUT TARE WEIGHT 27,460 NET WEIGHT 41,680

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
20.84	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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.

SIGNATURE _____

RS-F042UPR (04/19)

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042685

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1783200

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
GPC PO BOX 87 Paw Creek, NC 28213	Colonial Pipeline Company 14108 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 CBS 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	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	01	D		T
b.				20	54
c.				41	080

21. Additional Descriptions for Materials Listed Above

279 Bill to Cust 333355

22. Special Handling Instructions and Additional Information

~~BRI-STAT 700179~~

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	Signature	Month	Day	Year
Patrick [illegible]	[signature]	12	29	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roy E. Spurling Jr	[signature]	12	30	2020

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

CBS 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	Signature	Month	Day	Year
Amy	Amy	12	30	20

TRANSPORTER #2

COM000033

RS-F15

REV 04/19

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1783226	CELL
WEIGHMASTER	Aly G.	
DATE/TIME IN	12/30/20 9:20 am	DATE/TIME OUT 12/30/20 9:20 a
VEHICLE	cgg2	CONTAINER
REFERENCE	1042684	
BILL OF LADING		

SCALE IN	GROSS WEIGHT	67,560	NET TONS	20.55
TARE OUT	TARE WEIGHT	26,460	NET WEIGHT	41,100

INBOUND
INVOICE

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
20.55	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042684

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
		TX8327210

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Grading Location
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number 704-262-4371	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				2055	
c.				41	100

21. Additional Descriptions for Materials Listed Above
280 Bill to Co. 333355

22. Special Handling Instructions and Additional Information
[illegible]

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	Signature	Month	Day	Year
Patrick Christ		12	29	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alex Miller	Alex Miller			

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-4371

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	12	30	20

TRANSPORTER #2

REV 04/19

COM000033
RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1783204	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	12/30/20 8:40 am	DATE/TIME OUT	12/30/20 8:40 a
VEHICLE	certd9	CONTAINER	
REFERENCE	1042683		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	76,640	NET TONS	24.14
TARE OUT	TARE WEIGHT	28,360	NET WEIGHT	48,280

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
24.14	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042683

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			1785204

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
GPC PO BOX 87 Paw Creek, NC 28213	Colonial Operating Location 14108 Huntersville-Concord Rd. Paw Creek, NC 28076
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	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5019-29-12070 5/17/2021	001	DT		T
b.				24	14
c.				48	280

21. Additional Descriptions for Materials Listed Above

201 Bill to Cust

22. Special Handling Instructions and Additional Information

PO: [illegible]

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	Signature	Month	Day	Year
[illegible]		12	30	[illegible]

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Phillip Small		12	30	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
[illegible]	[illegible]	12	30	20

TRANSPORTER #2

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1783224	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	12/30/20 8:51 am	DATE/TIME OUT	12/30/20 9:12 a
VEHICLE	kt12	CONTAINER	
REFERENCE	1042682		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	60,900	NET TONS 18.19	INBOUND
SCALE OUT	TARE WEIGHT	24,520	NET WEIGHT 36,380	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
18.19	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

K+12

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042682

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1783224

3. Generator's Name and Mailing Address: CPC
PO BOX 87
Paw Creek, NC 28213

5. Generating Location (if different): Colonial Pipeline Company
14108 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 No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				18	19
c.				360	380

21. Additional Descriptions for Materials Listed Above

282 Bill to Cert 333355

22. Special Handling Instructions and Additional Information

[illegible]

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	Signature	Month	Day	Year
Patrick Cirz [illegible]	[signature]	12	30	20

GENERATOR

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Michael Key	[signature]	12	30	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

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	Signature	Month	Day	Year
Aly	Aly	12	30	20

T/S/D FACILITY

TRANSPORTER #2

REV 04/19

COM000033

RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1783218	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	12/30/20 9:04 am	DATE/TIME OUT	12/30/20 9:04 a
VEHICLE	kt10	CONTAINER	
REFERENCE	10426981		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	59,680	NET TONS	16.65
TARE OUT	TARE WEIGHT	26,380	NET WEIGHT	33,300

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
16.65	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC® SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042681

Please print or type.

1. Generator's US EPA ID Number	
Manifest Document Number	
2. Page 1 of	1783218
3. Generator's Name and Mailing Address	CP PO BOX 67 Paw Creek, NC 28213
5. Generating Location (if different)	Colonial 14118 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 No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 8/17/2021	001	DT		T
b.				1	10.65
c.				32,300	

21. Additional Descriptions for Materials Listed Above

773 Bill to Cust 333355

22. Special Handling Instructions and Additional Information

[illegible]

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	Signature	Month	Day	Year
[illegible]	[signature]	12	30	20

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]			20

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 704-262-6371

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
[signature]	[signature]	12	30	20

GENERATOR | TRANSPORTER | T/S/D FACILITY

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1783234	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	12/30/20 9:35 am	DATE/TIME OUT	12/30/20 9:35 a
VEHICLE	CERTD10	CONTAINER	
REFERENCE	1042680		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	75,740	NET TONS	23.35
TARE OUT	TARE WEIGHT	29,040	NET WEIGHT	46,700

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
23.35	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042680

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	TX832254

GENERATOR

3. Generator's Name and Mailing Address
[redacted]
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generator's Site Address (if different)
Colonial Operating Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number 704-262-6371	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-2[illegible]-12078 9/17/2021	001	DT		T
b.				2335	
c.				46700	

21. Additional Descriptions for Materials Listed Above
124 ISI # Con 33355

22. Special Handling Instructions and Additional Information
[redacted]

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	Signature	Month	Day	Year
PATRICK CHEEK		7	30	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Armando Nunez		07	30	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
		12	30	20

TRANSPORTER #2

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
Y6	1783242	

WEIGHMASTER	Aly G.
DATE/TIME IN	12/30/20 9:47 am
DATE/TIME OUT	12/30/20 9:47 a
VEHICLE	CERTD11
CONTAINER	
REFERENCE	1042679
BILL OF LADING	

SCALE IN	GROSS WEIGHT	71,080	NET TONS	20.99
TARE OUT	TARE WEIGHT	29,100	NET WEIGHT	41,980

INBOUND
INVOICE

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
20.99	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042679

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	[illegible]

3. Generator's Name and Mailing Address
PO BOX 87
Paw Creek, NC [illegible]

4. Phone ( )

5. Generating Location (if different)
[illegible] Huntersville-Concord Rd.
Paw Creek, NC [illegible]

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 [illegible] Landfill [illegible] Concord, NC [illegible]	14. US EPA ID Number [illegible]	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. [illegible] soil	[illegible] [illegible]				
b.				10	19
c.				41	70

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information
[illegible]

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	Signature	Month	Day	Year

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]			

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

26. Discrepancy Indication Space
[illegible] LANDFILL [illegible] CONCORD, NC [illegible]

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	11	2	20

GENERATOR, TRANSPORTER, T/S/D FACILITY

REV 04/19

GENERATOR'S COPY

COM000033
RS-F15

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
Y6	1783247	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
12/30/20 10:01 am	12/30/20 10:01 a

VEHICLE	CONTAINER
BT16	

REFERENCE 1042678

BILL OF LADING

SCALE IN	GROSS WEIGHT	65,540	NET TONS	19.04
TARE OUT	TARE WEIGHT	27,460	NET WEIGHT	38,080

INBOUND
INVOICE

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
19.04	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042678

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1783247

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14198 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	01	DT		T
b.				19	04
c.				38	080

21. Additional Descriptions for Materials Listed Above

226 B-1-8 Ord 33335

22. Special Handling Instructions and Additional Information

[illegible]

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	Signature	Month	Day	Year
Patrick Russell	[signature]	12	30	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Rory E. Spelling Jr	[signature]	12	30	2020

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
[signature]	[signature]	12	30	20

TRANSPORTER #2

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
Y6	1783264	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
12/30/20 10:28 am	12/30/20 10:28 a

VEHICLE: kt12
CONTAINER:
REFERENCE: 1042677
BILL OF LADING:

SCALE IN	GROSS WEIGHT	50,920	NET TONS	13.20
TARE OUT	TARE WEIGHT	24,520	NET WEIGHT	26,400

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
13.20	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

~~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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042677

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			1832164

GENERATOR

3. Generator's Name and Mailing Address	5. Generating location (if different)
CPC PO BOX 87 Paw Creek, NC 28213	Colonial Pipeline Company 14198 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	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-4371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-28-12078 2/17/2021	001	DT		T
b.				1320	
c.				21400	

21. Additional Descriptions for Materials Listed Above

1 of 1 Bill of Lading 3338.5

22. Special Handling Instructions and Additional Information

[redacted]

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	Signature	Month	Day	Year
PATRICK CHRISTL		12	2	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Michael Kay		12	30	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-4371

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
		12	30	20

TRANSPORTER #2

SITE

BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER

333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216
Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
Y6	1783269	

WEIGHMASTER: ~~TERI T.~~

DATE/TIME IN	DATE/TIME OUT
~~12/30/20 10:40 am~~	~~12/30/20 10:40 a~~

VEHICLE: kt10
CONTAINER:
REFERENCE: 1042676
BILL OF LADING:

SCALE IN GROSS WEIGHT 49,700 NET TONS 11.66 INBOUND
TARE OUT TARE WEIGHT 26,380 NET WEIGHT 23,320 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
11.66	tn	SW-CONT SOIL-ALT Origin:MECKLENBURG 100% DAILY COVER				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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#

17832269

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042676

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213

5. Generating Location (if different)
Colonial Pipeline Company
14118 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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	D1	11.66 / 23,320	T
b.					
c.					

21. Additional Descriptions for Materials Listed Above

CCP B-P to CC? 333855

22. Special Handling Instructions and Additional Information

[illegible]

23. **GENERATOR'S CERTIFICATION:** I hereby certity 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	Signature	Month	Day	Year
Patrick [illegible]	[signature]	12	[illegible]	20

GENERATOR

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	[illegible]	[illegible]	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

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	Signature	Month	Day	Year
[signature]	[signature]	12	30	20

T/S/D FACILITY

TRANSPORTER #2

COM000033

RS-F15

REV 04/19

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
Y6	1783267	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
12/30/20 10:37 am	12/30/20 10:37 a

VEHICLE	CONTAINER
cgg2	

REFERENCE: 1042675

BILL OF LADING:

SCALE IN	GROSS WEIGHT	54,240	NET TONS	13.89	INBOUND
TARE OUT	TARE WEIGHT	26,460	NET WEIGHT	27,780	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
13.89	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042675

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1783207

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 27
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14118 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number 704-262-6371	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				13.59	
c.				27.180	

21. Additional Descriptions for Materials Listed Above
T9 R11 to Ga-1 333355

22. Special Handling Instructions and Additional Information
[redacted]

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	Signature	Month	Day	Year
[illegible]	[illegible]	12	30	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alex Miller	Alex Miller			

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
[illegible]	[illegible]	12	30	20

TRANSPORTER #2

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1783258	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	12/30/20 10:22 am	DATE/TIME OUT	12/30/20 10:22 a
VEHICLE	certrt9	CONTAINER	
REFERENCE	1042674		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	74,800	NET TONS	20.15
TARE OUT	TARE WEIGHT	34,500	NET WEIGHT	40,300

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
20.15	tn	SW-CONT SOIL-ALT DAILY Origin:MECKLENBURG 100% COVER				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST 1042674

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	17832 58

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14103 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address: CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number: 704-262-6371	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 8/17/2021	001	D[illegible]		T
b.				20	15
c.				40	300

21. Additional Descriptions for Materials Listed Above

290 [illegible] 33335

22. Special Handling Instructions and Additional Information

[redacted]

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	Signature	Month	Day	Year
Patrick Chr[illegible]	[signature]	12	[illegible]	[illegible]

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Phillip Smith	[signature]	12	30	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
[signature]	[signature]	12	30	20

REV 04/19

TRANSPORTER #2

COM000033

RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1783366	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	12/30/20 1:44 pm	DATE/TIME OUT	12/30/20 1:44 p
VEHICLE	CERTD11	CONTAINER	
REFERENCE	1042673		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	66,380	NET TONS	18.64
TARE OUT	TARE WEIGHT	29,100	NET WEIGHT	37,280

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
18.64	tn	SW-CONT SOIL-ALT DAILY Origin:MECKLENBURG 100% COVER				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042673

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of [illegible]
3. Generator's Name and Mailing Address [illegible] [illegible] 4. Phone ( )	5. Generating Location (if different) [illegible] [illegible] [illegible] 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 [illegible]	14. US EPA ID Number [illegible]	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
		No.	Type		
a. [illegible]	[illegible] [illegible]				
b.				18	64
c.				57	20

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

[illegible]

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	Signature	Month	Day	Year

GENERATOR

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]			

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

26. Discrepancy Indication Space

[illegible]

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	12	20	20

T/S/D FACILITY

GENERATOR'S COPY

REV 04/19

COM000033

RS-F15

SITE

BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER

333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216
Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
Y6	1783306	

WEIGHMASTER: ~~TERI T.~~

DATE/TIME IN	DATE/TIME OUT
~~12/30/20 11:33 am~~	~~12/30/20 11:33 a~~

VEHICLE: BT16

CONTAINER:

REFERENCE: 1042672

BILL OF LADING:

SCALE IN GROSS WEIGHT 70,640 NET TONS 21.59
TARE OUT TARE WEIGHT 27,460 NET WEIGHT 43,180

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
21.59	tn	SW-CONT SOIL-ALT Origin:MECKLENBURG 100%				
		DAILY COVER				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

HARD HATS AND SAFETY VEST ARE REQUIRED WHEN EXITING YOUR VEHICLE

WHILE IN THE LANDFILL. IF YOU DO NOT HAVE THESE ITEMS YOU MAY BORROW

A SET FROM THE SCALE HOUSE. THANK YOU.

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (04/19)

SIGNATURE _____

NET AMOUNT
TENDERED
CHANGE
CHECK#

REPUBLIC SERVICES

1783306

NON-HAZARDOUS WASTE MANIFEST

1042672

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14118 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

	16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.	contaminated soil	5010-20-12078 9/17/2021			21,59	
b.						
c.					43,180	

21. Additional Descriptions for Materials Listed Above

292 Bill to Carl 333355

22. Special Handling Instructions and Additional Information

~~[illegible]~~

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	Signature	Month	Day	Year
[illegible]	[signature]	12	[illegible]	[illegible]

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roy E. Spurlin [illegible]	[signature]	12	30	20[illegible]

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 704-262-6371

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
[signature]	[signature]	12	30	[illegible]

GENERATOR / TRANSPORTER / T/S/D FACILITY

TRANSPORTER #2

COM00003
RS-F15
REV 04/19

SITE

BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER

333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216
Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
Y6	1783308	

WEIGHMASTER TERI T.

DATE/TIME IN	DATE/TIME OUT
12/30/20 11:36 am	12/30/20 11:36 a

VEHICLE	CONTAINER
CERTD10	

REFERENCE 1042671

BILL OF LADING

SCALE IN GROSS WEIGHT 78,100 NET TONS 24.53
TARE OUT TARE WEIGHT 29,040 NET WEIGHT 49,060

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
24.53	tn	SW-CONT SOIL-ALT Origin:MECKLENBURG 100% DAILY COVER				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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#

RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

1783308

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042671

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 14113 Huntersville-Concord Rd. Paw Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 8/17/2021	001	BT		T
b.				24,53	
c.				49,060	

21. Additional Descriptions for Materials Listed Above

793 Bill to Acct 333355

22. Special Handling Instructions and Additional Information

[redacted]

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	Signature	Month	Day	Year
		12	30	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Armando Nunez		12	30	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
		12	30	20

REV 04/19

TRANSPORTER #2

COM000033
RS-F15

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1783324	CELL
WEIGHMASTER	Aly G.	
DATE/TIME IN	12/30/20 12:10 pm	DATE/TIME OUT 12/30/20 12:10 p
VEHICLE	cgg2	CONTAINER
REFERENCE	1042670	
BILL OF LADING		

SCALE IN GROSS WEIGHT 58,180 NET TONS 15.86
TARE OUT TARE WEIGHT 26,460 NET WEIGHT 31,720

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
15.86	tn	SW-CONT SOIL-ALT DAILY Origin:MECKLENBURG 100% COVER				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042670

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			NR83324

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 14108 Huntersville-Concord Rd. Paw Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Moreland Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				15	SW
c.				31	TN

21. Additional Descriptions for Materials Listed Above

294 Bill to Co.# 233315

22. Special Handling Instructions and Additional Information

[redacted]

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	Signature	Month	Day	Year
[illegible]	[signature]	12	30	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alex Miller	Alex Miller	12	30	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

CMS LANDFILL 5105 MORELAND 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	Signature	Month	Day	Year
[illegible]	[signature]	12	30	20

TRANSPORTER #2

SITE

BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER

333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216
Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
Y6	1783318	

WEIGHMASTER: TERI T.

DATE/TIME IN	DATE/TIME OUT
12/30/20 11:58 am	12/30/20 11:58 a

VEHICLE: certd9

CONTAINER:

REFERENCE: 1042669

BILL OF LADING:

SCALE IN GROSS WEIGHT 75,080 NET TONS 23.36 INBOUND
TARE OUT TARE WEIGHT 28,360 NET WEIGHT 46,720 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
23.36	tn	SW-CONT SOIL-ALT Origin:MECKLENBURG 100% DAILY COVER				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

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NET AMOUNT

TENDERED

CHANGE

CHECK#

RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

1783318

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042669

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 67 Pew Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 1410[illegible] Huntersville-Concord Rd. Pew Creek, NC 28076 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	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6374	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil 5010-21-12073	9/17/2021	001	DT		T
b.				23,320	
c. D9				46,720	

21. Additional Descriptions for Materials Listed Above

295 Bill of Lading 33335

22. Special Handling Instructions and Additional Information

[illegible]

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	Signature	Month	Day	Year
[illegible]		12	2[illegible]	2[illegible]

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Phillip Cahill		12	3[illegible]	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6374

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	12	30	20

TRANSPORTER #2

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
Y6	1783376	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
12/30/20 1:59 pm	12/30/20 1:59 p

VEHICLE	CONTAINER
kt12	

REFERENCE: 1042668

BILL OF LADING:

SCALE IN	GROSS WEIGHT	49,700	NET TONS	12.59
TARE OUT	TARE WEIGHT	24,520	NET WEIGHT	25,180

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
12.59	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042668

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	P18831(?)

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number 704-262-6371	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5013-20-12078 9/17/2021	01	DT		T
b.				12	59
c.				25	180

21. Additional Descriptions for Materials Listed Above
296 ... 311 total 33335

22. Special Handling Instructions and Additional Information
[illegible]

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	Signature	Month	Day	Year
[illegible handwriting]	[signature]	12	30	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Michael Kay	[signature]	12	30	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
[signature]	[signature]	11	30	20

REV 04/19

TRANSPORTER #2

COM000033

RS-F15

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
Y6	1783381	

WEIGHMASTER Aly G.

DATE/TIME IN	DATE/TIME OUT
12/30/20 2:05 pm	12/30/20 2:05 I

VEHICLE kt10

CONTAINER

REFERENCE 1042667

BILL OF LADING

SCALE IN	GROSS WEIGHT	45,760	NET TONS	9.69
TARE OUT	TARE WEIGHT	26,380	NET WEIGHT	19,380

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
9.69	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042667

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14116 Huntersville-Concord Rd.
Paw Creek, NC 28075
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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5135 Morehead Rd Concord, NC 28027	704-262-5371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5810-20-12075 9/17/2021	01	TM		T
b.				9109	
c.				19380	

21. Additional Descriptions for Materials Listed Above
297 Bill to Cpc

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year
CPC		12	30	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
		12	30	20

TRANSPORTER #2

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1783384	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	12/30/20 2:12 pm	DATE/TIME OUT	12/30/20 2:12 p
VEHICLE	BT16	CONTAINER	
REFERENCE	1042666		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	60,140	NET TONS	16.34
TARE OUT	TARE WEIGHT	27,460	NET WEIGHT	32,680

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
16.34	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042666

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1183384

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 37
Paw Creek, NC 28213

4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14105 Huntersville-Concord Rd.
Paw Creek, NC 28078

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address **CMS Landfill 5105 Morehead Rd Concord, NC 28027**	14. US EPA ID Number **704-262-6371**	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5910-20-12078 9/17/2021**		DT		T
b.				16	34
c.				32	680

21. Additional Descriptions for Materials Listed Above

298 B.A to Cert

22. Special Handling Instructions and Additional Information

[illegible]

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	Signature	Month	Day	Year
[illegible]	[signature]	12	30	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roy E. Stallings	[signature]	12	30	2020

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

[illegible]

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
[signature]	[signature]	12	30	20

TRANSPORTER #2

SITE

BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER

333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216
Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
Y6	1783385	

WEIGHMASTER: TERI T.

DATE/TIME IN: 12/30/20 2:13 pm

DATE/TIME OUT: 12/30/20 2:13 p

VEHICLE: cqq2

CONTAINER:

REFERENCE: 1042665

BILL OF LADING:

SCALE IN GROSS WEIGHT 53,640 NET TONS 13.59 INBOUND
TARE OUT TARE WEIGHT 26,460 NET WEIGHT 27,180 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
13.59	tn	SW-CONT SOIL-ALT Origin:MECKLENBURG 100%				
		DAILY COVER				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

HARD HATS AND SAFETY VEST ARE REQUIRED WHEN EXITING YOUR VEHICLE

WHILE IN THE LANDFILL. IF YOU DO NOT HAVE THESE ITEMS YOU MAY BORROW

A SET FROM THE SCALE HOUSE. THANK YOU.

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (04/19)

SIGNATURE _____

NET AMOUNT
TENDERED
CHANGE
CHECK#

REPUBLIC SERVICES

1783385

NON-HAZARDOUS WASTE MANIFEST

1042665

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 14108 Huntersville-Concord Rd. Paw Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**
C&S Landfill 5105 Morehead Rd Concord, NC 28027	704-262-4371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	3010-20-12078 6/17/2021	001	DI		T
b.				13,791	
c.				27,180	

21. Additional Descriptions for Materials Listed Above

299 Bill to C+ 333355

22. Special Handling Instructions and Additional Information

[redacted]

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	Signature	Month	Day	Year
[illegible]		12	3	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alex Miller	Alex Miller			

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

[redacted]

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	12	30	20

TRANSPORTER #2

REV 04/19

COM000033

RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1783391	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	12/30/20 2:30 pm	DATE/TIME OUT	12/30/20 2:30 p
VEHICLE	certd9	CONTAINER	
REFERENCE	1042664		
BILL OF LADING			

SCALE IN GROSS WEIGHT 68,420 NET TONS 20.03
TARE OUT TARE WEIGHT 28,360 NET WEIGHT 40,060

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
20.03	tn	SW-CONT SOIL-ALT DAILY Origin:MECKLENBURG 100% COVER				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042664

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
		1 of 1

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 14108 Huntersville-Concord Rd. Paw Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b. D 9				20	03
c.				40	000

21. Additional Descriptions for Materials Listed Above

300 Bill to Cont 333355

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year
[illegible]	[signature]	12	30	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Phillip Sapp	[signature]	12	30	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

CMS LANDFILL WAS NOTIFIED BY CONCORD, NC PRIOR TO DELIVERY

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	12	30	20

TRANSPORTER #2

SITE
BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
Y6	1783367	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
12/30/20 1:47 pm	12/30/20 1:47 p

VEHICLE: CERTD10
CONTAINER:
REFERENCE: 1042663
BILL OF LADING:

SCALE IN	GROSS WEIGHT	73,100	NET TONS	22.03
TARE OUT	TARE WEIGHT	29,040	NET WEIGHT	44,060

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
22.03	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042663

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
GPC
PO BOX 67
Paw Creek, NC 28713
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14113 Huntersville-Concord Rd.
Paw Creek, NC 28075
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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Moorehead Rd Concord, NC 28027	704-262-8371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil 3010-20-12076	9/17/2021				
b.				2203	
c.				44	000

21. Additional Descriptions for Materials Listed Above
201 Bill to Ce 3333.5

22. Special Handling Instructions and Additional Information
[redacted]

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	Signature	Month	Day	Year
PATRICK CHRISTL		12	3-	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Armando Nunez		12	30	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space
[redacted]

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
		12	30	20

TRANSPORTER #2

REV 04/19

COM000033
RS-F15

SITE
EZ TAG --
CONCORD, NC

CUSTOMER
333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216
Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
EZ	61657	

WEIGHMASTER: TERI T.

DATE/TIME IN	DATE/TIME OUT
12/30/20 3:15 pm	12/30/20 3:15 pm

VEHICLE	CONTAINER
CERTD11	

REFERENCE: 1042662

BILL OF LADING:

SCALE IN GROSS WEIGHT 67,720 NET TONS 19.31
TARE OUT TARE WEIGHT 29,100 NET WEIGHT 38,620

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
19.31	tn	SW-CONT SOIL-ALT Origin:MECKLENBURG 100% DAILY COVER				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

Signature

NET AMOUNT
TENDERED
CHANGE
CHECK#

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.

SIGNATURE _____

RS-F042UPR (04/19)

REPUBLIC SERVICES

6/11/27

NON-HAZARDOUS WASTE MANIFEST

1042662

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of

3. Generator's Name and Mailing Address
[illegible]
PO BOX [illegible]
Paw Creek, NC [illegible]
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
[illegible] Mooresville-Concord Rd.
Paw Creek, NC [illegible]
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	14. US EPA ID Number	15. Facility's Phone
[illegible] Landfill [illegible] Morehead Rd Concord, NC [illegible]	[illegible]	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil [illegible]	[illegible]			19,3[illegible]	
b.				58,[illegible]	1670
c. D11					

21. Additional Descriptions for Materials Listed Above

2.2 [illegible]

22. Special Handling Instructions and Additional Information

[illegible]

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	Signature	Month	Day	Year
[illegible]	[illegible]			

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]			

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR / TRANSPORTER / T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

GENERATOR'S COPY

COM000033

REV 04/19

RS-F15

SITE

BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER

333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216
Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
Y6	1783418	

WEIGHMASTER: ~~TERI T.~~

DATE/TIME IN	DATE/TIME OUT
~~12/30/20 3:28 pm~~	~~12/30/20 3:28 p~~

VEHICLE: CERTD10

CONTAINER:

REFERENCE: 1042661

BILL OF LADING:

SCALE IN GROSS WEIGHT 76,720 NET TONS 23.84 INBOUND
TARE OUT TARE WEIGHT 29,040 NET WEIGHT 47,680 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
23.84	tn	SW-CONT SOIL-ALT Origin:MECKLENBURG 100% DAILY COVER				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

HARD HATS AND SAFETY VEST ARE REQUIRED WHEN EXITING YOUR VEHICLE

WHILE IN THE LANDFILL. IF YOU DO NOT HAVE THESE ITEMS YOU MAY BORROW

A SET FROM THE SCALE HOUSE. THANK YOU.

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (04/19)

SIGNATURE _____

NET AMOUNT
TENDERED
CHANGE
CHECK#

REPUBLIC SERVICES

1783418

NON-HAZARDOUS WASTE MANIFEST

1042661

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 14103 Huntersville-Concord Rd. Paw Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Moorehead Rd Concord, NC 28027	704-262-5371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil 5010-21-12078	9/17/2021	001	DI		T
b.				23,84	
c.				47,680	

21. Additional Descriptions for Materials Listed Above

303

22. Special Handling Instructions and Additional Information

Bill to Cust 333255

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	Signature	Month	Day	Year
PATRICIA CHRISTL		12	30	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Armando Nunez		12	30	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
		12	30	20

TRANSPORTER #2

REV 04/19

COM000033

RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216
Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1783433	CELL
WEIGHMASTER	TERI T.	
DATE/TIME IN 12/30/20 3:55 pm		DATE/TIME OUT 12/30/20 3:55 p
VEHICLE cgg2		CONTAINER
REFERENCE 1042660		
BILL OF LADING		

SCALE IN	GROSS WEIGHT	56,000	NET TONS	14.77
TARE OUT	TARE WEIGHT	26,460	NET WEIGHT	29,540

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
14.77	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

17834 33

NON-HAZARDOUS WASTE MANIFEST

1042660

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 67 Paw Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 14103 Huntersville-Concord Rd. Paw Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Moorehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5610-20-12078 9/17/2021	001	DT		T
b.				14.77	
c.				29,540	

21. Additional Descriptions for Materials Listed Above

304 Bill to Acct 23355

22. Special Handling Instructions and Additional Information

[redacted]

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	Signature	Month	Day	Year
PATRICK CHRISTL		12	30	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alex Miller	Alex Miller			

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
		12	30	20

TRANSPORTER #2

REV 04/19

COM000033

RS-F15

BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER
333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216
Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
Y6	1783426	

WEIGHMASTER: TERI T.

DATE/TIME IN	DATE/TIME OUT
12/30/20 3:37 pm	12/30/20 3:37 p

VEHICLE: kt12
CONTAINER:
REFERENCE: 1042659
BILL OF LADING:

SCALE IN GROSS WEIGHT 56,720 NET TONS 16.10
TARE OUT TARE WEIGHT 24,520 NET WEIGHT 32,200

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
16.10	tn	SW-CONT SOIL-ALT Origin:MECKLENBURG 100%				
		DAILY COVER				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

SIGNATURE _____

NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)

REPUBLIC SERVICES

1783426

NON-HAZARDOUS WASTE MANIFEST

1042659

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 57 Paw Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 14113 Huntersville-Concord Rd. Paw Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-8371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021			16.10	
b.				32,200	
c.					

21. Additional Descriptions for Materials Listed Above

305 Bill to Cpl 333355

22. Special Handling Instructions and Additional Information

[redacted]

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	Signature	Month	Day	Year
Patrick Clarke		12	20	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Michael Long		12	30	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

[redacted]

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
		12	31	20

TRANSPORTER #2

REV 04/19

COM000033
RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1783967	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	1/4/21 10:08 am	DATE/TIME OUT	1/4/21 10:08 am
VEHICLE	BT16	CONTAINER	
REFERENCE	1042658		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	61,100	NET TONS 16.82	INBOUND
TARE OUT	TARE WEIGHT	27,460	NET WEIGHT 33,640	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
16.82	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042658

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	183906

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14118 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-782-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				16	82
c.				33	440

21. Additional Descriptions for Materials Listed Above

30 Rb to Cal

22. Special Handling Instructions and Additional Information

EM: 2787-69470

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	Signature	Month	Day	Year
Patrick Christie	[signature]	12	3	21

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roy E Stanford	[signature]	12	3	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

1421

Printed/Typed Name	Signature	Month	Day	Year
[signature]	[signature]	12	3	

GENERATOR / TRANSPORTER / T/S/D FACILITY

TRANSPORTER #2

COM000033

RS-F15

REV 04/19

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1783976	CELL
WEIGHMASTER	Aly G.	
DATE/TIME IN 1/4/21 10:25 am		DATE/TIME OUT 1/4/21 10:25 am
VEHICLE CERTD10		CONTAINER
REFERENCE 1042657		
BILL OF LADING		

SCALE IN GROSS WEIGHT 67,920 NET TONS 19.44 INBOUND
TARE OUT TARE WEIGHT 29,040 NET WEIGHT 38,880 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
19.44	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042657

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			1

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 14108 Huntersville-Concord Rd. Paw Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Moorehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	01	DT		T
b.				1944	
c.				38850	

21. Additional Descriptions for Materials Listed Above

207 Bill to Acct 333355

22. Special Handling Instructions and Additional Information

[redacted]

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	Signature	Month	Day	Year
PATRICK CHRISM		1	4	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Amanda Nunez		1	4	21

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
AMY	AMY	1	4	21

TRANSPORTER #2

COM000033

REV 04/19

RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1783981	CELL
WEIGHMASTER	Aly G.	
DATE/TIME IN 1/4/21 10:32 am		DATE/TIME OUT 1/4/21 10:32 am
VEHICLE CERTD11		CONTAINER
REFERENCE 1042656		
BILL OF LADING		

SCALE IN GROSS WEIGHT 68,540 NET TONS 19.72
TARE OUT TARE WEIGHT 29,100 NET WEIGHT 39,440

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
19.72	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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.

SIGNATURE _____

RS-F042UPR (04/19)

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042656

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	[illegible]

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX [illegible] Paw Creek, NC [illegible] 4. Phone ( )	Colonial Pipeline Company 141[illegible] Huntersville-Concord Rd. Paw Creek, NC [illegible] 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 [illegible] Morehead Rd Concord, NC [illegible]	14. US EPA ID Number 704-[illegible]	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	[illegible] [illegible]				
b.				19	72
c.				29	440

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

[illegible]

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	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
HLW	HLW	11	4	21

GENERATOR'S COPY

COM000033

REV 04/19 RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6 | TICKET # 1783999 | CELL

WEIGHMASTER Keyona C.

DATE/TIME IN 1/4/21 11:15 am | DATE/TIME OUT 1/4/21 11:15 am

VEHICLE kt10 | CONTAINER

REFERENCE 1042655

BILL OF LADING

SCALE IN GROSS WEIGHT 47,700 NET TONS 10.66
TARE OUT TARE WEIGHT 26,380 NET WEIGHT 21,320

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
10.66	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042655

1. Generator's US EPA ID Number	Manifest Document Number / 2. Page 1 of — 1088999
3. Generator's Name and Mailing Address: CPC, PO BOX 87, Paw Creek, NC 28213; 4. Phone ( )	5. Generating Location (if different): Colonial Pipeline Company, 14108 Huntersville-Concord Rd., Paw Creek, NC 28078; 6. Phone ( )
7. Transporter #1 Company Name	8. US EPA ID Number / 9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number / 12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address: CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number / 15. Facility's Phone: 704-262-6371

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 3/17/2021				
b.				10166	
c.				21320	

21. Additional Descriptions for Materials Listed Above

209

22. Special Handling Instructions and Additional Information

Bill to Co# 3333

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name: John W. Culbreath | Signature: [signature] | Month 1 Day 4 Year 21

GENERATOR

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name: [illegible] | Signature: [signature] | Month | Day | Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

TRANSPORTER

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name: Kay | Signature: Kay | Month 1 Day 4 Year 21

T/S/D FACILITY

REV 04/19 TRANSPORTER #2 COM000033 RS-F15

SITE

BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER

333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
Y6	1784038	

WEIGHMASTER

DATE/TIME IN: ~~IN Keyona C.~~ 1/4/21 11:21 am

DATE/TIME OUT: ~~OUT Aly G.~~ 1/4/21 12:49 pm

VEHICLE: KT11

CONTAINER:

REFERENCE: 1042654

BILL OF LADING:

SCALE IN GROSS WEIGHT 57,680 NET TONS 16.17
SCALE OUT TARE WEIGHT 25,340 NET WEIGHT 32,340

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
16.17	tn	SW-CONT SOIL-ALT DAILY Origin:MECKLENBURG 100% COVER				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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#

RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

Please print or type. KTH

NON-HAZARDOUS WASTE MANIFEST

1042654

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1784038

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 14105 Huntersville-Concord Rd. Paw Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number	15. Facility's Phone 704-262-6371

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5919-20-12078 9/17/2021	001	DT		T
b.				14	17
c.				32	340

21. Additional Descriptions for Materials Listed Above

310

22. Spacial Handling Instructions and Additional Information

Bill to Cert 233355

[illegible]09470

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	Signature	Month	Day	Year
John W. Culbreath	[signature]	1	4	21

GENERATOR

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Michael Kay	[signature]	1	4	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

26. Discrepancy Indication Space

[illegible]

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	1	4	21

T/S/D FACILITY

TRANSPORTER #2

COM000033

RS-F15

REV 04/19

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1784057	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN 1/4/21	1:57 pm	DATE/TIME OUT 1/4/21	1:57 pm
VEHICLE certd9		CONTAINER	
REFERENCE 1042653			
BILL OF LADING			

SCALE IN	GROSS WEIGHT	65,760	NET TONS	18.70
TARE OUT	TARE WEIGHT	28,360	NET WEIGHT	37,400

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
18.70	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042653

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	[redacted]

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 97 Paw Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 14108 Huntersville-Concord Rd. Paw Creek, NC 28075 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	14. US EPA ID Number	15. Facility's Phone
[redacted] Landfill 5158 Morehead Rd Concord, NC 28027	704-262-8371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021				
b.				1870	
c. T.K D9				37400	

21. Additional Descriptions for Materials Listed Above

21

22. Special Handling Instructions and Additional Information

Bill to Colonial [redacted]

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	Signature	Month	Day	Year
JOHN W. CULBRETH				

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Phillip Sapp		1	4	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Amy	Amy	1	4	21

TRANSPORTER #2

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1784061	CELL
WEIGHMASTER	Aly G.	
DATE/TIME IN 1/4/21 2:08 pm		DATE/TIME OUT 1/4/21 2:08 pm
VEHICLE BT16		CONTAINER
REFERENCE 1042652		
BILL OF LADING		

SCALE IN GROSS WEIGHT 60,440 NET TONS 16.49
TARE OUT TARE WEIGHT 27,460 NET WEIGHT 32,980

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
16.49	tn	SW-CONT SOIL-ALT DAILY Origin:MECKLENBURG 100% COVER				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042652

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1784066

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28212 4. Phone ( )	Colonial Pipeline Company 14100 Huntersville-Concord Rd. Paw Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number 704-262-6371	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5019-20-12078 9/17/2021	001	DT		T
b.				1649	
c.				32980	

21. Additional Descriptions for Materials Listed Above

312

22. Special Handling Instructions and Additional Information

Bill to Cust. 333355

[illegible]

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	Signature	Month	Day	Year
John W. Culbreth	[signature]	1	4	21

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roy E. Spellmon	[signature]	1	4	2021

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
AW	AW	1	4	21

GENERATOR — TRANSPORTER — T/S/D FACILITY

TRANSPORTER #2

REV 04/19

COM000033

RS-F15

SITE BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER 333355
CAROLINA ENVIRONMENTAL RESPONSE TEAM-CER
PO BOX 681016
CHARLOTTE, NC 28216

Contract:50102012078-1
Generator:Colonial Pipeline Company

SITE Y6	TICKET # 1784077	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	1/4/21 2:58 pm	DATE/TIME OUT	1/4/21 2:58 pm
VEHICLE	CERTD10	CONTAINER	
REFERENCE	10472651		
BILL OF LADING			

SCALE IN GROSS WEIGHT 62,260 NET TONS 16.61
TARE OUT TARE WEIGHT 29,040 NET WEIGHT 33,220

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
16.61	tn	SW-CONT SOIL-ALT DAILY Origin:MECKLENBURG 100% COVER				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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.

SIGNATURE _____

RS-F042UPR (04/19)

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042651

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1784077

3. Generator's Name and Mailing Address

CPC
PO BOX 87
Paw Creek, NC 28212

4. Phone ( )

5. Generating Location (if different)

Colonial Pipeline Company
14105 Huntersville-Concord Rd.
Paw Creek, NC 28076

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	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-13076 9/17/2021	001	DT		T
b.				1641	
c.				33220	

21. Additional Descriptions for Materials Listed Above

313

22. Special Handling Instructions and Additional Information

Bill to Cert 33355

[illegible]

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	Signature	Month	Day	Year
John W. Culbreth	[signature]	1	4	21

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Armando Nunez	[signature]	1	4	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS Landfill 233220

Printed/Typed Name	Signature	Month	Day	Year
AW	AW	1	4	21

GENERATOR / TRANSPORTER / T/S/D FACILITY

TRANSPORTER #2

COM000033

RS-F15

REV 04/19

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042650

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
		1 of 1

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
[illegible]	[illegible]
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	**14. US EPA ID Number**	**15. Facility's Phone**
[illegible]	[illegible]	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. [illegible]	[illegible]	[illegible]	[illegible]		T
b.				1100	
c.				2200	

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	1	5	17

GENERATOR'S COPY

REV 04/19

COM000033
RS-F15

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042649

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
[illegible]	Colonial Pipeline Company
PO Box [illegible]	[illegible] Huntersville-Concord Rd.
[illegible]	[illegible]
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	**14. US EPA ID Number**	**15. Facility's Phone**
[illegible]	[illegible]	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. [illegible]	[illegible]	[illegible]	[illegible]		T
b.				14	CZ
c.				22	40

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

23. **GENERATOR'S CERTIFICATION:** I hereby cartify that the abova named material is not a hazardous waste as dafined 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	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR'S COPY

REV 04/19

COM000033

RS-F15

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	1784198	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/5/21 9:11 am	1/5/21 9:11 am

VEHICLE	CONTAINER
kt10	

REFERENCE 142648

BILL OF LADING

SCALE IN GROSS WEIGHT 44,960 NET TONS 9.29 INBOUND
TARE OUT TARE WEIGHT 26,380 NET WEIGHT 18,580 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
9.29	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042648

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1784198

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 14108 Huntersville-Concord Rd. Paw Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number 704-262-6371	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				9	29
c.				18	580

21. Additional Descriptions for Materials Listed Above

316

22. Special Handling Instructions and Additional Information

~~BH 10 GA 333333~~

~~[illegible]~~

333602

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	Signature	Month	Day	Year
JOHN W. GILBREATH	[signature]	1	05	21

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jessie Bolen	Jessie Bolen	1	5	21

25. Transporter #2: Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
AW	AW	1	5	21

GENERATOR / TRANSPORTER / T/S/D FACILITY

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	Y6	TICKET #	1784205	CELL	
WEIGHMASTER	Aly G.				
DATE/TIME IN	1/5/21 9:21 am			DATE/TIME OUT	1/5/21 9:21 am
VEHICLE	cgg2			CONTAINER	
REFERENCE	1042647				
BILL OF LADING					

SCALE IN	GROSS WEIGHT	57,820	NET TONS	15.68	INBOUND
TARE OUT	TARE WEIGHT	26,460	NET WEIGHT	31,360	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
15.68	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042647

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1784205

3. Generator's Name and Mailing Address CPC PO BOX 87 Paw Creek, NC 28213 4. Phone ( )	5. Generating Location (if different) Colonial Pipeline Company 14708 Huntersville-Concord Rd. Paw Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number 704-282-8371	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				15	08
c.				31	3100

21. Additional Descriptions for Materials Listed Above

317

22. Special Handling Instructions and Additional Information

~~Bill to Cert 333355~~

~~[illegible]~~

3331107

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	Signature	Month	Day	Year
[signature]	[signature]	1	4	21

GENERATOR

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Michael Key	[signature]	1	4	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[signature]	[signature]			

TRANSPORTER

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-282-8371

Printed/Typed Name	Signature	Month	Day	Year
Amy	Amy	1	4	21

T/S/D FACILITY

TRANSPORTER #2

COM000033

REV 04/19

RS-F15

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	~~1784216~~	

WEIGHMASTER Aly G.

DATE/TIME IN	DATE/TIME OUT
~~1/5/21 9:33 am~~	1/5/21 9:33 am

VEHICLE ~~bt17~~

CONTAINER

REFERENCE 1042646

BILL OF LADING

SCALE IN GROSS WEIGHT 73,620 NET TONS 22.03
TARE OUT TARE WEIGHT 29,560 NET WEIGHT 44,060

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
22.03	tn	SW-CONT SOIL-ALT DAILY Origin:MECKLENBURG 100% COVER				

HARD HATS AND SAFETY VEST ARE REQUIRED WHEN EXITING YOUR VEHICLE

WHILE IN THE LANDFILL. IF YOU DO NOT HAVE THESE ITEMS YOU MAY BORROW

A SET FROM THE SCALE HOUSE. THANK YOU.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042646

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1784216

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213	Colonial Pipeline Company 14108 Huntersville-Concord Rd. Paw Creek, NC 28078

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	15. Facility's Phone 704-282-6371

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	01	DT		T
b.				22	03
c.				44	000

21. Additional Descriptions for Materials Listed Above

318

22. Special Handling Instructions and Additional Information

~~Bill to Cat 333555~~

~~Bill-STAT-109170~~ 333662

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	Signature	Month	Day	Year
Barry Waden	[signature]	1	4	21

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Casey Cowen	[signature]	1	5	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-282-6371

Printed/Typed Name	Signature	Month	Day	Year
AW	AW	1	5	21

GENERATOR / TRANSPORTER / T/S/D FACILITY

ORIGINAL - RETURN TO GENERATOR

REV 04/19 COM000033 RS-F15

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 Y6	TICKET # 1784217	CELL	
WEIGHMASTER Aly G.			
DATE/TIME IN 1/5/21 9:35 am		DATE/TIME OUT 1/5/21 9:35 am	
VEHICLE bt13		CONTAINER	
REFERENCE 1042645			
BILL OF LADING			

SCALE IN GROSS WEIGHT 68,440 NET TONS 18.95 INBOUND
TARE OUT TARE WEIGHT 30,540 NET WEIGHT 37,900 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
18.95	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042645

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1784217

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** **Paw Creek, NC 28213**	**Colonial Pipeline Company** **14108 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 No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	001	05		T
b.				18	95
c.				37	900

21. Additional Descriptions for Materials Listed Above

319

22. Special Handling Instructions and Additional Information

~~[struck-out text]~~ 333602

Bill to Cst ~~333355~~

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	Signature	Month	Day	Year
Danny Wooten	[signature]	1	5	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[handwritten name]		1	5	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
AW	AW	1	5	21

ORIGINAL - RETURN TO GENERATOR

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	1784231	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/5/21 9:55 am	1/5/21 9:55 am

VEHICLE: CERTD10

CONTAINER:

REFERENCE: 1042644

BILL OF LADING:

SCALE IN GROSS WEIGHT 64,680 NET TONS 17.82 INBOUND
TARE OUT TARE WEIGHT 29,040 NET WEIGHT 35,640 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
17.82	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#

RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042644

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1782311

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027		704-262-6371

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				1782	
c.				35640	

21. Additional Descriptions for Materials Listed Above

320

22. Special Handling Instructions and Additional Information

~~BH 10621~~

3331662

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	Signature	Month	Day	Year
[signature]	[signature]	1	5	21

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Armando Nunez	[signature]	1	5	20

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 704-262-6371

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
[signature]	[signature]	1	5	21

GENERATOR / TRANSPORTER / T/S/D FACILITY

ORIGINAL - RETURN TO GENERATOR

REV 04/19

COM000033

RS-F15

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	1784255	

WEIGHMASTER: ~~Aly G.~~

DATE/TIME IN	DATE/TIME OUT
~~1/5/21 10:25 am~~	~~1/5/21 10:25 am~~

VEHICLE: certd9

CONTAINER:

REFERENCE: 1042643

BILL OF LADING:

SCALE IN GROSS WEIGHT 68,940 NET TONS 20.29 INBOUND
TARE OUT TARE WEIGHT 28,360 NET WEIGHT 40,580 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
20.29	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#

RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042643

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1784255

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Morehead Rd Concord, NC 28027		704-262-6371

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date		18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078	9/17/2021	001	DT		T
b.					2029	
c. Trk D9					40580	

21. Additional Descriptions for Materials Listed Above

321

22. Special Handling Instructions and Additional Information

[redacted] 333662

~~Bill to Col 333355~~

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	Signature	Month	Day	Year
[signature]	[signature]	1	5	21

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Phillip Sml	[signature]	1	5	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
AW	AW	1	5	21

GENERATOR / TRANSPORTER / T/S/D FACILITY

REV 04/19

ORIGINAL - RETURN TO GENERATOR

COM000033

RS-F15

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	Y6	TICKET #	1784334	CELL	
WEIGHMASTER	Aly G.				
DATE/TIME IN	1/5/21 12:13 pm	DATE/TIME OUT	1/5/21 12:13 pm		
VEHICLE	CERTD11	CONTAINER			
REFERENCE	1042642				
BILL OF LADING					

SCALE IN GROSS WEIGHT	75,560	NET TONS	23.23	INBOUND
TARE OUT TARE WEIGHT	29,100	NET WEIGHT	46,460	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
23.23	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042642

PTB4334

GENERATOR

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of

3. Generator's Name and Mailing Address	5. Generating Location (if different)
[illegible]	Colonial Pipeline Company
PO BOX 87	14108 Huntersville-Concord Rd.
Paw Creek, NC 28213	Paw Creek, NC 28075
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	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5130 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5013-28-12078 9/17/2021	001	DT		T
b.				2323	
c.				46460	

21. Additional Descriptions for Materials Listed Above

23

22. Special Handling Instructions and Additional Information

[illegible]

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	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	1	4	21

GENERATOR'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042641

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1784274

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address: CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number	15. Facility's Phone: 704-262-6371

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				14	60
c.				29	200

21. Additional Descriptions for Materials Listed Above

324

22. Special Handling Instructions and Additional Information

~~Bill CTAR 180170~~
~~Bill to CA 333335~~ 333662

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	Signature	Month	Day	Year
[signature]	[signature]	1	5	21

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alex Miller	Alex Miller	1	5	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

26. Discrepancy Indication Space

27. **Facility Owner** or Operator: Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Amy	Amy	1	5	21

GENERATOR / TRANSPORTER / T/S/D FACILITY

ORIGINAL - RETURN TO GENERATOR

REV 04/19 COM000033 RS-F15

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

Please print or type.

1042640

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1784325

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027		704-262-6371

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				19	55
c.				39	100

21. Additional Descriptions for Materials Listed Above

325

22. Special Handling Instructions and Additional Information

~~[illegible]~~
Bill to Cert 333355

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	Signature	Month	Day	Year
[signature]	[signature]	1	4	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Casey Green	[signature]	1	6	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner** or operator: Certification of receipt of materials covered by this manifest except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
[signature]	[signature]	1	5	20

ORIGINAL - RETURN TO GENERATOR

REV 04/19

COM000033
RS-F15

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	1784327	

WEIGHMASTER Aly G.

DATE/TIME IN	DATE/TIME OUT
1/5/21 12:07 pm	1/5/21 12:07 pm

VEHICLE bt13

CONTAINER

REFERENCE 1042639

BILL OF LADING

SCALE IN	GROSS WEIGHT	62,400	NET TONS	15.93
TARE OUT	TARE WEIGHT	30,540	NET WEIGHT	31,860

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
15.93	tn	SW-CONT SOIL-ALT DAILY Origin:MECKLENBURG 100% COVER				

HARD HATS AND SAFETY VEST ARE REQUIRED WHEN EXITING YOUR VEHICLE

WHILE IN THE LANDFILL. IF YOU DO NOT HAVE THESE ITEMS YOU MAY BORROW

A SET FROM THE SCALE HOUSE. THANK YOU.

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (04/19)

SIGNATURE _____

NET AMOUNT
TENDERED
CHANGE
CHECK#

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042639

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1784327

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 14108 Huntersville-Concord Rd. Paw Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				1593	
c.				31	840

21. Additional Descriptions for Materials Listed Above

326

22. Special Handling Instructions and Additional Information

Bill to Cust 333355

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	Signature	Month	Day	Year
		1	4	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Rob Morrow		1	4	21

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
		1	4	21

TRANSPORTER #2

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	1784314	

WEIGHMASTER: Keyona C.

DATE/TIME IN	DATE/TIME OUT
1/5/21 11:54 am	1/5/21 11:54 am

VEHICLE	CONTAINER
CERTD11	

REFERENCE: 1042637

BILL OF LADING:

SCALE IN GROSS WEIGHT 53,880 NET TONS 12.39
TARE OUT TARE WEIGHT 29,100 NET WEIGHT 24,780

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
12.39	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.

SIGNATURE _____

NET AMOUNT

TENDERED

CHANGE

CHECK#

RS_FM42UPR (04/19)

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	Y6	TICKET #	1784334	CELL	
WEIGHMASTER	Aly G.				
DATE/TIME IN	1/5/21 12:13 pm	DATE/TIME OUT	1/5/21 12:13 pm		
VEHICLE	CERTD11	CONTAINER			
REFERENCE	1042642				
BILL OF LADING					

SCALE IN GROSS WEIGHT	75,560	NET TONS	23.23	INBOUND
TARE OUT TARE WEIGHT	29,100	NET WEIGHT	46,460	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
23.23	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

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	1784274	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/5/21 10:54 am	1/5/21 10:54 am

VEHICLE	CONTAINER
cqq2	

REFERENCE: 1042641

BILL OF LADING:

SCALE IN GROSS WEIGHT 55,660 NET TONS 14.60 INBOUND
TARE OUT TARE WEIGHT 26,460 NET WEIGHT 29,200 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
14.60	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042638

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1N84285

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 14108 Huntersville-Concord Rd. Paw Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Morehead Rd Concord, NC 28027		704-262-6371

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				1522	
c.				30440	

21. Additional Descriptions for Materials Listed Above

327

22. Special Handling Instructions and Additional Information

[redacted]
Bill to Cust 333355

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	Signature	Month	Day	Year
Tracy Wooten	Tracy Wooten	1	5	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jessie Bolen	Jessie Bolen	1	5	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. Facility Owner or Operator: Certification of receipt of materials covered by this manifest except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	1	5	21

ORIGINAL - RETURN TO GENERATOR

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	1784285	

WEIGHMASTER: Keyona G.

DATE/TIME IN	DATE/TIME OUT
1/5/21 11:11 am	1/5/21 11:11 am

VEHICLE	CONTAINER
kt10	

REFERENCE: 1042638

BILL OF LADING:

SCALE IN GROSS WEIGHT 56,820 NET TONS 15.22 INBOUND
TARE OUT TARE WEIGHT 26,380 NET WEIGHT 30,440 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
15.22	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042637

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1 of 1

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** **Paw Creek, NC 28213** 4. Phone ( )	**Colonial Pipeline Company** **14108 Huntersville-Concord Rd.** **Paw Creek, NC 28078** 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	001	DT		T
b.				1239	
c.				2480	

21. Additional Descriptions for Materials Listed Above

329

22. Special Handling Instructions and Additional Information

Bill to CoA ~~333355~~ 333662

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	Signature	Month	Day	Year
Larry Wooten		1	5	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Armanda Nunez		1	5	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner** **CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371** Certification of receipt of materials covered by this manifest except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	1	5	21

ORIGINAL - RETURN TO GENERATOR

REV 04/19

COM000033
RS-F15

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
YC	1784431	

WEIGHMASTER Aly G.

DATE/TIME IN	DATE/TIME OUT
VEHICLE 1/5/21 2:46 pm	CONTAINER 1/5/21 2:46 pm

REFERENCE ktl0

BILL OF LADING 1042631

SCALE IN GROSS WEIGHT 50,040 NET TONS 11.83 INBOUND
TARE OUT TARE WEIGHT 26,380 NET WEIGHT 23,660 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
11.83	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042636

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	784419

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address: **CMS Landfill 5105 Morehead Rd Concord, NC 28027**	14. US EPA ID Number	15. Facility's Phone: **704-262-6371**

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	001	DT		T
b.				1448	
c.				28960	

21. Additional Descriptions for Materials Listed Above

329

22. Special Handling Instructions and Additional Information

~~BILL STAT 188470~~

Bill to CoA ~~333~~ 333662

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	Signature	Month	Day	Year
[signature]	[signature]	1	5	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alex Miller	Alex Miller	1	5	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
[signature]	[signature]	1	5	21

ORIGINAL - RETURN TO GENERATOR

REV 04/19

COM000033

RS-F15

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	1784437	

WEIGHMASTER Aly G.

DATE/TIME IN	DATE/TIME OUT
1/5/21 2:54 pm	1/5/21 2:54 pm

VEHICLE

CONTAINER

REFERENCE CERTD11

BILL OF LADING 1042634

SCALE IN GROSS WEIGHT 71,420 NET TONS 21.16 INBOUND
TARE OUT TARE WEIGHT 29,100 NET WEIGHT 42,320 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
21.16	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#

RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042635

1. Generator's US EPA ID Number | Manifest Document Number | 2. Page 1 of | 1784432

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address **CMS Landfill 5105 Morehead Rd Concord, NC 28027**	14. US EPA ID Number **704-262-6371**	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil** **5010-20-12078** **9/17/2021**		001	DT		T
b.				10	74
c.				21	480

21. Additional Descriptions for Materials Listed Above
330

22. Special Handling Instructions and Additional Information
Bill to C&A ~~333662~~ 333662

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	Signature	Month	Day	Year
Tony Norton		1	5	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Armando Nunez		1	5	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner** **CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371** Certification of receipt of materials covered by manifest except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
		1	5	21

ORIGINAL - RETURN TO GENERATOR

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 Y6	TICKET # 1784325	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	1/5/21 12:06 pm	DATE/TIME OUT	1/5/21 12:06 pm
VEHICLE	bt17	CONTAINER	
REFERENCE	1042640		
BILL OF LADING			

SCALE IN GROSS WEIGHT 68,660 NET TONS 19.55 INBOUND
TARE OUT TARE WEIGHT 29,560 NET WEIGHT 39,100 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
19.55	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042634

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			1784437

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** **Paw Creek, NC 28213** 4. Phone ( )	**Colonial Pipeline Company** **14108 Huntersville-Concord Rd.** **Paw Creek, NC 28078** 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil** **5010-20-12078** **9/17/2021**		001	DT		T
b.				21|0	
c.				42320	

21. Additional Descriptions for Materials Listed Above

331

22. Special Handling Instructions and Additional Information

~~[illegible]~~
Bill to Cert ~~[illegible]~~ 333662

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	Signature	Month	Day	Year
Tony Wooten		1	5	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Josh White	Joshua White	1	5	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner:** Operator certifies receipt of the materials covered by this manifest except as noted in Item 19) **CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371**

Printed/Typed Name	Signature	Month	Day	Year
		1	5	21

ORIGINAL - RETURN TO GENERATOR

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	1784446	

WEIGHMASTER Keyona C.

DATE/TIME IN	DATE/TIME OUT
1/5/21 3:20 pm	1/5/21 3:20 pm

VEHICLE bt13

CONTAINER

REFERENCE 1042632

BILL OF LADING

SCALE IN GROSS WEIGHT 58,800 NET TONS 14.13 INBOUND
TARE OUT TARE WEIGHT 30,540 NET WEIGHT 28,260 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
14.13	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042633

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1184446

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address: CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number	15. Facility's Phone: 704-262-6371

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				1847	
c.				36940	

21. Additional Descriptions for Materials Listed Above

332

22. Special Handling Instructions and Additional Information

[redacted] Bill to Cust. 333662

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	Signature	Month	Day	Year
Danny Wooten	[signature]	1	5	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Casey Green	[signature]	1	6	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	1	5	21

ORIGINAL - RETURN TO GENERATOR

COM000033

REV 04/19 RS-F15

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	1784419	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
VEHICLE 1/5/21 2:26 pm	CONTAINER 1/5/21 2:26 pm

REFERENCE cqq2

BILL OF LADING 1042636

SCALE IN GROSS WEIGHT 55,420 NET TONS 14.48 INBOUND
TARE OUT TARE WEIGHT 26,460 NET WEIGHT 28,960 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
14.48	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042632

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1784416

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address **CMS Landfill 5105 Morehead Rd Concord, NC 28027**	14. US EPA ID Number **704-262-6371**	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	001	DT		T
b.				1413	
c.				28260	

21. Additional Descriptions for Materials Listed Above

333

22. Special Handling Instructions and Additional Information

[redacted]
Bill to Cert 333662

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	Signature	Month	Day	Year
Danny Wooten	[signature]	1	5	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Keb Marrow		1	5	21

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	1	5	21

ORIGINAL - RETURN TO GENERATOR

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	1784432	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/5/21 2:48 pm	1/5/21 2:48 pm

VEHICLE	CONTAINER
CERTD10	

REFERENCE 1042635

BILL OF LADING

SCALE IN	GROSS WEIGHT	50,520	NET TONS	10.74
TARE OUT	TARE WEIGHT	29,040	NET WEIGHT	21,480

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
10.74	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042631

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1784431

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number	15. Facility's Phone 704-262-6371

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				11	83
c.				23	1000

21. Additional Descriptions for Materials Listed Above

334

22. Special Handling Instructions and Additional Information

Bill to CA 333662
[redacted]

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	Signature	Month	Day	Year
Danny Wooten	[signature]	1	5	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jessie Bolen	Jessie Bolen	1	5	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Amy	Amy	1	5	21

ORIGINAL - RETURN TO GENERATOR

REV 04/19

COM000033

RS-F15

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	1784445	

WEIGHMASTER: ~~Keyona C.~~

DATE/TIME IN	DATE/TIME OUT
~~1/5/21 3:18 pm~~	~~1/5/21 3:18 pm~~

VEHICLE: bt17
CONTAINER:
REFERENCE: 1042633
BILL OF LADING:

SCALE IN GROSS WEIGHT 66,500 NET TONS 18.47
TARE OUT TARE WEIGHT 29,560 NET WEIGHT 36,940

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
18.47	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#

RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

Please print or type. C992

NON-HAZARDOUS WASTE MANIFEST

1042630

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1184474

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address **CMS Landfill 5105 Morehead Rd Concord, NC 28027**	14. US EPA ID Number **704-262-6371**	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	001	DT		T
b.				13	8t
c.				27	680

21. Additional Descriptions for Materials Listed Above

335

22. Special Handling Instructions and Additional Information

~~Bill-STAT-109470~~

Bill to CA. 333662

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	Signature	Month	Day	Year
Anny Wooten	[signature]	1	5	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alex Miller	Alex Miller			

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	1	5	21

ORIGINAL - RETURN TO GENERATOR

REV 04/19

COM000033

RS-F15

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	1784474	

WEIGHMASTER Keyona C.

DATE/TIME IN	DATE/TIME OUT
1/5/21 4:07 pm	1/5/21 4:26 pm

VEHICLE eqq2

CONTAINER

REFERENCE 1042630

BILL OF LADING

SCALE IN GROSS WEIGHT 54,620 NET TONS 13.84 INBOUND
SCALE OUT TARE WEIGHT 26,940 NET WEIGHT 27,680 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
13.84	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#

RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042629

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1784595

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address **CMS Landfill 5105 Morehead Rd Concord, NC 28027**	14. US EPA ID Number **704-262-6371**	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil** **5010-20-12078** **9/17/2021**		001	DT		T
b.				22640	
c.				45320	

21. Additional Descriptions for Materials Listed Above
336

22. Special Handling Instructions and Additional Information
Bill to Ref. 333662
[redacted]

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	Signature	Month	Day	Year
[illegible]	[signature]	1	5	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Armando Nunez	[signature]	1	6	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
[signature]	[signature]	1	6	20

ORIGINAL - RETURN TO GENERATOR

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	1784595	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/6/21 9:39 am	1/6/21 9:39 am

VEHICLE: CERTD10
CONTAINER:
REFERENCE: 1042629
BILL OF LADING:

SCALE IN GROSS WEIGHT 74,360 NET TONS 22.66
TARE OUT TARE WEIGHT 29,040 NET WEIGHT 45,320

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
22.66	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

679

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042628

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	T1846018

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** **Paw Creek, NC 28213** 4. Phone ( )	**Colonial Pipeline Company** **14108 Huntersville-Concord Rd.** **Paw Creek, NC 28078** 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	001	DT		T
b.				1421	
c.				28420	

21. Additional Descriptions for Materials Listed Above

337

22. Special Handling Instructions and Additional Information

Bill to Cust 333662

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	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Larry Walker		1	5	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Eric Mitchell	Eric M	1	5	21

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
		1	6	21

ORIGINAL - RETURN TO GENERATOR

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 Y6	TICKET # 1784618	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	1/6/21 9:54 am	DATE/TIME OUT	1/6/21 10:25 am
VEHICLE	bt9	CONTAINER	
REFERENCE	1042628		
BILL OF LADING			

SCALE IN GROSS WEIGHT 55,700 NET TONS 14.21 INBOUND
SCALE OUT TARE WEIGHT 27,280 NET WEIGHT 28,420 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
14.21	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042627

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1846021

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** **Paw Creek, NC 28213** 4. Phone ( )	**Colonial Pipeline Company** **14108 Huntersville-Concord Rd.** **Paw Creek, NC 28078** 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	01	DT		T
b.					
c.					

28.20
4.24

21. Additional Descriptions for Materials Listed Above

338

22. Special Handling Instructions and Additional Information

Bill to GA 3336b2
[redacted]

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	Signature	Month	Day	Year
Danny Wooten	Danny Wooten	1	6	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Josh White	Joshua White	1	6	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	1	6	21

ORIGINAL - RETURN TO GENERATOR

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	1784621	

WEIGHMASTER: Keyona C.

DATE/TIME IN	DATE/TIME OUT
1/6/21 10:28 am	1/6/21 10:28 am

VEHICLE	CONTAINER
CERTD11	

REFERENCE: 1042627

BILL OF LADING:

SCALE IN GROSS WEIGHT 76,340 NET TONS 23.62 INBOUND
TARE OUT TARE WEIGHT 29,100 NET WEIGHT 47,240 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
23.62	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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-F042(IPR (04/19)

SIGNATURE

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042626

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
		T84433

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** **Paw Creek, NC 28213** 4. Phone ( )	**Colonial Pipeline Company** **14108 Huntersville-Concord Rd.** **Paw Creek, NC 28078** 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	001	DT		T
b.				8	S2
c.				17	040

21. Additional Descriptions for Materials Listed Above

339

22. Special Handling Instructions and Additional Information

Bill to CA. 333662

[redacted]

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	Signature	Month	Day	Year
Danny Martin		1	6	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jessie Bolen		1	6	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
		1	6	21

ORIGINAL - RETURN TO GENERATOR

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	1784783	

WEIGHMASTER: Aly-G.

DATE/TIME IN	DATE/TIME OUT
1/6/21 2:37 pm	1/6/21 2:37 pm

VEHICLE: BT19

CONTAINER:

REFERENCE: 1042624

BILL OF LADING:

SCALE IN GROSS WEIGHT 47,340 NET TONS 11.17
TARE OUT TARE WEIGHT 25,000 NET WEIGHT 22,340

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
11.17	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042625

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	NC84784

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** **Paw Creek, NC 28213** 4. Phone ( )	**Colonial Pipeline Company** **14108 Huntersville-Concord Rd.** **Paw Creek, NC 28078** 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	001	PT		T
b.				13 34	
c.				21680	

21. Additional Descriptions for Materials Listed Above

340

22. Special Handling Instructions and Additional Information

Bill to Cert 3336062

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	Signature	Month	Day	Year
Tammy Worster	Tammy Worster	1	6	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alex Miller	Alex Miller			

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Alex	Alex	1	6	21

ORIGINAL - RETURN TO GENERATOR

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	1784633	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/6/21 10:45 am	1/6/21 10:45 am

VEHICLE	CONTAINER
kt10	

REFERENCE: 1042626

BILL OF LADING:

SCALE IN GROSS WEIGHT 43,420 NET TONS 8.52 INBOUND
TARE OUT TARE WEIGHT 26,380 NET WEIGHT 17,040 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
8.52	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

The undersigned individual signing this document on behalf of Customer acknowledgee 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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042624

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			1847783

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** **Pew Creek, NC 28213** 4. Phone ( )	**Colonial Pipeline Company** **14108 Huntersville-Concord Rd.** **Pew Creek, NC 28078** 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	001	PT		T
b.				11	17
c.				22340	

21. Additional Descriptions for Materials Listed Above

341

22. Special Handling Instructions and Additional Information

~~**PO: STAT 100170**~~ Bill to Acct 333662

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	Signature	Month	Day	Year
Danny Worton		1	6	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Bingham Dixon		1	6	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
		1	6	21

ORIGINAL - RETURN TO GENERATOR

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	1784784	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/6/21 2:38 pm	1/6/21 2:38 pm

VEHICLE	CONTAINER
cgg2	

REFERENCE: 1042625

BILL OF LADING:

SCALE IN GROSS WEIGHT 53,620 NET TONS 13.34
TARE OUT TARE WEIGHT 26,940 NET WEIGHT 26,680

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
13.34	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042623

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			1984787

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** **Paw Creek, NC 28213** 4. Phone ( )	**Colonial Pipeline Company** **14108 Huntersville-Concord Rd.** **Paw Creek, NC 28078** 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	001	DT		T
b.				16	84
c.				33	1680

21. Additional Descriptions for Materials Listed Above

342

22. Special Handling Instructions and Additional Information

Bill to CofA 333662

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	Signature	Month	Day	Year
Tonny Wooten		1	6	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Spencer Marlowe	Spencer Marlowe	1	6	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
		1	6	21

ORIGINAL - RETURN TO GENERATOR

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	1784815	

WEIGHMASTER: Keyona C.

DATE/TIME IN	DATE/TIME OUT
~~1/6/21 3:35 pm~~	~~1/6/21 3:35 pm~~

VEHICLE: CERTD11
CONTAINER:
REFERENCE: 1042723
BILL OF LADING:

SCALE IN GROSS WEIGHT 72,580 NET TONS 21.74 INBOUND
TARE OUT TARE WEIGHT 29,100 NET WEIGHT 43,480 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
21.74	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042622

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			1784810

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** **Paw Creek, NC 28213** 4. Phone ( )	**Colonial Pipeline Company** **14108 Huntersville-Concord Rd.** **Paw Creek, NC 28078** 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil** **5010-20-12078** **9/17/2021**		001	DT		T
b.				17	73
c.				35400	

21. Additional Descriptions for Materials Listed Above

343

22. Special Handling Instructions and Additional Information

Bill to Cost 333602

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	Signature	Month	Day	Year
Danny Wooten		1	6	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Michael Kay		1	6	21

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	1	6	21

ORIGINAL - RETURN TO GENERATOR

REV 04/19

COM000033
RS-F15

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	1784787	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/6/21 2:44 pm	1/6/21 2:44 pm

VEHICLE	CONTAINER
bpd5	

REFERENCE: 1042623

BILL OF LADING:

SCALE IN GROSS WEIGHT 60,900 NET TONS 16.84 INBOUND
TARE OUT TARE WEIGHT 27,220 NET WEIGHT 33,680 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
16.84	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042621

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1 of 1

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** **Paw Creek, NC 28213** 4. Phone ( )	**Colonial Pipeline Company** **14108 Huntersville-Concord Rd.** **Paw Creek, NC 28078** 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**				
b.				2152	
c.				43040	

21. Additional Descriptions for Materials Listed Above

344

22. Special Handling Instructions and Additional Information

Bill to Cert 333~~662~~

~~BILL DIRECT 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	Signature	Month	Day	Year
Tanny Lawson		1	6	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Armando Nunez		1	6	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
		1	6	21

ORIGINAL - RETURN TO GENERATOR

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	1784795	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/6/21 2:59 pm	1/6/21 2:59 pm

VEHICLE	CONTAINER
CERTD10	

REFERENCE: 1042621

BILL OF LADING:

SCALE IN GROSS WEIGHT 72,080 NET TONS 21.52
TARE OUT TARE WEIGHT 29,040 NET WEIGHT 43,040

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
21.52	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042722

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1/18/2021

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** 4. Phone ( ) **Paw Creek, NC 28213**	**Colonial Pipeline Company** **14105 Huntersville-Concord Rd.** 6. Phone ( ) **Paw Creek, NC 28078**

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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.		001	DT		T
b. **contaminated soil** **5010-20-12078** **9/17/2021**				14039	
c.				38780	

21. Additional Descriptions for Materials Listed Above

345

22. Special Handling Instructions and Additional Information

Bill to Cer + 333662

[redacted]

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	Signature	Month	Day	Year
Amy Wooten		1	6	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Eric Mitchell	Eric M	1	6	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	1	6	21

ORIGINAL - RETURN TO GENERATOR

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	1784812	

WEIGHMASTER: Keyona C.

DATE/TIME IN	DATE/TIME OUT
1/6/21 3:30 pm	1/6/21 3:30 pm

VEHICLE	CONTAINER
kt10	

REFERENCE: 1042724

BILL OF LADING:

SCALE IN GROSS WEIGHT 54,260 NET TONS 13.94 INBOUND
TARE OUT TARE WEIGHT 26,380 NET WEIGHT 27,880 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
13.94	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042723

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			N84815

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 4. Phone ( ) Paw Creek, NC 28213	Colonial Pipeline Company 14108 Huntersville-Concord Rd. 6. Phone ( ) Paw Creek, NC 28078

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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.		001	DT		T
b. contaminated soil	5010-20-12078 9/17/2021			21 74	
c.				43480	

21. Additional Descriptions for Materials Listed Above

346

22. Special Handling Instructions and Additional Information

Bill to Cert 333662

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	Signature	Month	Day	Year
Danny Wooten	Danny Wooten	1	6	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Danny W				

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Josh White	Joshua White	1	6	21

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	1	6	21

ORIGINAL - RETURN TO GENERATOR

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	1784809	
WEIGHMASTER	Keyona C.	
DATE/TIME IN	1/6/21 3:27 pm	DATE/TIME OUT 1/6/21 3:27 pm
VEHICLE	bt9	CONTAINER
REFERENCE	1042722	
BILL OF LADING		

SCALE IN GROSS WEIGHT 60,060 NET TONS 16.39
TARE OUT TARE WEIGHT 27,280 NET WEIGHT 32,780

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
16.39	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#

RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042724

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1784812

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number	15. Facility's Phone 704-262-6371

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	Type	19. Total Quantity	20. Unit Wt/Vol
a.		001	DT		T
b. contaminated soil	5010-20-12078 9/17/2021			1394	
c.				27880	

21. Additional Descriptions for Materials Listed Above

347

22. Special Handling Instructions and Additional Information

Bill to Cert 333662

~~XX-STAT 180179~~

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	Signature	Month	Day	Year
Danny Wooten	[signature]	1	6	21

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jessie Bolen	Jessie Bolen	1	6	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	1	6	21

GENERATOR / TRANSPORTER / T/S/D FACILITY

ORIGINAL - RETURN TO GENERATOR

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	1784911	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/7/21 8:47 am	1/7/21 8:47 am

VEHICLE: kt12
CONTAINER:
REFERENCE: 1042726
BILL OF LADING:

SCALE IN GROSS WEIGHT 49,300 NET TONS 12.39
TARE OUT TARE WEIGHT 24,520 NET WEIGHT 24,780

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
12.39	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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.

SIGNATURE _____

RS-F042UPR (04/19)

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042725

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			T849109

GENERATOR

3. Generator's Name and Mailing Address

CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)

Colonial Pipeline Company
14198 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.		001	DT		T
b. contaminated soil	5010-20-12078 9/17/2021			14	02
c.				29	240

21. Additional Descriptions for Materials Listed Above

348

22. Special Handling Instructions and Additional Information

[redacted] Bill Cut 333662

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	Signature	Month	Day	Year
Danny Wooten	Danny Wooten	1	7	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jessie Bolen	Jessie Bolen	1	7	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
AW	AW	1	7	21

ORIGINAL - RETURN TO GENERATOR

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	1784916	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/7/21 8:55 am	1/7/21 8:55 am

VEHICLE	CONTAINER
bpd5	

REFERENCE: 1042727

BILL OF LADING

SCALE IN GROSS WEIGHT 61,260 NET TONS 17.02 INBOUND
TARE OUT TARE WEIGHT 27,220 NET WEIGHT 34,040 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
17.02	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#

RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042726

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			1 of 1

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** 4. Phone ( ) **Paw Creek, NC 28213**	**Colonial Pipeline Company** **14168 Huntersville-Concord Rd.** 6. Phone ( ) **Paw Creek, NC 28078**

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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.		001	DT		T
b. **contaminated soil** **5010-20-12078** **9/17/2021**				1239	
c.				24780	

21. Additional Descriptions for Materials Listed Above

349

22. Special Handling Instructions and Additional Information

Bill to QNT 333662

[redacted]

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	Signature	Month	Day	Year
Danny Wooten		1	6	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Michael King		1	6	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
		1	7	21

ORIGINAL - RETURN TO GENERATOR

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	1784816	

WEIGHMASTER: Keyona C.

DATE/TIME IN	DATE/TIME OUT
1/6/21 3:37 pm	1/6/21 3:37 pm

VEHICLE: KT11

CONTAINER:

REFERENCE: 1042622

BILL OF LADING:

SCALE IN GROSS WEIGHT 60,800 NET TONS 17.73
TARE OUT TARE WEIGHT 25,340 NET WEIGHT 35,460

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
17.73	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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.

SIGNATURE _____

RS-F042UPR (04/19)

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042727

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1784916

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** **Paw Creek, NC 28213**	**Colonial Pipeline Company** **14108 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	15. Facility's Phone **704-262-6371**

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.		001	DT		T
b. **contaminated soil**	**5010-20-12078 9/17/2021**			17	02
c.				34	040

21. Additional Descriptions for Materials Listed Above

390

22. Special Handling Instructions and Additional Information

Bill to Cert 333662

Bill: STAT-[illegible]

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	Signature	Month	Day	Year
Danny Wooten	[signature]	1	7	21

GENERATOR

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Spencer marlowe	[signature]	1	7	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
AW	[signature]	1	7	21

T/S/D FACILITY

ORIGINAL - RETURN TO GENERATOR

REV 04/19

COM000033

RS-F15

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	1785435	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/11/21 9:44 am	1/11/21 9:44 am

VEHICLE: CERTD11

CONTAINER:

REFERENCE: 1042747

BILL OF LADING:

SCALE IN GROSS WEIGHT 60,420 NET TONS 15.66 INBOUND
TARE OUT TARE WEIGHT 29,100 NET WEIGHT 31,320 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
15.66	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042728

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			1 of 1

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 4. Phone ( ) Paw Creek, NC 28213	Colonial Pipeline Company 14108 Huntersville-Concord Rd. 6. Phone ( ) Paw Creek, NC 28078

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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.		001	DT		T
b. CONTAMINATED SOIL	5010-20-12078 9/17/2021			1529	
c.				30580	

21. Additional Descriptions for Materials Listed Above

351

22. Special Handling Instructions and Additional Information

Bill to Ref 333662

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	Signature	Month	Day	Year
JOHN W. CULBRETH	John W. Culbreth	1	7	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Bingham Dixon	Bingham Dixon	1	7	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
		1	7	21

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	1784968	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/7/21 10:34 am	1/7/21 10:34 am

VEHICLE	CONTAINER
cag2	

REFERENCE: 1042731

BILL OF LADING:

SCALE IN GROSS WEIGHT 54,000 NET TONS 13.53 INBOUND
TARE OUT TARE WEIGHT 26,940 NET WEIGHT 27,060 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
13.53	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042729

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			7849444

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 4. Phone ( ) Paw Creek, NC 28213	Colonial Pipeline Company 14108 Huntersville-Concord Rd. 6. Phone ( ) Paw Creek, NC 28078

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	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.		001	DT		T
b. contaminated soil	5010-20-12078 9/17/2021			1738	
c.				34760	

21. Additional Descriptions for Materials Listed Above

352

22. Special Handling Instructions and Additional Information

Bill to Cert 333662

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	Signature	Month	Day	Year
JOHN W. CULBRETH	John W. Culbreth	1	7	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Josh White	Joshua White	1	7	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Amy	Amy	1	7	21

ORIGINAL - RETURN TO GENERATOR

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	1784974	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/7/21 10:45 am	1/7/21 10:45 am

VEHICLE	CONTAINER
ktl0	

REFERENCE: 1042733

BILL OF LADING:

SCALE IN GROSS WEIGHT 56,480 NET TONS 15.05 INBOUND
TARE OUT TARE WEIGHT 26,380 NET WEIGHT 30,100 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
15.05	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042730

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1849772

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** 4. Phone ( ) **Paw Creek, NC 28213**	**Colonial Pipeline Company** **14108 Huntersville-Concord Rd.** 6. Phone ( ) **Paw Creek, NC 28078**

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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.		001	DT		T
b. **contaminated soil**	**5010-20-12078 9/17/2021**			200	
c.				23105	

21. Additional Descriptions for Materials Listed Above

47300

353

22. Special Handling Instructions and Additional Information

Bill to cst 333662

[illegible]170

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	Signature	Month	Day	Year
John W. Cockroft II	John W. Cockroft II	1	7	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Armando Nunez		1	7	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Amy	Amy	1	7	21

ORIGINAL - RETURN TO GENERATOR

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	1784972	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/7/21 10:39 am	1/7/21 10:39 am

VEHICLE	CONTAINER
CERTD10	

REFERENCE: 1042730

BILL OF LADING:

SCALE IN GROSS WEIGHT 76,340 NET TONS 23.65 INBOUND
TARE OUT TARE WEIGHT 29,040 NET WEIGHT 47,300 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
23.65	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 .....

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042731

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1784908

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213	Colonial Pipeline Company 14108 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	15. Facility's Phone 704-262-6371

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				13	53
c.				27	0ОО

21. Additional Descriptions for Materials Listed Above

354

22. Special Handling Instructions and Additional Information

Bill to Cert 333662

~~Bill 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	Signature	Month	Day	Year
JOHN W. CULBRETH	[signature]			

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alex Miller	Alex Miller			

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
AW	AW	1	7	21

REV 04/19

ORIGINAL - RETURN TO GENERATOR

COM000033

RS-F15

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	1784909	

WEIGHMASTER: Aly C.

DATE/TIME IN	DATE/TIME OUT
1/7/21 8:43 am	1/7/21 8:43 am

VEHICLE	CONTAINER
kt10	

REFERENCE: 1042725

BILL OF LADING:

SCALE IN GROSS WEIGHT 55,620 NET TONS 14.62 INBOUND
TARE OUT TARE WEIGHT 26,380 NET WEIGHT 29,240 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
14.62	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#

RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042732

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			NC84980

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 4. Phone ( ) Paw Creek, NC 28213	Colonial Pipeline Company 14108 Huntersville-Concord Rd. 6. Phone ( ) Paw Creek, NC 28078

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	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.		001	DT		T
b. contaminated soil	5010-20-12078 5/17/2021			17 74	
c.				35 480	

21. Additional Descriptions for Materials Listed Above

355

22. Special Handling Instructions and Additional Information

Bill to Cert 333662

[redacted]

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	Signature	Month	Day	Year
		1	7	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JOAN W. CUBBATH	Joan W. Cubbath	1	7	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Spencer Marlowe	Spencer Marlowe	1	7	21

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
		1	7	21

ORIGINAL - RETURN TO GENERATOR

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	1784980	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/7/21 10:53 am	1/7/21 10:53 am

VEHICLE	CONTAINER
bpd5	

REFERENCE: 1042732

BILL OF LADING:

SCALE IN GROSS WEIGHT 62,700 NET TONS 17.74
TARE OUT TARE WEIGHT 27,220 NET WEIGHT 35,480

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
17.74	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042733

Please print or type.

GENERATOR

1. Generator's US EPA ID Number:
Manifest Document Number:
2. Page 1 of: 1784974

3. Generator's Name and Mailing Address:
CPC
PO BOX 87
Paw Creek, NC 28213

4. Phone ( )

5. Generating Location (if different):
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078

6. Phone ( )

7. Transporter #1 Company Name:
8. US EPA ID Number:
9. Transporter #1's Phone:

10. Transporter #2 Company Name:
11. US EPA ID Number:
12. Transporter #2's Phone:

13. Designated T/S/D Facility Name and Site Address: CMS Landfill 5105 Morehead Rd Concord, NC 28027
14. US EPA ID Number:
15. Facility's Phone: 704-262-6371

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				15	05
c.				30	100

21. Additional Descriptions for Materials Listed Above
350

22. Special Handling Instructions and Additional Information
Bill to Cust 333662
[redacted]

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name: JOHN W. COLBREATH
Signature: [signature]
Month 1 Day 7 Year 21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials
Printed/Typed Name: Jessie Bolen
Signature: [signature]
Month 1 Day 7 Year 21

25. **Transporter #2:** Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name: [illegible]
Signature: [signature]
Month 1 Day 7 Year 21

ORIGINAL - RETURN TO GENERATOR

REV 04/19

COM000033
RS-F15

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	1784944	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/7/21 10:02 am	1/7/21 10:02 am

VEHICLE	CONTAINER
CERTD11	

REFERENCE: 1042729

BILL OF LADING:

SCALE IN GROSS WEIGHT 63,860 NET TONS 17.38 INBOUND
TARE OUT TARE WEIGHT 29,100 NET WEIGHT 34,760 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
17.38	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042734

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
		1

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** 4. Phone ( ) **Paw Creek, NC 28213**	**Colonial Pipeline Company** **14108 Huntersville-Concord Rd.** 6. Phone ( ) **Paw Creek, NC 28070**

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Trensporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.		001	DT		T
b. **~~contaminated soil~~** **~~5010-20-12070~~** **~~9/17/2021~~**				1120	
c.				38480	

21. Additional Descriptions for Materials Listed Above

357

22. Special Handling Instructions and Additional Information

Bill to Cust 333662

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	Signature	Month	Day	Year
JOHN W. CULBREATH	John W. Culbreath	1	7	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Bingham Dixon	Bingham Dixon	1	7	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	1	7	21

ORIGINAL - RETURN TO GENERATOR

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	1784987	

WEIGHMASTER: Keyona C.

DATE/TIME IN	DATE/TIME OUT
1/7/21 11:10 am	1/7/21 11:10 am

VEHICLE	CONTAINER
BT19	

REFERENCE: 1042734

BILL OF LADING:

SCALE IN GROSS WEIGHT 57,480 NET TONS 16.24 INBOUND
TARE OUT TARE WEIGHT 25,000 NET WEIGHT 32,480 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
16.24	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042735

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	11784099

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** **Paw Creek, NC 28213**	**Colonial Pipeline Company** **14108 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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027		**704-262-6371**

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. ~~**contaminated soil**~~	~~**5010-20-12078 9/17/2021**~~	001	DT		T
b.					1515
c.					30300

21. Additional Descriptions for Materials Listed Above

358

22. Special Handling Instructions and Additional Information

Bill to Cert 333662

~~**Bill STAT 100470**~~

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	Signature	Month	Day	Year
JOHN W. CULBREATH	[signature]	1	7	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Josh White	Joshua White	1	7	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	1	7	21

ORIGINAL - RETURN TO GENERATOR

REV 04/19

COM000033

RS-F15

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	1785055	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/7/21 2:00 pm	1/7/21 2:00 pm

VEHICLE	CONTAINER
kt10	

REFERENCE: 1042738

BILL OF LADING:

SCALE IN GROSS WEIGHT 50,560 NET TONS 12.09
TARE OUT TARE WEIGHT 26,380 NET WEIGHT 24,180

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
12.09	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.

NET AMOUNT

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CHANGE

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RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042736

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	NC850410

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 4. Phone ( ) Paw Creek, NC 28213	Colonial Pipeline Company 14108 Huntersville-Concord Rd. 6. Phone ( ) Paw Creek, NC 28078

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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	~~001~~ 001	DT		T
b.				1904	
c.				38080	

21. Additional Descriptions for Materials Listed Above

359

22. Special Handling Instructions and Additional Information

Bill to GA 333662

[redacted]

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	Signature	Month	Day	Year
JOHN W. CULBRETH	John W. Culbreth	1	7	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Armando Nunez		1	7	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
		1	7	21

ORIGINAL - RETURN TO GENERATOR

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 Y6	TICKET # 1785072	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN 1/7/21	2:26 pm	DATE/TIME OUT 1/7/21	2:26 pm
VEHICLE bpd5		CONTAINER	
REFERENCE 1042741			
BILL OF LADING			

SCALE IN GROSS WEIGHT 61,380 NET TONS 17.08 INBOUND
TARE OUT TARE WEIGHT 27,220 NET WEIGHT 34,160 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
17.08	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042737

Please print or type.

1. Generator's US EPA ID Number | Manifest Document Number | 2. Page 1 of | 1785071

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address: CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number	15. Facility's Phone: 704-262-6371

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. ~~contaminated soil~~	~~5010-20-12078~~ ~~9/17/2021~~	001	DT		T
b.				1375	
c.				27500	

21. Additional Descriptions for Materials Listed Above

360

22. Special Handling Instructions and Additional Information

Bill to Acct 333662

~~Bill STAT 169420~~

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: Dennis Wooten | Signature: [signature] | Month 1 Day 7 Year 21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name: Alex Miller | Signature: Alex Miller | Month Day Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name: AW | Signature: AW | Month 1 Day 7 Year 21

ORIGINAL - RETURN TO GENERATOR

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	1785061	

WEIGHMASTER: Aly G

DATE/TIME IN	DATE/TIME OUT
1/7/21 2:08 pm	1/7/21 2:08 pm

VEHICLE	CONTAINER
kt12	

REFERENCE: 1042739

BILL OF LADING:

SCALE IN GROSS WEIGHT 52,640 NET TONS 14.06 INBOUND
TARE OUT TARE WEIGHT 24,520 NET WEIGHT 28,120 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
14.06	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042738

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1785055

3. Generator's Name and Mailing Address

CPC
PO BOX 87
Paw Creek, NC 28213

4. Phone ( )

5. Generating Location (if different)

Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address: CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number: 704-262-6371	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	Type	19. Total Quantity	20. Unit Wt/Vol
a. ~~contaminated soil~~	~~5010-20-12078~~ ~~9/17/2021~~	001	DT		T
b.				12	09
c.				24	180

21. Additional Descriptions for Materials Listed Above

361

22. Special Handling Instructions and Additional Information

Bill to Cut 333662

~~[illegible]~~

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	Signature	Month	Day	Year
Larry Wooten	[signature]	1	7	21

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jessie Bolen	[signature]	1	7	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
[signature]	[signature]	1	7	21

GENERATOR / TRANSPORTER / T/S/D FACILITY

REV 04/19

ORIGINAL - RETURN TO GENERATOR

COM000033

RS-F15

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	1785069	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/7/21 2:21 pm	1/7/21 2:21 pm

VEHICLE	CONTAINER
BT19	

REFERENCE: 1042740

BILL OF LADING:

SCALE IN GROSS WEIGHT 56,260 NET TONS 15.63 INBOUND
TARE OUT TARE WEIGHT 25,000 NET WEIGHT 31,260 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
15.63	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042739

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** 4. Phone ( ) **Paw Creek, NC 28213**	**Colonial Pipeline Company** **14108 Huntersville-Concord Rd.** 6. Phone ( ) **Paw Creek, NC 28078**

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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.		001	DT		T
b. ~~contaminated soil~~ ~~5010-20-12078~~ ~~9/17/2021~~				14	00
c.				28	170

21. Additional Descriptions for Materials Listed Above

362

22. Special Handling Instructions and Additional Information

~~[illegible]~~ Bill to Cst 333662

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	Signature	Month	Day	Year
[illegible]	[signature]	1	7	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Michael Key	[signature]	1	7	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	1	7	21

ORIGINAL - RETURN TO GENERATOR

REV 04/19

COM000033
RS-F15

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	1785071	

WEIGHMASTER: Aly G

DATE/TIME IN	DATE/TIME OUT
1/7/21 2:24 pm	1/7/21 2:24 pm

VEHICLE	CONTAINER
cgq2	

REFERENCE: 1042737

BILL OF LADING:

SCALE IN GROSS WEIGHT 54,440 NET TONS 13.75 INBOUND
TARE OUT TARE WEIGHT 26,940 NET WEIGHT 27,500 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
13.75	tn	SW-CONT SOIL-ALT DAILY Origin:MECKLENBURG 100% COVER				

HARD HATS AND SAFETY VEST ARE REQUIRED WHEN EXITING YOUR VEHICLE

WHILE IN THE LANDFILL. IF YOU DO NOT HAVE THESE ITEMS YOU MAY BORROW

A SET FROM THE SCALE HOUSE. THANK YOU.

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (04/19)

SIGNATURE _____

NET AMOUNT

TENDERED

CHANGE

CHECK#

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042740

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			1 of 1

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CFC PO BOX 87 4. Phone ( ) Paw Creek, NC 28213	Colonial Pipeline Company 14108 Huntersville-Concord Rd. 6. Phone ( ) Paw Creek, NC 28078

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	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil 5010-20-12078 9/17/2021		001	DT		T
b.				15	LB
c.				31	LB

21. Additional Descriptions for Materials Listed Above

363

22. Special Handling Instructions and Additional Information

Bill to CoA 333662

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	Signature	Month	Day	Year
[illegible]	[signature]			

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Bingham Dixon	[signature]	1	7	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	1	7	21

ORIGINAL - RETURN TO GENERATOR

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	1784999	

WEIGHMASTER: Keyona C.

DATE/TIME IN	DATE/TIME OUT
1/7/21 11:50 am	1/7/21 11:50 am

VEHICLE	CONTAINER
CERTD11	

REFERENCE: 1042735

BILL OF LADING:

SCALE IN GROSS WEIGHT 59,400 NET TONS 15.15 INBOUND
TARE OUT TARE WEIGHT 29,100 NET WEIGHT 30,300 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
15.15	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042741

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	785072

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** 4. Phone ( ) **Paw Creek, NC 28213**	**Colonial Pipeline Company** **14108 Huntersville-Concord Rd.** 6. Phone ( ) **Paw Creek, NC 28078**

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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil** **5010-20-12078** **9/17/2021**		001	DT		T
b.				17	08
c.				34	1160

21. Additional Descriptions for Materials Listed Above

364

22. Special Handling Instructions and Additional Information

Bill to Ct 333662

EMERGENCY PHONE 800-424-9300

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	Signature	Month	Day	Year
Tony Wooten		1	7	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Spencer Marlowe	Spencer Marlowe	1	7	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
AW	AW	1	7	21

REV 04/19

ORIGINAL - RETURN TO GENERATOR

COM000033
RS-F15

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	1785076	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/7/21 2:39 pm	1/7/21 2:39 pm

VEHICLE	CONTAINER
CERTD11	

REFERENCE: 1042742

BILL OF LADING:

SCALE IN GROSS WEIGHT 67,300 NET TONS 19.10 INBOUND
TARE OUT TARE WEIGHT 29,100 NET WEIGHT 38,200 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
19.10	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042742

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			1 of 1

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** 4. Phone ( ) **Paw Creek, NC 28213**	**Colonial Pipeline Company** **14166 Huntersville-Concord Rd.** 6. Phone ( ) **Paw Creek, NC 28078**

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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. ~~contaminated soil~~	~~5010-20-12078 9/17/2021~~	001	DT		T
b.				19	10
c.				38	200

21. Additional Descriptions for Materials Listed Above

365

22. Special Handling Instructions and Additional Information

Bill to Cust 333662

~~EMERGENCY PHONE~~

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	Signature	Month	Day	Year
Tommy Hooten	Tommy Hooten	1	7	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Josh White	Josh White	1	7	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
		1	7	21

ORIGINAL - RETURN TO GENERATOR

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	1785046	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/7/21 1:42 pm	1/7/21 1:42 pm

VEHICLE	CONTAINER
CERTD10	

REFERENCE: 1042736

BILL OF LADING:

SCALE IN GROSS WEIGHT 67,120 NET TONS 19.04 INBOUND
TARE OUT TARE WEIGHT 29,040 NET WEIGHT 38,080 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
19.04	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042743

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1185084

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address: CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number	15. Facility's Phone: 704-262-6371

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				2191	
c.				48820	

21. Additional Descriptions for Materials Listed Above

3660

22. Special Handling Instructions and Additional Information

Bill to Cust 333662

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	Signature	Month	Day	Year
[illegible]	[illegible]	1	7	21

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Armando Nunez	[signature]	1	7	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	1	19	21

GENERATOR / TRANSPORTER / T/S/D FACILITY

REV 04/19

ORIGINAL - RETURN TO GENERATOR

COM000033

RS-F15

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	1785482	

WEIGHMASTER: Keyona C.

DATE/TIME IN	DATE/TIME OUT
1/11/21 11:09 am	1/11/21 11:09 am

VEHICLE	CONTAINER
BT19	

REFERENCE: 1042751

BILL OF LADING:

SCALE IN GROSS WEIGHT 61,940 NET TONS 18.47 INBOUND
TARE OUT TARE WEIGHT 25,000 NET WEIGHT 36,940 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
18.47	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042744

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	788471

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 14108 Huntersville-Concord Rd. Paw Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil 5010-20-12078 9/17/2021		001	DT		T
b. TRK D9				21	SO
c.				43000	

21. Additional Descriptions for Materials Listed Above

367

22. Special Handling Instructions and Additional Information

Bill to Cert 333662

~~Bill STAT 100179~~

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	Signature	Month	Day	Year
Tony Lester		1	11	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Phillip Scott		1	11	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Amy	Amy	1	11	20

ORIGINAL - RETURN TO GENERATOR

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	1785471	

WEIGHMASTER: ~~Aly G.~~

DATE/TIME IN	DATE/TIME OUT
~~1/11/21 10:52 am~~	~~1/11/21 10:52 am~~

VEHICLE: certd9

CONTAINER:

REFERENCE: 1042744

BILL OF LADING:

SCALE IN GROSS WEIGHT 71,360 NET TONS 21.50 INBOUND
TARE OUT TARE WEIGHT 28,360 NET WEIGHT 43,000 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
21.50	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042745

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			1785401

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 14108 Huntersville-Concord Rd. Paw Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				10	82
c.				21	040

21. Additional Descriptions for Materials Listed Above

368

22. Special Handling Instructions and Additional Information

Bill to Cust 333662

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	Signature	Month	Day	Year
Tommy Wooten		1	11	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Michael Ky		1	11	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
AMY	AMY	1	11	21

REV 04/19

ORIGINAL - RETURN TO GENERATOR

COM000033
RS-F15

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	1785462	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/11/21 10:40 am	1/11/21 10:40 am

VEHICLE	CONTAINER
kt12	

REFERENCE: 1042745

BILL OF LADING:

SCALE IN GROSS WEIGHT 46,160 NET TONS 10.82 INBOUND
TARE OUT TARE WEIGHT 24,520 NET WEIGHT 21,640 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
10.82	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042746

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1785457

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** **Paw Creek, NC 28213** 4. Phone ( )	**Colonial Pipeline Company** **14108 Huntersville-Concord Rd.** **Paw Creek, NC 28078** 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil** **5010-20-12078**	**9/17/2021**	001	DT		T
b.				10	56
c.				21	120

21. Additional Descriptions for Materials Listed Above

369

22. Special Handling Instructions and Additional Information

Bill to Cert 333662

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	Signature	Month	Day	Year
Harry Wooten		1	21	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jessie Bolen	Jessie Bolen	1	11	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
AMY	AMY	1	11	21

ORIGINAL - RETURN TO GENERATOR

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	1785437	

WEIGHMASTER: ~~Aly G.~~

DATE/TIME IN	DATE/TIME OUT
~~1/11/21 9:46 am~~	~~1/11/21 9:46 am~~

VEHICLE: CERTD10

CONTAINER:

REFERENCE: 1042749

BILL OF LADING:

SCALE IN GROSS WEIGHT 70,440 NET TONS 20.70 INBOUND
TARE OUT TARE WEIGHT 29,040 NET WEIGHT 41,400 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
20.70	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042747

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			7854325

GENERATOR

3. Generator's Name and Mailing Address

CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)

Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	001	DT		T
b.				15	LU
c.				31	370

21. Additional Descriptions for Materials Listed Above

370

22. Special Handling Instructions and Additional Information

Bill to Cert 333602

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	Signature	Month	Day	Year
[illegible]	[signature]	1	11	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Josh White	Joshua White	1	11	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
AW	AW	1	11	21

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	6	TICKET #	1785457
CELL			
WEIGHMASTER	Aly G.		
DATE/TIME IN	1/11/21 10:22 am	DATE/TIME OUT	1/11/21 10:22 ar
VEHICLE	kt10	CONTAINER	
REFERENCE	1042746		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	47,500	NET TONS	10.56
TARE OUT	TARE WEIGHT	26,380	NET WEIGHT	21,120

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
10.56	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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RS-F042UPR (04/19)

SIGNATURE

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042748

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
		1785450

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** **Paw Creek, NC 28213** Phone:	**Colonial Pipeline Company** **14105 Huntersville-Concord Rd.** **Paw Creek, NC 28078** 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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil** **5010-20-12078** **9/17/2021**		001	DT		T
b.				1833	
c.				36	LBS

21. Additional Descriptions for Materials Listed Above

371

22. Special Handling Instructions and Additional Information

Bill to CeA 333662

[redacted]

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	Signature	Month	Day	Year
Amy Winston		1	11	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Michael Torbush		1	11	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Amy	Amy	1	11	21

ORIGINAL - RETURN TO GENERATOR

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	1785084	

WEIGHMASTER: Keyona C.

DATE/TIME IN	DATE/TIME OUT
1/7/21 3:05 pm	1/7/21 3:05 pm

VEHICLE	CONTAINER
CERTD10	

REFERENCE: 1042743

BILL OF LADING:

SCALE IN GROSS WEIGHT 72,860 NET TONS 21.91
TARE OUT TARE WEIGHT 29,040 NET WEIGHT 43,820

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
21.91	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042749

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1185437

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213	Colonial Pipeline Company 14105 Huntersville-Concord Rd. Paw Creek, NC 28078

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	15. Facility's Phone 704-262-6371

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				2070	
c.				41400	

21. Additional Descriptions for Materials Listed Above

372

22. Special Handling Instructions and Additional Information

Bill to Cust 336662

~~Bill [illegible]~~

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	Signature	Month	Day	Year
Larry Wooten	[signature]	1	11	21

GENERATOR

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Armando Nunes	[signature]	1	11	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Amy	Amy	1	11	21

T/S/D FACILITY

REV 04/19

ORIGINAL - RETURN TO GENERATOR

COM000033

RS-F15

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	1785450	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/11/21 10:10 am	1/11/21 10:10 am

VEHICLE	CONTAINER
bt13	

REFERENCE: 1042748

BILL OF LADING:

SCALE IN GROSS WEIGHT 67,200 NET TONS 18.33
TARE OUT TARE WEIGHT 30,540 NET WEIGHT 36,660

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
18.33	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042750

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	PR854440

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213 Phone:	Colonial Pipeline Company 14108 Huntersville-Concord Rd. Paw Creek, NC 28078 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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				1483	
c.				29	LBS

21. Additional Descriptions for Materials Listed Above

373

22. Special Handling Instructions and Additional Information

Bill to Cost 333662

[redacted]

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	Signature	Month	Day	Year
[illegible]	[signature]	1	11	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Bingham Dixon	[signature]	1	11	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Amy	Amy	1	11	21

ORIGINAL - RETURN TO GENERATOR

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	1785488	

WEIGHMASTER: Keyona C.

DATE/TIME IN	DATE/TIME OUT
1/11/21 11:21 am	1/11/21 11:21 am

VEHICLE: bt10

CONTAINER:

REFERENCE: 1042752

BILL OF LADING:

SCALE IN GROSS WEIGHT 57,800 NET TONS 17.11 INBOUND
TARE OUT TARE WEIGHT 23,580 NET WEIGHT 34,220 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
17.11	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042751

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			1

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** **Paw Creek, NC 28213** Phone ( )	**Colonial Pipeline Company** **14108 Huntersville-Concord Rd.** **Paw Creek, NC 28078** 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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	001	DT		T
b.				1847	
c.				36940	

21. Additional Descriptions for Materials Listed Above

374

22. Special Handling Instructions and Additional Information

Bill to CoA 333962

[redacted]

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	Signature	Month	Day	Year
Larry Winston		1	11	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Eric	Eric	1	11	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	1	11	21

ORIGINAL - RETURN TO GENERATOR

BFI/CMS LANDFILL 704-782-2004 REPRINT Y6 1784923
5105 MOREHEAD RD CONCORD, NC 28025

Aly G.

333662 - ED WALLACE CONSTRUCTION, INC
PO BOX 129
STANLEY, NC 28164

1/7/21 9:08 am 1/7/21 9:08 am
BT19
1042728

Contract:50102012078-2
Generator:Colonial Pipeline Company

Scale In	GROSS WEIGHT	55,580	NET TONS	15.29	INBOUND
Manual Out	TARE WEIGHT	25,000	NET WEIGHT	30,580	INVOICE

0.00	YD	Tracking QTY
15.29	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%

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.

CHANGE:

CHECK :

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042752

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	18048

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Pawtucket, NC 28213	Colonial Pipeline Company 14108 Huntersville-Concord Rd. Pawtucket, NC 28078

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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				15 11	
c.				3 1220	

21. Additional Descriptions for Materials Listed Above

375

22. Special Handling Instructions and Additional Information

Bill to Cust 333662

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	Signature	Month	Day	Year
[illegible]	[signature]			

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
J.H Adams	[signature]	1	11	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	1	11	21

ORIGINAL - RETURN TO GENERATOR

REV 04/19

COM000033
RS-F15

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	1785504	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/11/21 12:08 pm	1/11/21 12:08 pm

VEHICLE	CONTAINER
CERTD10	

REFERENCE: 1042754

BILL OF LADING:

SCALE IN GROSS WEIGHT 75,240 NET TONS 23.10 INBOUND
TARE OUT TARE WEIGHT 29,040 NET WEIGHT 46,200 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
23.10	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042753

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** **Paw Creek, NC 28213**	**Colonial Pipeline Company** **14108 Huntersville-Concord Rd.** **Paw Creek, NC 28078**

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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	001	DT		T
b.				2003	
c.				46460	

21. Additional Descriptions for Materials Listed Above

376

22. Special Handling Instructions and Additional Information

Bill to Acct 333662

~~Bill to Acct 109470~~

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	Signature	Month	Day	Year
[illegible]	[illegible]	1	11	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Josh White	Joshua White	1	11	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	1	11	21

ORIGINAL - RETURN TO GENERATOR

REV 04/19

COM000033

RS-F15

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	1785506	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/11/21 12:10 pm	1/11/21 12:10 pm

VEHICLE	CONTAINER
BT19	

REFERENCE: 1042755

BILL OF LADING:

SCALE IN GROSS WEIGHT 62,880 NET TONS 18.94
TARE OUT TARE WEIGHT 25,000 NET WEIGHT 37,880

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
18.94	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042754

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			1785504

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213	Colonial Pipeline Company 14108 Huntersville-Concord Rd. Paw Creek, NC 28078

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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 3105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	001	DT		T
b.				23	10
c.				46	200

21. Additional Descriptions for Materials Listed Above

377

22. Special Handling Instructions and Additional Information

Bill to Cert 333662

[redacted]70

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	Signature	Month	Day	Year
[illegible]	[signature]	1	11	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Armando Nunez	[signature]	1	11	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 3105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Amy	Amy	1	11	21

ORIGINAL - RETURN TO GENERATOR

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042755

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	

GENERATOR

3. Generator's Name and Mailing Address

CPC
PO BOX 87
Paw Creek, NC 28213

5. Generating Location (if different)

Colonial Pipeline Company
14198 Huntersville-Concord Rd.
Paw Creek, NC 28078

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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	001	DT		T
b.				1894	
c.				37880	

21. Additional Descriptions for Materials Listed Above

378

22. Special Handling Instructions and Additional Information

Bill to Cst 333662

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	Signature	Month	Day	Year
Tony Wooten		1	11	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Bingham Dixon		1	11	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
AW	AW	1	11	21

ORIGINAL - RETURN TO GENERATOR

REV 04/19

COM000033
RS-F15

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	1785446	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/11/21 10:05 am	1/11/21 10:05 am

VEHICLE	CONTAINER
BT19	

REFERENCE: 1042750

BILL OF LADING:

SCALE IN GROSS WEIGHT 54,660 NET TONS 14.83
TARE OUT TARE WEIGHT 25,000 NET WEIGHT 29,660

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
14.83	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

Please print or type.

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042756

1785510

1. Generator's US EPA ID Number

Manifest Document Number

2. Page 1 of

3. Generator's Name and Mailing Address

CPC
PO BOX 87
Paw Creek, NC 28213

5. Generating Location (if different)

Colonial Pipeline Company
14105 Huntersville-Concord Rd.
Paw Creek, NC 28078

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

15. Facility's Phone

704-262-6371

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	Type	19. Total Quantity	20. Unit Wt/Vol
a.					
b. **contaminated soil**	**5010-20-12078** **9/17/2021**	001	DT		T
c.				22	47
				44	940

21. Additional Descriptions for Materials Listed Above

379

22. Special Handling Instructions and Additional Information

Bill to Cust 333662

~~INE-STAT 100470~~

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: [signature]

Signature: [signature]

Transporter #1: Acknowledgement of Receipt of Materials

Printed/Typed Name: Michael Torbush

Signature: [signature]

Month Day Year

Transporter #2: Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

Discrepancy Indication Space

Month Day Year

Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name: AW

Signature: AW

Month Day Year: 1 11 21

ORIGINAL - RETURN TO GENERATOR

A SET FROM THE SCALE HOU...

12:18 pm

TOTAL

NET AMOU...

TENDERE...

CHANG...

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	1785493	

WEIGHMASTER: Keyona C.

DATE/TIME IN	DATE/TIME OUT
~~1/11/21 11:40 am~~	~~1/11/21 11:40 am~~

VEHICLE: CERTD11
CONTAINER:
REFERENCE: 1042753
BILL OF LADING:

SCALE IN GROSS WEIGHT 74,560 NET TONS 22.73 INBOUND
TARE OUT TARE WEIGHT 29,100 NET WEIGHT 45,460 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
22.73	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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042757

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
		TX855320

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** **Paw Creek, NC 28213**	**Colonial Pipeline Company** **14108 Huntersville-Concord Rd.** **Paw Creek, NC 28078**

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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil** **5010-20-12078**	**9/17/2021**	01	DT		T
b. TRK D9				2175	
c.				43500	

21. Additional Descriptions for Materials Listed Above

380

22. Special Handling Instructions and Additional Information

[redacted] Bill to Cust 333662

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	Signature	Month	Day	Year
Jamie Lollis		1	11	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Phillip Smith		1	11	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
AW	AW	1	11	20

ORIGINAL - RETURN TO GENERATOR

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	1785536	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/11/21 1:06 pm	1/11/21 1:06 pm

VEHICLE	CONTAINER
certd9	

REFERENCE: 1042757

BILL OF LADING:

SCALE IN GROSS WEIGHT 71,860 NET TONS 21.75
TARE OUT TARE WEIGHT 28,360 NET WEIGHT 43,500

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
21.75	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042758

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1785541

3. Generator's Name and Mailing Address CPC PO BOX 87 Paw Creek, NC 28213 4. Phone	5. Generating Location (if different) Colonial Pipeline Company 14108 Huntersville-Concord Rd. Paw Creek, NC 28078 6. Phone

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number 704-262-6371	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	01	DT		T
b.				13910	
c.				27800	

21. Additional Descriptions for Materials Listed Above

381

22. Special Handling Instructions and Additional Information

[redacted] Bill to Cu + 333662

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	Signature	Month	Day	Year
Jamie Lollis	[signature]	1	11	21

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Eric	Eric	1	11	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Amy	Amy	1	11	21

GENERATOR / TRANSPORTER / T/S/D FACILITY

ORIGINAL - RETURN TO GENERATOR

REV 04/19

COM000033

RS-F15

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	1785541	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/11/21 1:15 pm	1/11/21 1:15 pm

VEHICLE	CONTAINER
bt9	

REFERENCE: 1042758

BILL OF LADING:

SCALE IN GROSS WEIGHT 55,080 NET TONS 13.90 INBOUND
TARE OUT TARE WEIGHT 27,280 NET WEIGHT 27,800 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
13.90	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042759

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
		1 of 1

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** **Paw Creek, NC 28213**	**Colonial Pipeline Company** **14108 Huntersville-Concord Rd.** **Paw Creek, NC 28078**

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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	01	TI		T
b.				1824	
c.				30480	

21. Additional Descriptions for Materials Listed Above

382

Truck #

22. Special Handling Instructions and Additional Information

[redacted] Bill to Cust 333662

BT 10

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	Signature	Month	Day	Year
Jamie Lollis		1	11	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jeff Adams		1	11	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Amy	Amy	1	11	21

ORIGINAL - RETURN TO GENERATOR

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	1785569	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/11/21 2:09 pm	1/11/21 2:09 pm

VEHICLE: CERTD10

CONTAINER:

REFERENCE: 1042763

BILL OF LADING:

SCALE IN GROSS WEIGHT 65,740 NET TONS 18.35 INBOUND
TARE OUT TARE WEIGHT 29,040 NET WEIGHT 36,700 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
18.35	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042760

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1785572

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213 Phone ( )	Colonial Pipeline Company 14198 Huntersville-Concord Rd. Paw Creek, NC 28078 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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	01	DT		T
b.				2337	
c.				46740	

21. Additional Descriptions for Materials Listed Above

383

22. Special Handling Instructions and Additional Information

Bill to Cert 333662

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	Signature	Month	Day	Year
Jamie Lollis		1	11	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Josh White	Josh White	1	11	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Amy	Amy	1	11	21

ORIGINAL - RETURN TO GENERATOR

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	1785543	

WEIGHMASTER: ~~Aly G.~~

DATE/TIME IN	DATE/TIME OUT
~~1/11/21 1:21 pm~~	~~1/11/21 1:21 pm~~

VEHICLE: bt10
CONTAINER:
REFERENCE: 1042759
BILL OF LADING:

SCALE IN GROSS WEIGHT 60,060 NET TONS 18.24
TARE OUT TARE WEIGHT 23,580 NET WEIGHT 36,480

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
18.24	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042761

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	178551

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** **Paw Creek, NC 28213** Phone ( )	**Colonial Pipeline Company** **14100 Huntersville-Concord Rd.** **Paw Creek, NC 28078** 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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	01	DT		T
b.				1293	
c.				25800	

21. Additional Descriptions for Materials Listed Above

384

22. Special Handling Instructions and Additional Information

[redacted] Bill to Cust 333662

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	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jamie Lollis		1	11	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Michael King		1	11	21

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
AW	AW	1	11	21

ORIGINAL - RETURN TO GENERATOR

REV 04/19

COM000033
RS-F15

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	1785551	

WEIGHMASTER: ~~Aly G.~~

DATE/TIME IN	DATE/TIME OUT
~~1/11/21 1:39 pm~~	~~1/11/21 1:39 pm~~

VEHICLE: kt12
CONTAINER:
REFERENCE: 1042761
BILL OF LADING:

SCALE IN GROSS WEIGHT 50,380 NET TONS 12.93 INBOUND
TARE OUT TARE WEIGHT 24,520 NET WEIGHT 25,860 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
12.93	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042762

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1785552

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213 Phone ( )	Colonial Pipeline Company 14108 Huntersville-Concord Rd. Paw Creek, NC 28078 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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	01	DT		T
b.				12	20
c.				24	520

21. Additional Descriptions for Materials Listed Above

385

22. Special Handling Instructions and Additional Information

B11 to Cert 333662

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	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jamie Lollis		1	11	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jessie Bolen	Jessie Bolen	1	11	21

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
AW	AW	1	11	21

ORIGINAL - RETURN TO GENERATOR

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	1785552	

WEIGHMASTER: Aly C.

DATE/TIME IN	DATE/TIME OUT
~~1/11/21 1:40 pm~~	~~1/11/21 1:40 pm~~

VEHICLE	CONTAINER
kt10	

REFERENCE: 1042762

BILL OF LADING:

SCALE IN GROSS WEIGHT 50,900 NET TONS 12.26 INBOUND
TARE OUT TARE WEIGHT 26,380 NET WEIGHT 24,520 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
12.26	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042763

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	11855869

GENERATOR

3. Generator's Name and Mailing Address

CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)

Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	01	DT		T
b.				18	35
c.				36700	

21. Additional Descriptions for Materials Listed Above

396

22. Special Handling Instructions and Additional Information

~~[illegible]~~ Bill to Cust 333662

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	Signature	Month	Day	Year
Jamie Lollis		1	11	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Armando Nunez		1	11	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Amy	Amy	1	11	21

ORIGINAL - RETURN TO GENERATOR

REV 04/19

COM000033
RS-F15

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	1785572	

WEIGHMASTER: Aly C.

DATE/TIME IN	DATE/TIME OUT
1/11/21 2:19 pm	1/11/21 2:19 pm

VEHICLE	CONTAINER
CERTD11	

REFERENCE: 1042760

BILL OF LADING:

SCALE IN GROSS WEIGHT 75,840 NET TONS 23.37 INBOUND
TARE OUT TARE WEIGHT 29,100 NET WEIGHT 46,740 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
23.37	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042764

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			1855810

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 14108 Huntersville-Concord Rd Paw Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	01	DT		T
b.				2129	
c.				42580	

21. Additional Descriptions for Materials Listed Above

387

22. Special Handling Instructions and Additional Information

B.11 to Cust 333662

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	Signature	Month	Day	Year
Jamie Lollis		1	11	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Michael Torbush		1	11	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
AW	AW	1	11	21

ORIGINAL - RETURN TO GENERATOR

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	1785603	

WEIGHMASTER: Keyona C.

DATE/TIME IN	DATE/TIME OUT
1/11/21 3:26 pm	1/11/21 3:26 pm

VEHICLE	CONTAINER
bt9	

REFERENCE: 1042766

BILL OF LADING:

SCALE IN GROSS WEIGHT 60,080 NET TONS 16.40 INBOUND
TARE OUT TARE WEIGHT 27,280 NET WEIGHT 32,800 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
16.40	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has reed 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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042765

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1185593

GENERATOR

3. Generator's Name and Mailing Address

CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)

Colonial Pipeline Company
14103 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	01	DT		T
b.				18 14	
c. TRK D 9				36280	

21. Additional Descriptions for Materials Listed Above

389

22. Special Handling Instructions and Additional Information

~~[illegible]~~ Bill to Acct 33662

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	Signature	Month	Day	Year
Jamie Lollis	Jamie Lollis	1	11	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Phillip Smith	Phillip Smith	1	11	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	1	11	20

ORIGINAL - RETURN TO GENERATOR

REV 04/19

COM000033
RS-F15

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	1785590	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/11/21 2:56 pm	1/11/21 2:56 pm

VEHICLE	CONTAINER
BT19	

REFERENCE: 1042772

BILL OF LADING:

SCALE IN GROSS WEIGHT 57,900 NET TONS 16.45
TARE OUT TARE WEIGHT 25,000 NET WEIGHT 32,900

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
16.45	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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SIGNATURE _____

RS-F042UPR (04/19)

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042766

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			11/5/2021

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Pew Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 14108 Huntersville-Concord Rd. Pew Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	01	DT		T
b.					16.40
c.					32.80

21. Additional Descriptions for Materials Listed Above

390

22. Special Handling Instructions and Additional Information

BOL: 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	Signature	Month	Day	Year
Landy Weston		11	21	

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Eric	Eric	11	16	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. Facility Owner or Operator: Certification of receipt of materials covered by this manifest except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Kelly	Kay	11	16	21

ORIGINAL - RETURN TO GENERATOR

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	1785616	

WEIGHMASTER Keyona C.

DATE/TIME IN	DATE/TIME OUT
VEHICLE 1/11/21 4:05 pm	CONTAINER 1/11/21 4:05 pm

REFERENCE CERTD11

BILL OF LADING 1042769

SCALE IN GROSS WEIGHT 69,460 NET TONS 20.18 INBOUND
TARE OUT TARE WEIGHT 29,100 NET WEIGHT 40,360 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
20.18	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

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NON-HAZARDOUS WASTE MANIFEST

1042767

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			1856016

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** **Paw Creek, NC 28213** 4. Phone ( )	**Colonial Pipeline Company** **14108 Huntersville-Concord Rd.** **Paw Creek, NC 28078** 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	D1	DT		T
b.				1597	
c.				B1940	

21. Additional Descriptions for Materials Listed Above

391

22. Special Handling Instructions and Additional Information

[redacted]
Bill to Cnt 333662

Truck # BT10

TRANSPORTER

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	Signature	Month	Day	Year
Tony Wooten		1	11	21

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jeff Adams		1	11	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Kelly	Kelly	1	11	21

ORIGINAL - RETURN TO GENERATOR

REV 04/19

COM000033

RS-F15

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042768

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1785641

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 14108 Huntersville-Concord Rd. Paw Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number 704-262-6371	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	01	DT		T
b.				1474	
c.				29480	

21. Additional Descriptions for Materials Listed Above

392

22. Special Handling Instructions and Additional Information

~~Bill-STAT 106170~~

Bill to Acct 333662

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	Signature	Month	Day	Year
Danny Weston	[signature]	1	11	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jessie Bolen	Jessie Bolen	1	11	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	1	11	21

ORIGINAL - RETURN TO GENERATOR

REV 04/19 COM000033 RS-F15

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	1785619	

WEIGHMASTER: Keyona C.

DATE/TIME IN	DATE/TIME OUT
~~1/11/21 4:18 pm~~	~~1/11/21 4:18 pm~~

VEHICLE: CERTD10

CONTAINER:

REFERENCE: 1042770

BILL OF LADING:

SCALE IN GROSS WEIGHT 73,520 NET TONS 22.24 INBOUND
TARE OUT TARE WEIGHT 29,040 NET WEIGHT 44,480 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
22.24	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#

RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042769

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1185616

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number 704-262-6371	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	01	D		T
b.				2018	
c.				40360	

21. Additional Descriptions for Materials Listed Above

393

22. Special Handling Instructions and Additional Information

~~Bill STAT 106170~~
Bill to Act 333662

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	Signature	Month	Day	Year
Danny Wooten	[signature]	1	11	21

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Josh White	Joshua White	1	11	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR / TRANSPORTER / T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	1	11	21

ORIGINAL - RETURN TO GENERATOR

REV 04/19

COM000033

RS-F15

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	1785593	

WEIGHMASTER: Keyona C.

DATE/TIME IN	DATE/TIME OUT
1/11/21 3:08 pm	1/11/21 3:08 pm

VEHICLE	CONTAINER
certrt9	

REFERENCE: 1042765

BILL OF LADING:

SCALE IN GROSS WEIGHT 70,780 NET TONS 18.14
TARE OUT TARE WEIGHT 34,500 NET WEIGHT 36,280

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
18.14	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042770

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1185619

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address: CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number: 704-262-6371	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	01	DT		T
b.					22204
c.					44480

21. Additional Descriptions for Materials Listed Above

394

22. Special Handling Instructions and Additional Information

~~BH-DWAT-106170~~
Bill to Act 338662

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	Signature	Month	Day	Year
Danny Waeter	[signature]	1	11	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Armando Nunez	[signature]	1	11	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owne** CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371 oted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	1	11	21

ORIGINAL - RETURN TO GENERATOR

REV 04/19

COM000033
RS-F15

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	1785606	

WEIGHMASTER: Keyona C.

DATE/TIME IN	DATE/TIME OUT
1/11/21 3:30 pm	1/11/21 3:30 pm

VEHICLE	CONTAINER
bt10	

REFERENCE: 1042767

BILL OF LADING:

SCALE IN GROSS WEIGHT 55,520 NET TONS 15.97 INBOUND
TARE OUT TARE WEIGHT 23,580 NET WEIGHT 31,940 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
15.97	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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RS-F042UPR (04/19)

SIGNATURE _____

![Republic Services logo] REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042771

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	178544

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213	Colonial Pipeline Company 14108 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 No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021				
b.				13460	
c.				27320	

21. Additional Descriptions for Materials Listed Above

395

22. Special Handling Instructions and Additional Information

Bill: 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	Signature	Month	Day	Year
[signature]	[signature]	1	11	21

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Mickael K[illegible]	[signature]	1	11	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

26. Discrepancy Indication Space

27. Facility Owner or Operator: Certification of receipt of materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Kary	Kary	1	11	21

GENERATOR / TRANSPORTER / T/S/D FACILITY

ORIGINAL - RETURN TO GENERATOR

COM000033

REV 04/19

RS-F15

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	1785586	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/11/21 2:44 pm	1/11/21 2:44 pm

VEHICLE: bt13

CONTAINER:

REFERENCE: 1042764

BILL OF LADING:

SCALE IN GROSS WEIGHT 73,120 NET TONS 21.29 INBOUND
TARE OUT TARE WEIGHT 30,540 NET WEIGHT 42,580 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
21.29	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042772

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			1785590

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 14198 Huntersville-Concord Rd. Paw Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	01	D		T
b.				1645	
c.				32900	

21. Additional Descriptions for Materials Listed Above

388

22. Special Handling Instructions and Additional Information

~~[illegible] STAT 100179~~ Bill to Cost 333662

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	Signature	Month	Day	Year
Jamie Lollis		1	11	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Bingham Dixon		1	11	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner** CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371 (as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Amy	Amy	1	11	21

ORIGINAL - RETURN TO GENERATOR

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	1785611	

WEIGHMASTER: Keyona C.

DATE/TIME IN	DATE/TIME OUT
~~1/11/21 3:50 pm~~	~~1/11/21 3:50 pm~~

VEHICLE: kt10
CONTAINER:
REFERENCE: 1042768
BILL OF LADING:

SCALE IN GROSS WEIGHT 55,860 NET TONS 14.74 INBOUND
TARE OUT TARE WEIGHT 26,380 NET WEIGHT 29,480 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
14.74	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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042773

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1785699

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14198 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	01	DT		T
b.				19	74
c. Trk D9				39	480

21. Additional Descriptions for Materials Listed Above

396

22. Special Handling Instructions and Additional Information

~~[struck-through text]~~ Bill to Act 333662

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	Signature	Month	Day	Year
Tony Wooten	[signature]	1	12	20

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Phillip Smith	[signature]	1	12	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Amy	Amy	1	12	20

ORIGINAL - RETURN TO GENERATOR

REV 04/19

COM000033

RS-F15

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	1785713	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/12/21 9:26 am	1/12/21 9:26 am

VEHICLE	CONTAINER
kt10	

REFERENCE: 1042775

BILL OF LADING:

SCALE IN GROSS WEIGHT 50,920 NET TONS 12.27 INBOUND
TARE OUT TARE WEIGHT 26,380 NET WEIGHT 24,540 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
12.27	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042774

Please print or type.

1. Generator's US EPA ID Number | Manifest Document Number | 2. Page 1 of | 1785705

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number	15. Facility's Phone 704-262-6371

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	01	DT		T
b.				18	70
c.				37	400

21. Additional Descriptions for Materials Listed Above

397

22. Special Handling Instructions and Additional Information

Bill to Cert 333642

~~FAC 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	Signature	Month	Day	Year
[signature]	[signature]	1	12	21

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Josh White	Joshua White	1	21	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

26. Discrepancy Indication Space

27. **Facility Owne**CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371 oted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
[signature]	[signature]	1	12	21

GENERATOR / TRANSPORTER / T/S/D FACILITY

ORIGINAL - RETURN TO GENERATOR

REV 04/19

COM000033

RS-F15

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	1785716	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/12/21 9:32 am	1/12/21 9:32 am

VEHICLE	CONTAINER
CERTD10	

REFERENCE: 1042776

BILL OF LADING:

SCALE IN GROSS WEIGHT 70,860 NET TONS 20.91 INBOUND
TARE OUT TARE WEIGHT 29,040 NET WEIGHT 41,820 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
20.91	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042775

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1785713

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 14108 Huntersville-Concord Rd. Paw Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number 704-262-6371	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	01	DT		T
b.				12	27
c.				24	540

21. Additional Descriptions for Materials Listed Above

398

22. Special Handling Instructions and Additional Information

~~[illegible]~~

Bill to Cert 333662

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	Signature	Month	Day	Year
[signature]	[signature]	1	12	21

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jessie Bolen	[signature]	1	12	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

26. Discrepancy Indication Space

27. **Facility Owner** ... as noted in Item 19) CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
[signature]	[signature]	1	12	21

GENERATOR / TRANSPORTER / T/S/D FACILITY

ORIGINAL - RETURN TO GENERATOR

COM000033

REV 04/19 RS-F15

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	1785699	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/12/21 9:02 am	1/12/21 9:02 am

VEHICLE	CONTAINER
certd9	

REFERENCE: 1042773

BILL OF LADING:

SCALE IN GROSS WEIGHT 67,840 NET TONS 19.74 INBOUND
TARE OUT TARE WEIGHT 28,360 NET WEIGHT 39,480 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
19.74	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042776

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1785716

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14188 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	01	DT		T
b.				20	91
c.				41	820

21. Additional Descriptions for Materials Listed Above

399

22. Special Handling Instructions and Additional Information

~~[illegible]~~

Bill to Cat 333662

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	Signature	Month	Day	Year
[signature]	[signature]	1	12	21

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Armando Nunez	[signature]	1	12	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

26. Discrepancy Indication Space

27. **Facility Owner** [...] (as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
[signature]	[signature]	1	12	21

GENERATOR / TRANSPORTER / T/S/D FACILITY

ORIGINAL - RETURN TO GENERATOR

REV 04/19

COM000033

RS-F15

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 6	TICKET # 1785705	CELL	
WEIGHMASTER	Aly G.		
DATE/TIME IN	1/12/21 9:13 am	DATE/TIME OUT	1/12/21 9:13 ar
VEHICLE	CERTD11	CONTAINER	
REFERENCE	1042774		
BILL OF LADING			

SCALE IN GROSS WEIGHT 66,500 NET TONS 18.70
TARE OUT TARE WEIGHT 29,100 NET WEIGHT 37,400

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
18.70	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042777

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	785755

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14105 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	01	DT		T
b.				20	90
c. Trk D9				41	800

21. Additional Descriptions for Materials Listed Above

400

22. Special Handling Instructions and Additional Information

~~Bill STAT 100170~~
Bill to Act 333662

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	Signature	Month	Day	Year
[signature]	[signature]	1	12	21

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Phillip Smith	[signature]	1	12	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

26. Discrepancy Indication Space

27. **Facility Owner** or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Arg	Arg	1	12	20

GENERATOR / TRANSPORTER / T/S/D FACILITY

ORIGINAL - RETURN TO GENERATOR

REV 04/19

COM000033
RS-F15

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	1785772	

WEIGHMASTER: Keyona C.

DATE/TIME IN: ~~1/12/21 11:25 am~~

DATE/TIME OUT: ~~1/12/21 11:25 am~~

VEHICLE: CERTD10

CONTAINER:

REFERENCE: 1042779

BILL OF LADING:

SCALE IN GROSS WEIGHT 70,440 NET TONS 20.70
TARE OUT TARE WEIGHT 29,040 NET WEIGHT 41,400

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
20.70	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042778

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1857103

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14168 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027		704-262-6371

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	01	DT		T
b.				1992	
c.				39840	

21. Additional Descriptions for Materials Listed Above
401

22. Special Handling Instructions and Additional Information
[redacted]
Bill to acct 333662

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	Signature	Month	Day	Year
[illegible]	[signature]	1	12	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Josh White	Joshua White	1	12	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner** CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371 (as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	1	12	21

ORIGINAL - RETURN TO GENERATOR

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	1785781	

WEIGHMASTER: Keyona C.

DATE/TIME IN	DATE/TIME OUT
1/12/21 11:38 am	1/12/21 11:38 am

VEHICLE	CONTAINER
kt10	

REFERENCE: 1042780

BILL OF LADING:

SCALE IN GROSS WEIGHT 50,600 NET TONS 12.11 INBOUND
TARE OUT TARE WEIGHT 26,380 NET WEIGHT 24,220 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
12.11	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042779

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	185772

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address **CMS Landfill 5105 Morehead Rd Concord, NC 28027**	14. US EPA ID Number **704-262-6371**	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	01	DT		T
b.				20	70
c.				4	400

21. Additional Descriptions for Materials Listed Above
402

22. Special Handling Instructions and Additional Information
~~[illegible]~~
Bill to Cell 333662

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	Signature	Month	Day	Year
[illegible]	[signature]	1	12	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Armando Nunez	[signature]	1	12	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. Facility Owner ~~CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371~~ [illegible] noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	1	12	21

ORIGINAL - RETURN TO GENERATOR

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	1785755	

WEIGHMASTER: ~~Aly C.~~

DATE/TIME IN	DATE/TIME OUT
~~1/12/21 10:48 am~~	~~1/12/21 10:48 am~~

VEHICLE: certd9

CONTAINER:

REFERENCE: 1042777

BILL OF LADING:

SCALE IN GROSS WEIGHT 70,160 NET TONS 20.90
TARE OUT TARE WEIGHT 28,360 NET WEIGHT 41,800

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
20.90	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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.

SIGNATURE _____

DS-F042UPR (04/19)

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042780

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1785781

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number 704-262-6371	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	01	DT		T
b.				12.11	
c.				24220	

21. Additional Descriptions for Materials Listed Above

403

22. Special Handling Instructions and Additional Information

~~[illegible]~~
Bill to CoA 333662

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	Signature	Month	Day	Year
Larry Wooten	[signature]	1	12	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jessie Bolen	Jessie Bolen	1	12	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner** CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371 [illegible] noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	1	12	21

ORIGINAL - RETURN TO GENERATOR

REV 04/19

COM000033
RS-F15

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	1785763	

WEIGHMASTER: Keyona C.

DATE/TIME IN	DATE/TIME OUT
1/12/21 11:13 am	1/12/21 11:13 am

VEHICLE	CONTAINER
CERTD10	

REFERENCE: 1042778

BILL OF LADING:

SCALE IN GROSS WEIGHT 68,880 NET TONS 19.92
TARE OUT TARE WEIGHT 29,040 NET WEIGHT 39,840

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
19.92	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042781

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1785875

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number 704-262-6371	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	01	DT		T
b.				2222	
c. TNK D9				44440	

21. Additional Descriptions for Materials Listed Above
404

22. Special Handling Instructions and Additional Information
Bill to Cust 333662

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	Signature	Month	Day	Year
[illegible]	[signature]	1	12	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Phillip Sigl	[signature]	1	12	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. Facility Owner or Operator: Certification of receipt of materials covered by this manifest except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	1	12	20

REV 04/19

ORIGINAL - RETURN TO GENERATOR

COM000033
RS-F15

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	1785825	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/12/21 1:25 pm	1/12/21 1:25 pm

VEHICLE	CONTAINER
certd9	

REFERENCE: 1042781

BILL OF LADING

SCALE IN GROSS WEIGHT 72,800 NET TONS 22.22
TARE OUT TARE WEIGHT 28,360 NET WEIGHT 44,440

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
22.22	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042782

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			178583

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	01	DT		T
b.				21	13
c.				42240	

21. Additional Descriptions for Materials Listed Above
405

22. Special Handling Instructions and Additional Information
~~Bill to Cpt 333662~~
Bill to Cpt 333662

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	Signature	Month	Day	Year
[illegible]	[signature]	1	12	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Armando Nunez	[signature]	1	12	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner** ~~CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371~~ (or designated agent) hereby acknowledges receipt of materials as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	1	12	21

REV 04/19

ORIGINAL - RETURN TO GENERATOR

COM000033
RS-F15

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	1785831	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/12/21 1:37 pm	1/12/21 1:37 pm

VEHICLE	CONTAINER
CERTD10	

REFERENCE: 1042782

BILL OF LADING:

SCALE IN GROSS WEIGHT 71,300 NET TONS 21.13
TARE OUT TARE WEIGHT 29,040 NET WEIGHT 42,260

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
21.13	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042783

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1785839

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213

4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number 704-262-6371	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	01	DT		T
b.				11	51
c.				23	020

21. Additional Descriptions for Materials Listed Above

406

22. Special Handling Instructions and Additional Information

~~BM-STAT-788120~~

B, A to CeA 333662

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	Signature	Month	Day	Year
Danny Wooten	(signature)	1	12	21

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jessie Bolen	Jessie Bolen	1	12	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

26. Discrepancy Indication Space

27. **Facility Owne**CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371 oted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
AW	AW	1	12	21

GENERATOR / TRANSPORTER / T/S/D FACILITY

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	1785839	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/12/21 1:52 pm	1/12/21 1:52 pm

VEHICLE	CONTAINER
kt10	

REFERENCE: 1042783

BILL OF LADING:

SCALE IN GROSS WEIGHT 49,400 NET TONS 11.51
TARE OUT TARE WEIGHT 26,380 NET WEIGHT 23,020

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
11.51	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042784

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	785843

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address **CMS Landfill 5105 Morehead Rd Concord, NC 28027**	14. US EPA ID Number **704-262-6371**	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil** **5010-20-12078** **9/17/2021**		01	DT		T
b.				1336	
c.				26720	

21. Additional Descriptions for Materials Listed Above
407

22. Special Handling Instructions and Additional Information
[redacted]
Bill Cert 333662

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	Signature	Month	Day	Year
Tracy Worten		1	12	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Josh White	Joshua White	1	12	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Amy	Amy	1	12	21

REV 04/19

ORIGINAL - RETURN TO GENERATOR

COM000033
RS-F15

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	1785843	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/12/21 2:05 pm	1/12/21 2:05 pm

VEHICLE	CONTAINER
CERTD11	

REFERENCE: 1042784

BILL OF LADING:

SCALE IN GROSS WEIGHT 55,820 NET TONS 13.36
TARE OUT TARE WEIGHT 29,100 NET WEIGHT 26,720

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
13.36	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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042785

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of

1780273

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14105 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number	15. Facility's Phone 704-262-6371

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	01	DT		T
b.				19	56
c.				39	120

21. Additional Descriptions for Materials Listed Above

408

22. Special Handling Instructions and Additional Information

~~BIL-STAT-100174~~
B/l Cert 333662

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	Signature	Month	Day	Year
Larry Wooten	[signature]	1	14	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Ricky Seymore	[signature]			

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Amy	Amy	1	14	21

REV 04/19

ORIGINAL - RETURN TO GENERATOR

COM000033
RS-F15

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	~~1786278~~	

WEIGHMASTER Aly G.

DATE/TIME IN	DATE/TIME OUT
VEHICLE ~~1/14/21 10:11 am~~	CONTAINER ~~1/14/21 10:11 am~~

REFERENCE ~~CERTD11~~

BILL OF LADING 1042787

SCALE IN GROSS WEIGHT 67,320 NET TONS 19.11
TARE OUT TARE WEIGHT 29,100 NET WEIGHT 38,220

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
19.11	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042786

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1781290

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address: CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number: 704-262-6371	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	01	DT		T
b.				2038	
c. Trk D9				40760	

21. Additional Descriptions for Materials Listed Above

409

22. Special Handling Instructions and Additional Information

~~[illegible]~~

Bill Cnt 333662

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	Signature	Month	Day	Year
[illegible signature]	[signature]	1	14	20/21

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Phillip Smith	[signature]	1	14	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Amy	Amy	1	14	20

GENERATOR / TRANSPORTER / T/S/D FACILITY

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	1786273	

WEIGHMASTER: Aly G.

DATE/TIME IN: 1/14/21 9:51 am

DATE/TIME OUT: 1/14/21 9:51 am

VEHICLE: certd9

CONTAINER:

REFERENCE: 1042785

BILL OF LADING:

SCALE IN GROSS WEIGHT 67,480 NET TONS 19.56
TARE OUT TARE WEIGHT 28,360 NET WEIGHT 39,120

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
19.56	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042787

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1 of 1

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	01	DT		T
b.				19	11
c.				38220	

21. Additional Descriptions for Materials Listed Above
410

22. Special Handling Instructions and Additional Information
[redacted]
B.11 ext 333662

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	Signature	Month	Day	Year
Amy Wooten		1	14	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Joshua White	Joshua White	1	14	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Amy	Amy	1	14	21

REV 04/19

ORIGINAL - RETURN TO GENERATOR

COM000033
RS-F15

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	1786290	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/14/21 10:32 am	1/14/21 10:32 am

VEHICLE	CONTAINER
certd9	

REFERENCE: 1042786

BILL OF LADING:

SCALE IN GROSS WEIGHT 69,120 NET TONS 20.38 INBOUND
TARE OUT TARE WEIGHT 28,360 NET WEIGHT 40,760 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
20.38	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042788

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			1

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	01	DT		T
b.				2006	
c.				40120	

21. Additional Descriptions for Materials Listed Above
411

22. Special Handling Instructions and Additional Information
~~Bill: [illegible]~~
Bill ext 333662

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	Signature	Month	Day	Year
Barry Wooten		1	14	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Ricky Stymon				

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	1	14	21

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	1786323	

WEIGHMASTER Keyona C.

DATE/TIME IN 1/14/21 11:23 am

DATE/TIME OUT 1/14/21 11:23 am

VEHICLE CERTD10

CONTAINER

REFERENCE 1042788

BILL OF LADING

SCALE IN GROSS WEIGHT 69,160 NET TONS 20.06
TARE OUT TARE WEIGHT 29,040 NET WEIGHT 40,120

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
20.06	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042789

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			1178 0827

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 14108 Huntersville-Concord Rd. Paw Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil 5010-20-12078	9/17/2021	01	DT		T
b.				23 14	
c.				4 0280	

21. Additional Descriptions for Materials Listed Above

4/12

22. Special Handling Instructions and Additional Information

[redacted]
Bill Cust 333662

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	Signature	Month	Day	Year
Brook Foster		1	14	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Josh White	Joshua White	1	14	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Confirmation of receipt of waste materials covered by this manifest (except as noted in Item 19) CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	1	14	21

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	1786327	

WEIGHMASTER Keyona C.

DATE/TIME IN	DATE/TIME OUT
VEHICLE 1/14/21 11:43 am	CONTAINER 1/14/21 11:43 am

REFERENCE CERTD11

BILL OF LADING 1042789

SCALE IN GROSS WEIGHT 75,380 NET TONS 23.14
TARE OUT TARE WEIGHT 29,100 NET WEIGHT 46,280

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
23.14	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042790

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
		1 of 2

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil** **5010-20-12078**	**9/17/2021**	01	DT		T
b.				19	92
c. TrK D9				39	840

21. Additional Descriptions for Materials Listed Above
4/13

22. Special Handling Instructions and Additional Information
~~Bill Cust 333462~~
Bill Cust 333462

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	Signature	Month	Day	Year
Larry Koster		1	14	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Phillip Smith		1	14	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
~~CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371~~

Printed/Typed Name	Signature	Month	Day	Year
AW	AW	1	14	20

REV 04/19

ORIGINAL - RETURN TO GENERATOR

COM000033
RS-F15

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	1786343	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/14/21 12:11 pm	1/14/21 12:11 pm

VEHICLE	CONTAINER
certd9	

REFERENCE: 1042790

BILL OF LADING:

SCALE IN GROSS WEIGHT 68,200 NET TONS 19.92
TARE OUT TARE WEIGHT 28,360 NET WEIGHT 39,840

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
19.92	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042791

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
		781382

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number 704-262-6371	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-25-12078 9/17/2021	01	DT		T
b.				20	78
c.				41	5000

21. Additional Descriptions for Materials Listed Above
4/4

22. Special Handling Instructions and Additional Information
[redacted]
Bill Cent 333662

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	Signature	Month	Day	Year
Larry Webster		1	14	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Rick Bigmon				

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
		1	14	21

ORIGINAL - RETURN TO GENERATOR

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	1786417	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
VEHICLE 1/14/21 2:54 pm	CONTAINER 1/14/21 2:54 pm
CERTD11	

REFERENCE: 1042793

BILL OF LADING

SCALE IN GROSS WEIGHT 75,400 NET TONS 23.15
TARE OUT TARE WEIGHT 29,100 NET WEIGHT 46,300

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
23.15	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042792

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	NR04200

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address **CMS Landfill 5105 Morehead Rd Concord, NC 28027**	14. US EPA ID Number **704-262-6371**	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil** **5010-20-12078**	**9/17/2021**	01	DT		T
b. TNK D9				1930	
c.				38600	

21. Additional Descriptions for Materials Listed Above
4/5

22. Special Handling Instructions and Additional Information
~~[illegible]~~
Bill of 33366

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	Signature	Month	Day	Year
Tony Wooten		1	14	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Phillip Smith		1	14	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
~~CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371~~

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	1	14	21

ORIGINAL - RETURN TO GENERATOR

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	1786382	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/14/21 1:42 pm	1/14/21 1:42 pm

VEHICLE	CONTAINER
certd9	

REFERENCE: 1042791

BILL OF LADING:

SCALE IN GROSS WEIGHT 69,920 NET TONS 20.78 INBOUND
TARE OUT TARE WEIGHT 28,360 NET WEIGHT 41,560 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
20.78	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042793

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			1 of 1

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 14108 Huntersville-Concord Rd. Paw Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	01	DT		T
b.				23	15
c.				46	200

21. Additional Descriptions for Materials Listed Above

416

22. Special Handling Instructions and Additional Information

Bill CeA 333662

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	Signature	Month	Day	Year
Tracy Keeton		1	14	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Josh White	Joshua White	1	14	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
AW	AW	1	14	21

ORIGINAL - RETURN TO GENERATOR

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	1786420	

WEIGHMASTER: Keyona C.

DATE/TIME IN	DATE/TIME OUT
1/14/21 3:02 pm	1/14/21 3:02 pm

VEHICLE	CONTAINER
certd9	

REFERENCE: 1042792

BILL OF LADING:

SCALE IN GROSS WEIGHT 66,960 NET TONS 19.30 INBOUND
TARE OUT TARE WEIGHT 28,360 NET WEIGHT 38,600 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
19.30	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042794

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
		1 of 1

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28076
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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027		**704-262-6371**

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	01	DT		T
b.				2101	
c.				42020	

21. Additional Descriptions for Materials Listed Above
417

22. Special Handling Instructions and Additional Information
[redacted]
Bill ref 333662

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	Signature	Month	Day	Year
Tony Weston		1	19	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Ricky Sigmon				

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Kay	Kay	1	14	21

ORIGINAL - RETURN TO GENERATOR

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	1786431	

WEIGHMASTER: ~~Keyona C.~~

DATE/TIME IN	DATE/TIME OUT
~~1/14/21 3:22 pm~~	~~1/14/21 3:22 pm~~

VEHICLE: CERTD10
CONTAINER:
REFERENCE: 1042794
BILL OF LADING:

SCALE IN GROSS WEIGHT 71,060 NET TONS 21.01
TARE OUT TARE WEIGHT 29,040 NET WEIGHT 42,020

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
21.01	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042795

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1786531

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address **CMS Landfill 5105 Morehead Rd Concord, NC 28027**	14. US EPA ID Number **704-262-6371**	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	01	DT		T
b.				2098	
c.				41900	

21. Additional Descriptions for Materials Listed Above

418

22. Special Handling Instructions and Additional Information

~~Bill 01301-100170~~
Bill CA 333662

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	Signature	Month	Day	Year
Randy Weston	[signature]	1	15	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Rocky Sigmon	[signature]			

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
Amy	[signature]	1	15	21

ORIGINAL - RETURN TO GENERATOR

REV 04/19

COM000033
RS-F15

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	1786537	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/15/21 8:41 am	1/15/21 8:41 am

VEHICLE	CONTAINER
certd9	

REFERENCE: 1042797

BILL OF LADING:

SCALE IN GROSS WEIGHT 70,680 NET TONS 21.16 INBOUND
TARE OUT TARE WEIGHT 28,360 NET WEIGHT 42,320 INVOICE

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
21.16	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042796

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1781536

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address **CMS Landfill 5105 Morehead Rd Concord, NC 28027**	14. US EPA ID Number **704-262-6371**	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	01	DT		T
b.				100000	
c.				200000	

21. Additional Descriptions for Materials Listed Above
1774
419
354480

22. Special Handling Instructions and Additional Information
Billed 333662

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	Signature	Month	Day	Year
Tony Kaeten		1	15	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Eric	Eric	1	15	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
AW	AW	1	15	21

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	1786543	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/15/21 8:50 am	1/15/21 8:50 am

VEHICLE: CERTD11

CONTAINER:

REFERENCE: 1042798

BILL OF LADING:

SCALE IN GROSS WEIGHT 70,800 NET TONS 20.85 INBOUND
TARE OUT TARE WEIGHT 29,100 NET WEIGHT 41,700 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
20.85	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042797

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1786837

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 14108 Huntersville-Concord Rd. Paw Creek, NC 28076 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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	01	DT		T
b.				21	16
c.				42	320

21. Additional Descriptions for Materials Listed Above

420

22. Special Handling Instructions and Additional Information

[redacted]

Bill to Cust 333662

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	Signature	Month	Day	Year
[illegible]	[signature]	1	15	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	1	15	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
Amy	Amy	1	15	21

ORIGINAL - RETURN TO GENERATOR

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	1786531	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/15/21 8:31 am	1/15/21 8:31 am

VEHICLE	CONTAINER
CERTD10	

REFERENCE: 1042795

BILL OF LADING:

SCALE IN GROSS WEIGHT 71,000 NET TONS 20.98 INBOUND
TARE OUT TARE WEIGHT 29,040 NET WEIGHT 41,960 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
20.98	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042798

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
		1 [illegible]

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	01	DT		T
b.				2085	
c.				41700	

21. Additional Descriptions for Materials Listed Above
421

22. Special Handling Instructions and Additional Information
[redacted]
Bill to Cert 333662

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	Signature	Month	Day	Year
Tony Wooten	[signature]	1	15	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Josh White	Joshua White	1	15	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)
CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 704-262-6371

Printed/Typed Name	Signature	Month	Day	Year
AW	AW	1	15	21

REV 04/19

ORIGINAL - RETURN TO GENERATOR

COM000033
RS-F15

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	1786536	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/15/21 8:36 am	1/15/21 8:36 am

VEHICLE	CONTAINER
bt9	

REFERENCE: 1042796

BILL OF LADING:

MANUAL IN GROSS WEIGHT 60,960 NET TONS 17.74 INBOUND
TARE OUT TARE WEIGHT 25,480 NET WEIGHT 35,480 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
17.74	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042799

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			1 781504

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** **Paw Creek, NC 28213** 4. Phone ( )	**Colonial Pipeline Company** **14108 Huntersville-Concord Rd.** **Paw Creek, NC 28078** 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil** **5010-20-12078**	**9/17/2021**	01	DT		T
b.				1974	
c.				39480	

21. Additional Descriptions for Materials Listed Above

4422

22. Special Handling Instructions and Additional Information

[redacted]
Bill to Cust 333662

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	Signature	Month	Day	Year
Danny Worster				

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Ricky Sigmon	Ricky Sigmon			

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
Amy	Amy	1	15	21

ORIGINAL - RETURN TO GENERATOR

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	1786564	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/15/21 9:46 am	1/15/21 9:46 am

VEHICLE	CONTAINER
CERTD10	

REFERENCE: 1042799

BILL OF LADING

SCALE IN GROSS WEIGHT 68,520 NET TONS 19.74 INBOUND
TARE OUT TARE WEIGHT 29,040 NET WEIGHT 39,480 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
19.74	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042800

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1786570

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address **CMS Landfill 5105 Morehead Rd Concord, NC 28027**	14. US EPA ID Number **704-262-6371**	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	01	DT		T
b.				2207	
c.				44140	

21. Additional Descriptions for Materials Listed Above

4/23

22. Special Handling Instructions and Additional Information

~~[illegible]~~

Bill to Cert 333662

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	Signature	Month	Day	Year
Danny Wooten	[signature]	1	15	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Josh White	Joshua White	1	15	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
Amy	Amy	1	15	21

ORIGINAL - RETURN TO GENERATOR

REV 04/19

COM000033

RS-F15

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	1786570	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/15/21 10:00 am	1/15/21 10:00 am

VEHICLE	CONTAINER
CERTD11	

REFERENCE: 1042800

BILL OF LADING:

SCALE IN GROSS WEIGHT 73,240 NET TONS 22.07 INBOUND
TARE OUT TARE WEIGHT 29,100 NET WEIGHT 44,140 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
22.07	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042801

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			1 of 1

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	01	DT		T
b. TRK D9				21	46
c.				42	920

21. Additional Descriptions for Materials Listed Above
424

22. Special Handling Instructions and Additional Information
[redacted]
Bill to Cust 333662

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	Signature	Month	Day	Year
[illegible]	[signature]	1	15	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Phillip Smith	[signature]	1	15	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
AMY	AMY	1	15	21

ORIGINAL - RETURN TO GENERATOR

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	1786576	

WEIGHMASTER: Aly G.

DATE/TIME IN	DATE/TIME OUT
1/15/21 10:13 am	1/15/21 10:13 am

VEHICLE	CONTAINER
certd9	

REFERENCE: 1042801

BILL OF LADING:

SCALE IN GROSS WEIGHT 71,280 NET TONS 21.46
TARE OUT TARE WEIGHT 28,360 NET WEIGHT 42,920

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
21.46	tn	SW-CONT SOIL-ALT DAILY Origin:MECKLENBURG 100% COVER				

HARD HATS AND SAFETY VEST ARE REQUIRED WHEN EXITING YOUR VEHICLE

WHILE IN THE LANDFILL. IF YOU DO NOT HAVE THESE ITEMS YOU MAY BORROW

A SET FROM THE SCALE HOUSE. THANK YOU.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042802

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			1

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC **PO BOX 87** **Paw Creek, NC 28213** 4. Phone ( )	**Colonial Pipeline Company** **14108 Huntersville-Concord Rd.** **Paw Creek, NC 28078** 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	01	DT		T
b.				18	59
c.				37	180

21. Additional Descriptions for Materials Listed Above

425

22. Special Handling Instructions and Additional Information

~~[illegible]~~
Bill to CeA 333662

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	Signature	Month	Day	Year
[illegible]	[signature]			

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Ruby Dyson	Ruby Dyson			

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
Kay	Kay	11	15	21

ORIGINAL - RETURN TO GENERATOR

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	1786606	

WEIGHMASTER: Keyona C.

DATE/TIME IN	DATE/TIME OUT
1/15/21 11:09 am	1/15/21 11:09 am

VEHICLE: CERTD10
CONTAINER:
REFERENCE: 1042802
BILL OF LADING:

SCALE IN GROSS WEIGHT 66,220 NET TONS 18.59
TARE OUT TARE WEIGHT 29,040 NET WEIGHT 37,180

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
18.59	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042803

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1 of 1

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 14105 Huntersville-Concord Rd. Paw Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil 5010-20-12078	9/17/2021	01	DT		T
b.				2274	
c.				45520	

21. Additional Descriptions for Materials Listed Above

426

22. Special Handling Instructions and Additional Information

Bill to Cust 333662

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	Signature	Month	Day	Year
Jason Wooten		1	15	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Josh White	Joshua White	1	15	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
Kay	Kay	1	15	21

ORIGINAL - RETURN TO GENERATOR

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	1786617	

WEIGHMASTER: ~~Keyona C.~~

DATE/TIME IN	DATE/TIME OUT
~~1/15/21 11:33 am~~	~~1/15/21 11:33 am~~

VEHICLE: CERTD11

CONTAINER:

REFERENCE: 1042803

BILL OF LADING:

SCALE IN GROSS WEIGHT 74,620 NET TONS 22.76 INBOUND
TARE OUT TARE WEIGHT 29,100 NET WEIGHT 45,520 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
22.76	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042804

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			NB146628

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 87
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	**704-262-6371**	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. **contaminated soil**	**5010-20-12078 9/17/2021**	01	DT		T
b. TRK D9				1960	
c.				39200	

21. Additional Descriptions for Materials Listed Above
427

22. Special Handling Instructions and Additional Information
~~[illegible]~~
Bill to Cust 333662

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	Signature	Month	Day	Year
Tony Wooten		1	15	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Phillip Sale		1	15	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
Kay	Kay	1	15	21

ORIGINAL - RETURN TO GENERATOR

COM000033
RS-F15

REV 04/19

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	1786628	

WEIGHMASTER Keyona C.

DATE/TIME IN	DATE/TIME OUT
1/15/21 11:46 am	1/15/21 11:46 ar

VEHICLE	CONTAINER
CERTD10	

REFERENCE 1042804

BILL OF LADING

SCALE IN GROSS WEIGHT 68,240 NET TONS 19.60 INBOUND
TARE OUT TARE WEIGHT 29,040 NET WEIGHT 39,200 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
19.60	tn	SW-CONT SOIL-ALT DAILY COVER Origin:MECKLENBURG 100%				

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.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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 _____

SITE

BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28

CUSTOMER

100170 3331662
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
Y6	1787938	

WEIGHMASTER Aly G.

DATE/TIME IN	DATE/TIME OUT
1/22/21 9:53 am	1/22/21 10:15 am

VEHICLE	CONTAINER
stat96	stat2511

REFERENCE 1042805

BILL OF LADING

SCALE IN GROSS WEIGHT 61,740 NET TONS 12.12
SCALE OUT TARE WEIGHT 37,500 NET WEIGHT 24,240

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
12.12	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.

NET AMOUNT

TENDERED

CHANGE

CHECK#

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 _____

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042818

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			1788002

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 67 Paw Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 14105 Huntersville-Concord Rd. Paw Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
STAT NC		828-302-7411
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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	3010-20-12078 9/17/2021	1	DT	20	T
b.				25	20
c.				50	400

21. Additional Descriptions for Materials Listed Above

TRK 162
TK 1004

22. Special Handling Instructions and Additional Information

BIL: STAT 100176

333662

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	Signature	Month	Day	Year
[illegible]	[signature]			

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
R. Shuler Trucking	[signature]	1	22	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
Any	Any	1	22	21

GENERATOR'S COPY

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042819

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			1 T88003

GENERATOR

3. Generator's Name and Mailing Address
CPC
PO BOX 67
Paw Creek, NC 28213
4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078
6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
STAT Inc.	NCD980799142	828-396-2304
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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 - 9/17/2021	01	DT	EST 20T	
b.				3113	
c.				62240	

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information
BOL STAT 100170
333462

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	Signature	Month	Day	Year
Jamie Lollis		1	22	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Michael Dula		01	22	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
AM	AM	1	22	21

TRANSPORTER #1

REV 04/19

COM000033
RS-F15

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042805

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
		1787938

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 14105 Huntersville-Concord Rd. Paw Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12076 9/17/2021	01	DT		T
b.				12	12
c.				24	240

21. Additional Descriptions for Materials Listed Above

428

22. Special Handling Instructions and Additional Information

Roll off Box

Roll to Cust 332442

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	Signature	Month	Day	Year
		1	22	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Chris Rumma		1	22	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
Ally	Ally	1	22	21

TRANSPORTER #2

REV 04/19

COM000033
RS-F15

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042817

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
CFC
PO BOX 67
Paw Creek, NC 28213

4. Phone ( )

5. Generating Location (if different)
Colonial Pipeline Company
14108 Huntersville-Concord Rd.
Paw Creek, NC 28078

6. Phone ( )

1789182

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
Stat Inc		
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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil 5019-20-12078	9/17/2021		ED	est 74000	
b.				19660	
c.				39320	

21. Additional Descriptions for Materials Listed Above
440

22. Special Handling Instructions and Additional Information
PO: 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	Signature	Month	Day	Year
Jamie Lollis		1	22	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Cody Ward	Cody Ward	1	22	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
Amy	Amy	1	22	21

TRANSPORTER #2

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042821

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
		1 of 1789181

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 14103 Huntersville-Concord Rd. Paw Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil 5010-20-12078	8/17/2021	1	DT	25 7900	P
b. Missing top sheet				24	28
c.				49	SLD

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information
Bill: STAT-100170
333662
TRK 162
TRL 1004

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	Signature	Month	Day	Year
[illegible]	[signature]	1	29	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
A. Israel / Triplett	[signature]	1	29	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
Ally	Ally	1	29	21

GENERATOR'S COPY

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1042822

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	
			1 788001

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 14100 Huntersville-Concord Rd. Paw Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
STAT INC	NCD980799142	828-396-2304
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	14. US EPA ID Number	15. Facility's Phone
CMS Landfill 5105 Morehead Rd Concord, NC 28027	704-262-6371	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil 5010-20-12078	9/17/2021	01	DT	EST. 20 T	
b.				26	58
c.				105 31160	

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

RR: STAT-160176

333662

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	Signature	Month	Day	Year
Jamie Lollis		1	22	21

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
TODD LAIL		1	20	21

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

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	Signature	Month	Day	Year
AW	AW	1	22	21

TRANSPORTER #1

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1042824

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of	1789311

3. Generator's Name and Mailing Address	5. Generating Location (if different)
CPC PO BOX 87 Paw Creek, NC 28213 4. Phone ( )	Colonial Pipeline Company 14103 Huntersville-Concord Rd. Paw Creek, NC 28078 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address CMS Landfill 5105 Morehead Rd Concord, NC 28027	14. US EPA ID Number 704-262-6371	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. contaminated soil	5010-20-12078 9/17/2021	01	DT		T
b.				20	06
c.				40	120

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

~~RE: STAT-400170~~ 333642

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	Signature	Month	Day	Year
[illegible]	[signature]	1	27	21

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Ethan Cayton	[signature]	1	29	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 704-262-6371

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
A L J	[signature]	1	29	21

GENERATOR / TRANSPORTER / T/S/D FACILITY

REV 04/19

TRANSPORTER #2

COM000033

RS-F15

Table 6
Summary of Liquids Shipped to
Aaron Oil
(September 12, 2020 - January 30, 2021)

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

Date	Gallons	Bill of Lading No.	Previously Received
9/12/2020	5,191	154376	
9/17/2020	3,497	154379	
9/25/2020	4,911	154378	
9/30/2020	5,333	155096	
10/4/2020	2,450	154501	
10/5/2020	4,873	154502	
10/21/2020	5,200	147321	
10/29/2020	5,000	155094	
11/2/2020	5,363	154503	
11/3/2020	5,500	154387	
11/5/2021	5,300	155097	
11/5/2020	4,755	155166	
11/7/2020	5,000	155167	
11/9/2021	5,500	155098	
11/9/2020	5,000	155168	
11/11/2020	5,000	155169	
11/12/2021	5,000	155099	
11/14/2020	5,000	155171	
11/17/2020	5,224	155170	
11/19/2020	5,286	155173	
12/1/2020	5,500	154382	
12/23/2020	5,191	155174	
1/12/2021	2,500	155661	
1/19/2021	5,000	155665	
1/20/2021	5,000	155666	
1/20/2021	5,400	155667	
1/21/2021	5,000	155672	
1/25/2021	5,500	155172	
1/25/2021	5,254	155670	
1/26/2021	4,050	155671	
Total	146,778		

aaronoil™ A TRADEBE COMPANY

TRK #48

Material Manifest / Bill of Lading

NO. 154376

Section 1 SHIPPER / GENERATOR (Generator completes all of Section 1)

a. Company Name: Colonial pipeline Company

b. Generating Location: Huntersville

c. Address: 19108 Hucks-Concord Rd Huntersville, NC 28078

d. Address:

e. Phone No: 704-320-7777 Contact: John Collonetti

f. Shippers 24 Hour Emergency Ph# 1-704-320-7777

g. D.O.T. Description of Material: [RM] X UN 1993, Flammable liquids, N.O.S (Gasoline, Kerosene), PG III (See back for examples)

h. Quantity 5191.06 Units: Gallons Type: TT

Section:	1	2	3	4
i. AOC Description of Material:			F	

See back for definitions (enter correct letter)

j. Generator / Shipper U.S. EPA #________ (if applicable)

k. ☐ Unused petroleum contaminated water / solids destined for recovery (IF CHECKED FILL OUT SECTION 2)

Containers:

Type
MD - Metal Drum
T - Truck
O - Other
RC - Rail Car

Units
Y3 - Cubic Yards
G - Gallons
B - Barrels
O - Other

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 [signature] Generator Authorized Agent Name — [signature] Signature — 9-12-2020 Date

Section 2 PCW Section (Generator complete a-c, only if box j. was checked in section 1)

PCW Sources

a. Tank number(s) / Tank service (gasoline, diesel, etc.)

No.________ Service________

No.________ Service________

No.________ Service________

b. Estimate % solids 8%

c. 100% Pumpable Upon Delivery yes ☑ no ☐

Other Source Information from 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 unloaded fuel source.

Adam Hord — Generator Authorized Agent Name — Signature — Date

Section 3 TRANSPORTER (Generator complete a-c, Transporter I d-e, Transporter II f-j)

TRANSPORTER I

a. Name: STAT

b. Address: 2550 Hilbury Blvd. Lenoir, NC 28645

c. Phone No: 828-496-5565 d. U.S. EPA # NCD980799143

Acknowledgement of Receipt of Materials

e. X Mike Angel [Driver Signature] 9-12-2020 [Date]

TRANSPORTER II

f. Name:

g. Address:

h. Phone No: ________ i. U.S. EPA # ________

Acknowledgement of Receipt of Materials

j. ________ Driver Signature ________ Date

Section 4 DESTINATION (Generator completes)

a. Site Name: Aaron oil

b. Physical Address: 713 Bill Myers Dr Saraland Al 36652

c. Phone No.: 800-239-4549 U.S. EPA # ALD983180233

Section 5 BILLING INFO (if different from section 1)

a. Name:

b. Mailing Address:

c. Phone No.: ________ Contact ________

d. Discrepancy Indication Space: AOC Desc & DOT Desc does Not go together

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 Mikael Evans [Name of Authorized Agent] — [signature] Signature — 9-22-20 Date

Form #48 Copyright 1997

White - Destination Retain Green - Return to Operator Canary - Return to Generator Pink - Transporter Retain Gold - Generator Retain Blue - Invoice Copy

aaronoil™ A TRADEBE COMPANY TEL# 42

Material Manifest / Bill of Lading

NO. 154379

Section 1 SHIPPER / GENERATOR (Generator completes all of Section 1)

a. Company Name: Colonial Pipeline
b. Generating Location: Huntersville
c. Address: PO Box 87 Paw Creek NC 28130
d. Address: 14108 Huntersville Concord Rd Huntersville NC 28078
e. Phone No: 704 320 7777 Contact:
f. Shippers 24 Hour Emergency Ph#: 704 320 7777
g. D.O.T. Description of Material: [X] UN 1993 Flammable Liquids (gasoline + gas mix, water) PG III (See back for examples)
h. Quantity: 3497 Units: G Type: T

i. AOC Description of Material:

Section:	1	2	3	4
			F	

See back for definitions (enter correct letter)

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 #: NCD057038168 (if applicable)

k. [X] 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 Adam Harris — [signature] — 9/17/20
Generator Authorized Agent Name — Signature — Date

Section 2 PCW Section (Generator complete a-c, only if box j. was checked in section 1)

PCW Sources
a. Tank number(s) / Tank service (gasoline, diesel, etc.)
No. ______ Service ______
No. ______ Service ______
No. ______ Service ______
b. Estimate % solids: 15
c. 100% Pumpable Upon Delivery: yes [X] no [ ]
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.

Adam Harris — [signature] — 9/17/20
Generator Authorized Agent Name — Signature — Date

Section 3 TRANSPORTER (Generator complete a-c, Transporter I d-e, Transporter II f-j)

TRANSPORTER I	TRANSPORTER II
a. Name: STAT Inc	f. Name:
b. Address: 2550 Hickory Blvd Lenoir NC 28645	g. Address:
c. Phone No: 828 396 2304 d. U.S. EPA #: NCD987991432	h. Phone No: i. U.S. EPA #
Acknowledgement of Receipt of Materials	Acknowledgement of Receipt of Materials
e. X Dean Duncanski 9/17/20 (Driver Signature, Date)	j. Driver Signature, Date

Section 4 DESTINATION (Generator completes)
a. Site Name: Aaron Oil
b. Physical Address: 713 Bill Myers Dr Saraland AL 36652
c. Phone No.: 800 533 4519 U.S. EPA #: ALD983180233
d. Discrepancy Indication Space: AOC Desc & DOT Desc do not go together

Section 5 BILLING INFO (If different from section 1)
a. Name:
b. Mailing Address:
c. Phone No.: Contact:

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 [signature] — [signature] — 9-24-20
Name of Authorized Agent — Signature — Date

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White - Destination Retain Green - Return to Operator Canary - Return to Generator Pink - Transporter Retain Gold - Generator Retain Blue - Invoice Copy

aaronoil™
A TRADEBE COMPANY

Tel # 45

Material Manifest / Bill of Lading
NO. 154378

Section 1 SHIPPER / GENERATOR (Generator completes all of Section 1)

a. Company Name: Colonial Pipeline
b. Generating Location: Huntersville
c. Address: PO Box 87 Paw Creek NC 28130
d. Address: 14108 Huntersville-Concord Rd Huntersville NC 28078
e. Phone No: 704 320 7777 Contact:
f. Shippers 24 Hour Emergency Ph# 704 320-7777
g. D.O.T. Description of Material: HM X UN 1993 Flammable Liquids (gasoline, hydrosmix, water) PG III (See Back for Examples)
h. Quantity 4,911 Units: G Type: TT
Containers:

Type
MD - Metal Drum
T - Truck
O - Other
RC - Rail Car
Units
Y3 - Cubic Yards
G - Gallons
B - Barrels
O - Other

i. AOC Description of Material: Section: 1 | 2 | 3 F | 4 (See back for definitions (enter correct letter))
j. Generator / Shipper U.S. EPA # NCD057038163 (if applicable)
k. [X] 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 Adam Harris — Generator Authorized Agent Name / Signature — 9/25/20 Date

Section 2 PCW Section (Generator complete a-c, only if box j. was checked in section 1)

PCW Sources
a. Tank number(s) / Tank service (gasoline, diesel, etc.)
No. ____ Service ____
No. ____ Service ____
No. ____ Service ____
b. Estimate % solids ____
c. 100% Pumpable Upon Delivery yes ☐ no ☐
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.

Adam Harris — Generator Authorized Agent Name / Signature — 9/25/20 Date

Section 3 TRANSPORTER (Generator complete a-c, Transporter I d-e. Transporter II f-j)

TRANSPORTER I
a. Name: STAT Tire
b. Address: 2550 Hickory Blvd Lenoir NC 28645
c. Phone No: 828-394-2304 d. U.S. EPA # NC0980799142
Acknowledgement of Receipt of Materials
e. DEAN Driver Signature — 9/25/20 Date

TRANSPORTER II
f. Name:
g. Address:
h. Phone No: i. U.S. EPA #
Acknowledgement of Receipt of Materials
j. Driver Signature — Date

Section 4 DESTINATION (Generator completes)
a. Site Name: Aaron Oil
b. Physical Address: 713 Bill Myers Dr Savannah TN 38672
c. Phone No.: 8002394549 U.S. EPA # TND983180933
d. Discrepancy Indication Space:

Section 5 BILLING INFO (if different from section 1)
a. Name:
b. Mailing Address:
c. Phone No.: Contact

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 Mikey Evans — Name of Authorized Agent / Signature — 9-29-20 Date

Form #48

White - Destination Retain Green - Return to Operator Canary - Return to Generator Pink - Transporter Retain Gold - Generator Retain Blue - Invoice Copy

aaronoil
A TRADEBE COMPANY

Material Manifest / Bill of Lading
NO. 155096

Section 1 SHIPPER / GENERATOR (Generator completes all of Section 1)

a. Company Name: Colonial Pipeline
b. Generating Location: Huntersville
c. Address: P.O Box 87 Pam Creek NC 28130
d. Address: 14108 Huntersville Concord Rd Huntersville, NC
e. Phone No: 704-320-7777 Contact:
f. Shippers 24 Hour Emergency Ph#: 704-320-7777
g. D.O.T. Description of Material: RM [X] UN1933 Flammable Liquids NOS (gas, trace mix, Water) PG III (See back for examples)
h. Quantity 5333 Units: G Type: TT

Containers:

Type
MD - Metal Drum
T - Truck
O - Other
RC - Rail Car
Units
Y3 - Cubic Yards
G - Gallons
B - Barrels
O - Other

Section:	1	2	3	4
i. AOC Description of Material:			F	

See back for definitions (enter correct letter)

j. Generator / Shipper U.S. EPA # NC0057038168 (if applicable)

k. [X] 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 Chad H Sparks — Signature — 9-30-20
Generator Authorized Agent Name — Signature — Date

Section 2 PCW Section (Generator complete a-c, only if box j. was checked in section 1)

PCW Sources

a. Tank number(s) / Tank service (gasoline, diesel, etc.)
No. _____ Service _____
No. _____ Service _____
No. _____ Service _____

b. Estimate % solids _____

c. 100% Pumpable Upon Delivery . yes [X] no [ ]

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.

Chad H. Sparks — Signature — 9-30-20
Generator Authorized Agent Name — Signature — Date

Section 3 TRANSPORTER (Generator complete a-c, Transporter I d-e. Transporter II f-j)

TRANSPORTER I

a. Name: STAT Inc.
b. Address: 2550 Hickory Blvd Lenoir, NC 28645
c. Phone No: 828-396-2304 d. U.S. EPA # NC0980799142
Acknowledgement of Receipt of Materials
e. X Richard Hagler — Driver Signature — Sept. 30, 2020 — Date

TRANSPORTER II

f. Name:
g. Address:
h. Phone No: _____ i. U.S. EPA # _____
Acknowledgement of Receipt of Materials
j. _____ Driver Signature — Date

Section 4 DESTINATION (Generator completes)

a. Site Name: AARON 01
b. Physical Address: 713 Bill Myers Dr. Savannah, Ala. 36652
c. Phone No. 800-239-4599 U.S. EPA # AL0983180233
d. Discrepancy Indication Space: AOC Desc + DOT Desc. do not go together

Section 5 BILLING INFO (if different from section 1)

a. Name:
b. Mailing Address:
c. Phone No.: _____ Contact _____

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 BILL BAKER — Signature — 10-1-20
Name of Authorized Agent — Signature — Date

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aaronoil
A TRADEBE COMPANY

Material Manifest / Bill of Lading

NO. 154501

Section 1 SHIPPER / GENERATOR (Generator completes all of Section 1)

a. Company Name: Colonial Pipeline
b. Generating Location: Huntersville
c. Address: PO Box 87
Penn Creek NC 28130
d. Address: 14108 Huntersville Concord Rd
Huntersville NC 28078
e. Phone No: 704 320 7777 Contact:
f. Shippers 24 Hour Emergency Ph# 704 320 7777
g. D.O.T. Description of Material: HM X UN1993 Flammable Liquid, N.O.S. (gasoline, transmix, water) PG III
See back for examples
h. Quantity 2450 Units: G Type: TT

Containers:
Type
MD - Metal Drum
T - Truck
O - Other
RC - Rail Car
Units
Y3 - Cubic Yards
G - Gallons
B - Barrels
O - Other

Section:	1	2	3	4
i. AOC Description of Material:			F	

See back for definitions (enter correct letter)

j. Generator / Shipper U.S. EPA # NCD057033168 (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 Adam Harris — Generator Authorized Agent Name
Signature
10-9-2020 — Date

Section 2 PCW Section (Generator complete a-c, only if box j. was checked in section 1)

PCW Sources

a. Tank number(s) / Tank service (gasoline, diesel, etc.)
No. ____ Service ____
No. ____ Service ____
No. ____ Service ____

b. Estimate % solids ____

c. 100% Pumpable Upon Delivery yes ☒ no ☐

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.

Adam Harris — Generator Authorized Agent Name
Signature
10-4-2020 — Date

Section 3 TRANSPORTER (Generator complete a-c, Transporter I d-e. Transporter II f-j)

TRANSPORTER I

a. Name: Stat Inc
b. Address: 2550 Hickory Blvd
Lenoir NC 28645
c. Phone No: 828.396.2304 d. U.S. EPA # NCD980799142

Acknowledgement of Receipt of Materials
e. Mike Gx — Driver Signature
10/6/20 — Date

TRANSPORTER II

f. Name: ____
g. Address: ____
h. Phone No: ____ i. U.S. EPA # ____

Acknowledgement of Receipt of Materials
j. ____ Driver Signature ____ Date

Section 4 DESTINATION (Generator completes)

a. Site Name: Aaron Oil
b. Physical Address: 713 Bill Myers Dr
Savannah FL 31406
c. Phone No.: 800.237.4549 U.S. EPA # FLD983180233
d. Discrepancy Indication Space: AOC Desc does not go w/ DOT Desc

Section 5 BILLING INFO (if different from section 1)

a. Name: ____
b. Mailing Address: ____
c. Phone No.: ____ Contact ____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

X Mikey Evans — Name of Authorized Agent
Signature
10-5-20 — Date

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Material Manifest / Bill of Lading

NO. 154502

A TRADEBE COMPANY

Section 1 SHIPPER / GENERATOR (Generator completes all of Section 1)

a. Company Name: Colonial Pipeline
b. Generating Location: Huntersville
c. Address: PO Box 87
Pew Creek NC 28130
d. Address: 14108 Huntersville Concord Rd
Huntersville NC 28078
e. Phone No: 704 320 7777 Contact:
f. Shippers 24 Hour Emergency Ph# 704 320 7777
g. D.O.T. Description of Material: HM X UN1993 Flammable Liquids NOS (gasoline, transmix, water) See back for examples PGII
h. Quantity 4873 Units: E Type: T

Containers:

Type
MD - Metal Drum
T - Truck
O - Other
RC - Rail Car
Units
Y3 - Cubic Yards
G - Gallons
B - Barrels
O - Other

Section:	1	2	3	4
i. AOC Description of Material:			F	

See back for definitions (enter correct letter)

j. Generator / Shipper U.S. EPA # NC0057038108 (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 Adam Harris — Signature — 10-5-2020
Generator Authorized Agent Name / Signature / Date

Section 2 PCW Section (Generator complete a-c, only if box j. was checked in section 1)

PCW Sources

a. Tank number(s) / Tank service (gasoline, diesel, etc.)
No. ____ Service ____
No. ____ Service ____
No. ____ Service ____

b. Estimate % solids ____

c. 100% Pumpable Upon Delivery yes ☒ no ☐

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.

Adam Harris — Signature — 10-5-2020
Generator Authorized Agent Name / Signature / Date

Section 3 TRANSPORTER (Generator complete a-c, Transporter I d-e. Transporter II f-j)

TRANSPORTER I

a. Name: Stat Inc
b. Address: 2850 Hickory Blvd
Lenoir NC 28645
c. Phone No: 828.310.2304 d. U.S. EPA # NC0980799142
Acknowledgement of Receipt of Materials
e. X Richard Hoyle 10/5/2020
Driver Signature / Date

TRANSPORTER II

f. Name:
g. Address:
h. Phone No: i. U.S. EPA #
Acknowledgement of Receipt of Materials
j.
Driver Signature / Date

Section 4 DESTINATION (Generator completes)

a. Site Name: Aaron Oil
b. Physical Address: 713 Bill Myers Dr
Saraland AL 36571
c. Phone No.: 800.239.4547 U.S. EPA # ALD983180237
d. Discrepancy Indication Space: AOC Desc does not agree w/ DOT Desc.

Section 5 BILLING INFO (if different from section 1)

a. Name:
b. Mailing Address:
c. Phone No.: Contact

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 Mikey Evans — Signature — 10/6/20
Name of Authorized Agent / Signature / Date

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White - Destination Retain Green - Return to Operator Canary - Return to Generator Pink - Transporter Retain Gold - Generator Retain Blue - Invoice Copy

aaronoil
A TRADEBE COMPANY

Material Manifest / Bill of Lading
NO. 147321

Section 1 — **SHIPPER / GENERATOR** (Generator completes all of Section 1)

a. Company Name: STAT INC
b. Generating Location: STAT INC
c. Address: 2550 Hickory Blvd. Lenoir, NC 28645
d. Address: 2550 Hickory Blvd. Lenoir, NC 28645
e. Phone No: 828-396-2304 Contact: Chad Sparks
f. Shippers 24 Hour Emergency Ph# 800-627-1851
g. D.O.T. Description of Material: HM ☐ NA 1993 Combustible liquid Diesel 3 PG III Tank Bottom (See back for examples)
h. Quantity 5,200 Units: gallons Type: TRK

Containers:
Type
MD - Metal Drum
T - Truck
O - Other
RC - Rail Car
Units
Y3 - Cubic Yards
G - Gallons
B - Barrels
O - Other

i. AOC Description of Material:

Section:	1	2	3	4
	1	9	9	3

See back for definitions (enter correct letter)

j. Generator / Shipper U.S. EPA # NCD 980799142 (if applicable)

k. ☐ Unused petroleum contaminated water / solids destined for recovery (IF CHECKED FILL OUT SECTION 2)

SHIPPER / GENERATOR'S CERTIFICATION: This is to certify that the above named material is properly classified, described, packaged, marked, and labeled, and is in proper condition for transportation according to the applicable regulations of the Department of Transportation. I further certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 and 279 or any applicable federal, state, and local laws. Also, if the material being shipped is used oil, generator certifies that the used oil does not contain any detectable levels of P.C.B.'s This transaction is subject to our terms and conditions attached. Generator / Shipper further certifies that the AOC description code on this manifest is accurately described based on "Accepted Materials" on back of this manifest.

X
Generator Authorized Agent Name — Signature — Date

Section 2 — **PCW Section** (Generator complete a-c, only if box j. was checked in section 1)

PCW Sources
a. Tank number(s) / Tank service (gasoline, diesel, etc.)
No. 1 Service Diesel
No. ____ Service ____
No. ____ Service ____
b. Estimate % solids ____
c. 100% Pumpable Upon Delivery yes ☐ no ☐

Other Source Information ____

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.

Rodney Raby — Rodney Raby — 21 Oct. 20
Generator Authorized Agent Name — Signature — Date

Section 3 — **TRANSPORTER** (Generator complete a-c, Transporter I d-e. Transporter II f-j)

TRANSPORTER I
a. Name: STAT INC
b. Address: 2550 Hickory Blvd Lenoir, NC 28645
c. Phone No: 828-396-2304 d. U.S. EPA # NCD 980799142
Acknowledgement of Receipt of Materials
e. X [signature] 10/21/2020
Driver Signature — Date

TRANSPORTER II
f. Name: ____
g. Address: ____
h. Phone No: ____ i. U.S. EPA # ____
Acknowledgement of Receipt of Materials
j. ____
Driver Signature — Date

Section 4 — **DESTINATION** (Generator completes)
a. Site Name: Aaron Oil
b. Physical Address: 713 Bill Myles Dr. Saraland, Ala. ALD983180733
c. Phone No. 8002394549 U.S. EPA # NCD 980799142

Section 5 — **BILLING INFO** (if different from section 1)
a. Name: ____
b. Mailing Address: ____
c. Phone No.: ____ Contact ____

d. Discrepancy Indication Space: HM Box should be marked; AOC Desc could be listed differently.

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 Jason Griggs — [signature] — 10-22-20
Name of Authorized Agent — Signature — Date

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White - Destination Retain Green - Return to Operator Canary - Return to Generator Pink - Transporter Retain Gold - Generator Retain Blue - Invoice Copy

aaronoil™
A TRADEBE COMPANY

Material Manifest / Bill of Lading
NO. 155094

Section 1 SHIPPER / GENERATOR (Generator completes all of Section 1)

a. Company Name: S.I.A.T. INC
b. Generating Location: S.I.A.T. INC.
c. Address: 2550 Hickory BLVD Lenoir NC 28645
d. Address: 2550 Hickory BLVD Lenoir NC 28645
e. Phone No: 8283962304 Contact: Chad Sparks
f. Shippers 24 Hour Emergency Ph#: 1800 627 1451
g. D.O.T. Description of Material: HM UN 1993 PCW with Gasoline (See back for examples)
h. Quantity: 5000 Units: _____ Type: _____
i. AOC Description of Material: Section: 1 2 3 4 — 1 7 7 3 (See back for definitions, enter correct letter)
j. Generator / Shipper U.S. EPA #: NCD 980749142 (if applicable)
k. ☒ Unused petroleum contaminated water / solids destined for recovery (IF CHECKED FILL OUT SECTION 2)

Containers: Type — MD - Metal Drum; T - Truck; O - Other; RC - Rail Car. Units — Y3 - Cubic Yards; G - Gallons; B - Barrels; O - Other

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 Chad Sparks — Chad Sparks — Oct 29 2020
Generator Authorized Agent Name — Signature — Date

Section 2 PCW Section (Generator complete a-c, only if box j. was checked in section 1)

PCW Sources

a. Tank number(s) / Tank service (gasoline, diesel, etc.)
No. 11 Service Gas
No. _____ Service _____
No. _____ Service _____

b. Estimate % solids _____

c. 100% Pumpable Upon Delivery yes ☐ no ☐

Other Source Information _____

**The term (PCW) means waters containing unused virgin petroleum products and includes tank draw waters, tank cleaning waters / sludge, tank bottoms, etc.*

Certification

I hereby certify with each shipment of PCW that the PCW does not contain levels of toxics above those found in sources of the PCW and that the PCW originates from an unleaded fuel source.

Generator Authorized Agent Name — Signature — Date

Section 3 TRANSPORTER (Generator complete a-c, Transporter I d-e. Transporter II f-j)

TRANSPORTER I

a. Name: STAT INC
b. Address: 2550 Hickory BLVD Lenoir NC
c. Phone No: 8283962304 d. U.S. EPA #: NCD 980749142
Acknowledgement of Receipt of Materials
e. X Richard Hoyle — Oct 29 2020
Driver Signature — Date

TRANSPORTER II

f. Name: _____
g. Address: _____
h. Phone No: _____ i. U.S. EPA # _____
Acknowledgement of Receipt of Materials
j. _____
Driver Signature — Date

Section 4 DESTINATION (Generator completes)

a. Site Name: Aaron Oil
b. Physical Address: 213 Bill Myles Dr Sarasota FL
c. Phone No: 254-979-[illegible] U.S. EPA # FLD983180233
d. Discrepancy Indication Space: AOC Desc could be listed differently

Section 5 BILLING INFO (If different from section 1)

a. Name: _____
b. Mailing Address: _____
c. Phone No.: _____ Contact _____

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 Mikey Evans — 10/30/20
Name of Authorized Agent — Signature — Date

Form #48

White - Destination Retain Green - Return to Operator Canary - Return to Generator Pink - Transporter Retain Gold - Generator Retain Blue - Invoice Copy

aaronoil™
A TRADEBE COMPANY

Material Manifest / Bill of Lading
NO. 154503

Section 1 — SHIPPER / GENERATOR (Generator completes all of Section 1)

a. Company Name: Colonial Pipeline
b. Generating Location: Colonial Pipeline
c. Address: PO Box 87
Pawn Creek NC. 28138
d. Address: 14108 Huntersville Concord Rd
Huntersville N.C. 28070
e. Phone No: 704-370-777 Contact:
f. Shippers 24 Hour Emergency Ph#:
g. D.O.T. Description of Material: HM X UN1993 Flammable liquid NOS (gas + water mix) PG III
See back for examples
h. Quantity 5,363 Units: G Type: T

Containers:

Type
MD - Metal Drum
T - Truck
O - Other
RC - Rail Car
Units
Y3 - Cubic Yards
G - Gallons
B - Barrels
O - Other

Section:	1	2	3	4
i. AOC Description of Material:			E	

See back for definitions (enter correct letter)

j. Generator / Shipper U.S. EPA # NCD057038168 (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 Rodney Raley — Rodney Raley — 02 Nov 20
Generator Authorized Agent Name / Signature / Date

Section 2 — PCW Section (Generator complete a-c. only if box j. was checked in section 1)

PCW Sources

a. Tank number(s) / Tank service (gasoline, diesel, etc.)
No. ____ Service ____
No. ____ Service ____
No. ____ Service ____

b. Estimate % solids ____

c. 100% Pumpable Upon Delivery ☐ yes ☐ no

Other Source Information Tank Str.

**The term (PCW) means waters containing unused virgin petroleum products and includes tank draw waters, tank cleaning waters / sludge, tank bottoms, etc.*

Certification

I hereby certify with each shipment of PCW that the PCW does not contain levels of toxics above those found in sources of the PCW and that the PCW originates from an unleaded fuel source.

Generator Authorized Agent Name / Signature / Date

Section 3 — TRANSPORTER (Generator complete a-c. Transporter I d-e. Transporter II f-j)

TRANSPORTER I

a. Name: STAT, INC.
b. Address: 1990 Hickory Blvd
Lenoir NC 28645
c. Phone No: 828-396-2304 d. U.S. EPA # NCD982079942

Acknowledgement of Receipt of Materials
e. X [signature] 11/3/20
Driver Signature / Date

TRANSPORTER II

f. Name:
g. Address:
h. Phone No: i. U.S. EPA #

Acknowledgement of Receipt of Materials
j. Driver Signature / Date

Section 4 — DESTINATION (Generator completes)

a. Site Name: [redacted] Farm 611
b. Physical Address: 713 Bill Myers Dr.
Saraland AL 36571
c. Phone No.: 800-239-4547 U.S. EPA # AL0983180233
d. Discrepancy Indication Space: AOC description could have been listed differently

Section 5 — BILLING INFO (if different from section 1)

a. Name:
b. Mailing Address:
c. Phone No.: Contact:

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 [signature] — [signature] — 11-3-20
Name of Authorized Agent / Signature / Date

Form #48
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White - Destination Retain Green - Return to Operator Canary - Return to Generator Pink - Transporter Retain Gold - Generator Retain Blue - Invoice Copy

aaronoil™
A TRADEBE COMPANY

Material Manifest / Bill of Lading
NO. 154387

Section 1 SHIPPER / GENERATOR (Generator completes all of Section 1)

a. Company Name: STAT INC
b. Generating Location: STAT INC
c. Address: 2550 Hickory BLVD Lenoir NC 28645
d. Address: 2550 Hickory BLVD Lenoir NC 28645
e. Phone No: 828 396 2304 Contact: Chad Sparks
f. Shippers 24 Hour Emergency Phone: 1 800 627 1451
g. D.O.T. Description of Material: HM PCW UN1993 Flammable Liquid gasoline (See back for examples)
h. Quantity: 5500 Units: G Type:

Containers: Type — MD - Metal Drum; ~~T~~ - Truck; O - Other; RC - Rail Car
Units — Y3 - Cubic Yards; G - Gallons; B - Barrels; O - Other

i. AOC Description of Material: Section: 1 | 9 | 9 | 3 (See back for definitions (only 2 digits/letter))
j. Generator / Shipper U.S. EPA #: NCD 980 299 142 (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 Chads Sparks — Chad Sparks — Nov 3 2020
Generator Authorized Agent Name — Signature — Date

Section 2 PCW Section (Generator complete a-c, only if box j. was checked in section 1)

PCW Sources

a. Tank number(s) / Tank service (gasoline, diesel, etc.)
No. 112 Service gasoline
No. ____ Service ____
No. ____ Service ____

b. Estimate % solids ____

c. 100% Pumpable Upon Delivery yes ☐ no ☐

Other Source Information ____

**The term (PCW) means waters containing unused virgin petroleum products and includes tank draw waters, tank cleaning waters / sludge, tank bottoms, etc.*

Certification

I hereby certify with each shipment of PCW that the PCW does not contain levels of toxics above those found in sources of the PCW and that the PCW originates from an unleaded fuel source.

Generator Authorized Agent Name — Signature — Date

Section 3 TRANSPORTER (Generator complete a-c, Transporter I d-e, Transporter II f-j)

TRANSPORTER I

a. Name: STAT INC
b. Address: 2550 Hickory BLVD Lenoir NC 28645
c. Phone No: 828 396 2304 d. U.S. EPA #: NCD 980 799 142

Acknowledgement of Receipt of Materials
e. X Rudd Hamb — Driver Signature — Nov 3 2020 — Date

TRANSPORTER II

f. Name: ____
g. Address: ____
h. Phone No: ____ i. U.S. EPA # ____

Acknowledgement of Receipt of Materials
j. ____ Driver Signature — Date

Section 4 DESTINATION (Generator completes)

a. Site Name: Aaron Oil Co
b. Physical Address: 713 Bill Myles Dr Sora Lanc AL 36571
c. Phone No.: ____ U.S. EPA # ____
d. Discrepancy Indication Space: AOC Desc could have been listed differently

Section 5 BILLING INFO (If different from section 1)

a. Name: ____
b. Mailing Address: ____
c. Phone No.: ____ Contact ____

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 Mikey Evans — Name of Authorized Agent — Signature — 11/4/20 — Date

Form #48

White - Destination Retain Green - Return to Operator Canary - Return to Generator Pink - Transporter Retain Gold - Transporter

aaronoil™
A TRADEBE COMPANY

Material Manifest / Bill of Lading
NO. 155097

Section 1 SHIPPER / GENERATOR (Generator completes all of Section 1)

a. Company Name: Colonial Pipeline Co.
b. Generating Location: CPL
c. Address: P.O. Box 87
Pan Creek NC 28138
d. Address: 7524 Kingtool Co.
Charlotte, NC 28214
e. Phone No: 704 320-7777 Contact: Chad Sparks
f. Shippers 24 Hour Emergency No: 1800-627-1451
g. D.O.T. Description of Material: [HM] X UN1993 Flammable Liquid NOS (gas/water mix) PG III
See back for examples
h. Quantity 5300 Units: G Type: II

Containers:

Type
MD - Metal Drum
T - Truck
O - Other
RC - Rail Car
Units
Y3 - Cubic Yards
G - Gallons
B - Barrels
O - Other

Section:	1	2	3	4
i. AOC Description of Material:			F	

See back for definitions (enter correct letter)

j. Generator / Shipper U.S. EPA # NC0057038168 (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.

Chad Sparks — Signature — 11/5/20
Generator/Authorized Agent Name — Signature — Date

Section 2 PCW Section (Generator complete a-c, only if box j. was checked in section 1)

PCW Sources

a. Tank number(s) / Tank service (gasoline, diesel, etc.)
No. _____ Service _____
No. _____ Service _____
No. _____ Service _____

b. Estimate % solids _____

c. 100% Pumpable Upon Delivery — yes ☒ no ☐

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.

Chad Sparks — Signature — 11/5/20
Generator/Authorized Agent Name — Signature — Date

Section 3 TRANSPORTER (Generator complete a-c, Transporter I d-e. Transporter II f-j)

TRANSPORTER I

a. Name: STAT Inc.
b. Address: 2550 Hickory Blvd.
Lenoir, NC. 28645
c. Phone No: 828 396-2304 d. U.S. EPA # NCD980799142

Acknowledgement of Receipt of Materials
e. X Richard Hoyle Nov. 5, 2020
Driver Signature — Date

TRANSPORTER II

f. Name: _____
g. Address: _____
h. Phone No: _____ i. U.S. EPA # _____

Acknowledgement of Receipt of Materials
j. _____
Driver Signature — Date

Section 4 DESTINATION (Generator completes)

a. Site Name: Aaron Oil Co.
b. Physical Address: 713 Bill Myers Dr.
Saraland, Ala. 36571
c. Phone No. 800-239-4549 U.S. EPA # ALD983190233
d. Discrepancy Indication Space: AOC/Desc could have been listed differently

Section 5 BILLING INFO (if different from section 1)

a. Name: _____
b. Mailing Address: _____
c. Phone No.: _____ Contact _____

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. Mikey Evans — Signature — 11/6/20
Name of Authorized Agent — Signature — Date

Form #48

White - Destination Retain Green - Return to Operator Canary - Return to Generator Pink - Transporter Retain Gold - Generator Retain Blue - Invoice Copy

aaronoil
A TRADEBE COMPANY

(#2)

Material Manifest / Bill of Lading

NO.155166

Section 1 — **SHIPPER / GENERATOR** (Generator completes all of Section 1)

a. Company Name: Colonial Pipeline
b. Generating Location: CPL
c. Address: PO BOX 87 Pary Creek NC 28138
d. Address: 2524 Kingsteal Cir Charlotte NC 28214
e. Phone No: ______ Contact: ______
f. Shippers 24 Hour Emergency Ph#: ______

g. D.O.T. Description of Material: RM X UN1993 Flammable Liquid NOS (gas/water mix) PG III
See back for examples

h. Quantity 4755 Units: G Type: TT

Section:	1	2	3	4
i. AOC Description of Material:			E	

See back for definitions (enter correct letter)

j. Generator / Shipper U.S. EPA # NC 0057038168 (if applicable)

k. ☐ Unused petroleum contaminated water / solids destined for recovery (IF CHECKED FILL OUT SECTION 2)

Containers:
Type
MD - Metal Drum
T - Truck
O - Other
RC - Rail Car
Units
YS - Cubic Yards
G - Gallons
B - Barrels
O - Other

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 ADAM HARRIS / Danny Walker [signature] 11-5-2020
Generator Authorized Agent Name — Signature — Date

Section 2 — **PCW Section** (Generator complete a-c, only if box j. was checked in section 1)

PCW Sources
a. Tank number(s) / Tank service (gasoline, diesel, etc.)
No. ______ Service ______
No. ______ Service ______
No. ______ Service ______

b. Estimate % solids ______

c. 100% Pumpable Upon Delivery yes ☒ no ☐

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.

ADAM HARRIS / Danny Walker [signature] 11-5-2020
Generator Authorized Agent Name — Signature — Date

Section 3 — **TRANSPORTER** (Generator complete a-c, Transporter I d-e. Transporter II f-j)

TRANSPORTER I
a. Name: STAT INC
b. Address: 2550 HICKORY BLVD LENOIR NC 28645
c. Phone No: 8283962304 d. U.S. EPA # NCD980799142
Acknowledgement of Receipt of Materials
e. X [signature] 11-06-2020
Driver Signature — Date

TRANSPORTER II
f. Name: ______
g. Address: ______
h. Phone No: ______ i. U.S. EPA # ______
Acknowledgement of Receipt of Materials
Driver Signature ______ Date ______

Section 4 — **DESTINATION** (Generator completes)
a. Site Name: Aaron Oil
b. Physical Address: 713 BILL MYERS DR Saraland, AL 36652
c. Phone No.: 8002394546 U.S. EPA # ALD983180238

Section 5 — **BILLING INFO** (if different from section 1)
a. Name: ______
b. Mailing Address: ______
c. Phone No.: ______ Contact ______

d. Discrepancy Indication Space: AOC done could have been listed differently

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 Kevin Evans [signature] 11/6/20
Name of Authorized Agent — Signature — Date

Form #48

White - Destination Retain Green - Return to Operator Canary - Return to Generator Pink - Transporter Retain Gold - Generator Retain Blue - Invoice Copy

aaronoil™
A TRADEBE COMPANY

Material Manifest / Bill of Lading
NO.155167

Section 1 SHIPPER / GENERATOR (Generator completes all of Section 1)

a. Company Name: Colonial Pipeline
b. Generating Location:
c. Address: 7524 Kenstead Cir
Charlotte, NC 28208
d. Address:
e. Phone No: 704 320 7778 Contact:
f. Shippers 24 Hour Emergency Ph#
g. D.O.T. Description of Material: HM X UN1993 Flammable Liquid NOS (GAS+WATER MIX) PG III
See back for examples
h. Quantity 5,000 Units: G Type: TT

Containers:

Type
MD - Metal Drum
T - Truck
O - Other
RC - Rail Car
Units
Y3 - Cubic Yards
G - Gallons
B - Barrels
O - Other

Section:	1	2	3	4
i. AOC Description of Material:			F	

See back for definitions (enter correct letter)

j. Generator / Shipper U.S. EPA # NCD057038108 (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 Donna Wooten — 11-7-20
Generator Authorized Agent Name / Signature / Date

Section 2 PCW Section (Generator complete a-c, only if box j. was checked in section 1)

PCW Sources

a. Tank number(s) / Tank service (gasoline, diesel, etc.)
No. Service
No. Service
No. Service

b. Estimate % solids

c. 100% Pumpable Upon Delivery — yes ☒ no ☐

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.

Donna Wooten — 11-7-20
Generator Authorized Agent Name / Signature / Date

Section 3 TRANSPORTER (Generator complete a-c, Transporter I d-e, Transporter II f-i)

TRANSPORTER I

a. Name: STAT INC
b. Address: 2550 HICKORY BLVD
LENOIR NC 28645
c. Phone No: 8283962304 d. U.S. EPA # NCD980779142

Acknowledgement of Receipt of Materials
e. X Alan Wyatt — 11-07-20
Driver Signature / Date

TRANSPORTER II

f. Name:
g. Address:
h. Phone No: i. U.S. EPA #

Acknowledgement of Receipt of Materials
Driver Signature / Date

Section 4 DESTINATION (Generator completes)

a. Site Name: Aaron Oil
b. Physical Address: 713 BILL MYERS DR
Saraland, ALA 36652
c. Phone No.: 8002394574 U.S. EPA # ALD981818233
d. Discrepancy Indication Space: AOC Desc could be listed differently

Section 5 BILLING INFO (if different from section 1)

a. Name:
b. Mailing Address:
c. Phone No.: Contact

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 Mikey Evans — 11/9/20
Name of Authorized Agent / Signature / Date

Form #48

White - Destination Retain Green - Return to Operator Canary - Return to Generator Pink - Transporter Retain Gold - Generator Retain Blue - Invoice Copy

aaronoil™
A TRADEBE COMPANY

Material Manifest / Bill of Lading
NO. 155098

Section 1 SHIPPER / GENERATOR (Generator completes all of Section 1)

a. Company Name: Colonial Pipeline Co
b. Generating Location: CPL
c. Address: 7524 Kingstead Dr. Charlotte, NC. 28214
d. Address: 7524 Kingstead Dr. Charlotte, NC. 28214
e. Phone No: 704-320-7777 Contact: Chad Sparks
f. Shippers 24 Hour Emergency Phone: 1-800-627-1451
g. D.O.T. Description of Material: HM X UN1993 Flammable Liquid NOS (gas/water mix) PG III (See back for examples)
h. Quantity 5500 Units: G Type: II

Containers:

Type
MD - Metal Drum
T - Truck
O - Other
RC - Rail Car
Units
Y3 - Cubic Yards
G - Gallons
B - Barrels
O - Other

Section:	1	2	3	4
i. AOC Description of Material:			F	

See back for definitions (enter correct letter)

j. Generator / Shipper U.S. EPA # NCD 057038168 (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 Chad H. Sparks — Generator Authorized Agent Name
Signature
Nov. 9, 2020 — Date

Section 2 PCW Section (Generator complete a-c, only if box j. was checked in section 1)

PCW Sources

a. Tank number(s) / Tank service (gasoline, diesel, etc.)
No. _____ Service _____
No. _____ Service _____
No. _____ Service _____

b. Estimate % solids _____

c. 100% Pumpable Upon Delivery: yes ☐ no ☐

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.

Chad H. Sparks — Generator Authorized Agent Name
Signature
Nov. 9, 2020 — Date

Section 3 TRANSPORTER (Generator complete a-c, Transporter I d-e. Transporter II f-j)

TRANSPORTER I

a. Name: ETPT INC.
b. Address: 2550 Hickory Blvd. Lenoir, N.C 28645
c. Phone No: 800 627-1951 d. U.S. EPA # NCD 980799142

Acknowledgement of Receipt of Materials
e. X Richard Hayes — Driver Signature
Nov. 9, 2020 — Date

TRANSPORTER II

f. Name: _____
g. Address: _____
h. Phone No: _____ i. U.S. EPA # _____

Acknowledgement of Receipt of Materials
j. _____ Driver Signature
Date

Section 4 DESTINATION (Generator completes)

a. Site Name: Aaron Oil Co.
b. Physical Address: 713 R.11 Myers Dr. Saraland, Ala. 36652
c. Phone No.: 800-239-4549 U.S. EPA # ALD 983180238
d. Discrepancy Indication Space: AOC discription could be listed differently

Section 5 BILLING INFO (if different from section 1)

a. Name: _____
b. Mailing Address: _____
c. Phone No.: _____ Contact _____

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 Mikey Ems — Name of Authorized Agent
Signature
11/10/2020 — Date

Form #48

White - Destination Retain Green - Return to Operator Canary - Return to Generator Pink - Transporter Retain Gold - Generator Retain Blue - Invoice Copy

aaronoil
A TRADEBE COMPANY

Material Manifest / Bill of Lading
NO. 155168

Section 1 — **SHIPPER / GENERATOR** (Generator completes all of Section 1)

a. Company Name: Colonial Pipeline
b. Generating Location:
c. Address: 7524 Kenstead Cir, Charlotte, NC 28208
d. Address:
e. Phone No: 7043267773 Contact:
f. Shippers 24 Hour Emergency Ph#
g. D.O.T. Description of Material: HM X UN1993 Flammable Liquid NOS (gas+water mix) PG III (See back for examples)
h. Quantity 5000 Units: G Type: TT

Containers: Type — MD - Metal Drum; T - Truck; O - Other; RC - Rail Car; Units — YS - Cubic Yards; G - Gallons; B - Barrels; O - Other

Section: 1 2 3 4
i. AOC Description of Material:
See back for definitions (enter correct letter)
j. Generator / Shipper U.S. EPA #: NCD057038168 (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 Adam Harris — [signature] — 11-9-20
Generator Authorized Agent Name — Signature — Date

Section 2 — **PCW Section** (Generator complete a-c, only if box j. was checked in section 1)

PCW Sources
a. Tank number(s) / Tank service (gasoline, diesel, etc.)
No. ______ Service ______
No. ______ Service ______
No. ______ Service ______
b. Estimate % solids
c. 100% Pumpable Upon Delivery yes ☐ no ☐
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.

Adam Harris — [signature] — 11-9-20
Generator Authorized Agent Name — Signature — Date

Section 3 — **TRANSPORTER** (Generator complete a-c, Transporter I d-e. Transporter II f-j)

TRANSPORTER I	TRANSPORTER II
a. Name: STAT INC	f. Name:
b. Address: 2550 Hickory Blvd, Lenoir NC 28645	g. Address:
c. Phone No: 8283962304 d. U.S. EPA # NCD986799142	h. Phone No: i. U.S. EPA #
Acknowledgement of Receipt of Materials	Acknowledgement of Receipt of Materials
e. X [signature] 11-19-20 (Driver Signature, Date)	j. (Driver Signature, Date)

Section 4 — **DESTINATION** (Generator completes) | **Section 5** — **BILLING INFO** (if different from section 1)

a. Site Name: Aaron Oil
b. Physical Address: 713 Bill Meyers Dr, Saraland Ala 36652
c. Phone No.: 8002394549 U.S. EPA # ALD093318023

a. Name:
b. Mailing Address:
c. Phone No.: Contact

d. Discrepancy Indication Space: Could have been listed differently; Missing AOC Desc of Material

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 [signature] Bill Baker — [signature] — 11/11/20
Name of Authorized Agent — Signature — Date

Form #48 Copyright 1997

White - Destination Retain Green - Return to Operator Canary - Return to Generator Pink - Transporter Retain Gold - Generator Retain Blue - Invoice Copy

aaronOil
A TRADEBE COMPANY

Material Manifest / Bill of Lading
NO.155169

Section 1 SHIPPER / GENERATOR (Generator completes all of Section 1)

a. Company Name: Colonial Pipeline
b. Generating Location:
c. Address: 7624 Kenstead Cir
Charlotte, NC
d. Address:
e. Phone No: 7043207777 Contact:
f. Shippers 24 Hour Emergency Ph#:
g. D.O.T. Description of Material: FIN X UN1993 Flammable Liquid NOS (gas + water mix) PG III
See back for examples
h. Quantity 5000 Units: G Type: TT
Containers:

Type
MD - Metal Drum
T - Truck
O - Other
RC - Rail Car
Units
Y3 - Cubic Yards
G - Gallons
B - Barrels
O - Other

Section:	1	2	3	4
i. AOC Description of Material:				

See back for definitions (enter correct letter)

j. Generator / Shipper U.S. EPA # NCD057033168 (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 Adam Harris — Generator Authorized Agent Name
Signature
11-11-2020 — Date

Section 2 PCW Section (Generator complete a-c, only if box j. was checked in section 1)

PCW Sources

a. Tank number(s) / Tank service (gasoline, diesel, etc.)
No. Service
No. Service
No. Service

b. Estimate % solids

c. 100% Pumpable Upon Delivery yes ☐ no ☐

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 toxins above those found in sources of the PCW and that the PCW originates from an unleaded fuel source.

X Adam Harris — Generator Authorized Agent Name
Signature
11-11-2020 — Date

Section 3 TRANSPORTER (Generator complete a-c, Transporter I d-e, Transporter II f-j)

TRANSPORTER I

a. Name: STAT INC
b. Address: 2550 Hillsboro Blvd
Lenoir, NC 28645
c. Phone No: 828 396 2304 d. U.S. EPA # NCD980795442

Acknowledgement of Receipt of Materials

e. X Driver Signature — 11-11-20 Date

TRANSPORTER II

f. Name:
g. Address:
h. Phone No: i. U.S. EPA #

Acknowledgement of Receipt of Materials

j. Driver Signature — Date

Section 4 DESTINATION (Generator completes)

a. Site Name: Aaron Oil
b. Physical Address: 713 Bill Myers Dr
Saraland, Ala 36652
c. Phone No.: 8002394549 U.S. EPA # ALD983810233
d. Discrepancy Indication Space: Missing AOC Desc of material

Section 5 BILLING INFO (if different from section 1)

a. Name:
b. Mailing Address:
c. Phone No.: Contact

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
11-12-20 Date

Form #48
Copyright 1997

White - Destination Retain Green - Return to Operator Canary - Return to Generator Pink - Transporter Retain Gold - Generator Retain Blue - Invoice Copy

aaronoil™
A TRADEBE COMPANY

Material Manifest / Bill of Lading
No.155099

Section 1 SHIPPER / GENERATOR (Generator completes all of Section 1)

a. Company Name: Colonial Pipeline Co.
b. Generating Location: CPL
c. Address: 7524 Kingstead Cir, Charlotte, NC 28214
d. Address: 7524 Kingstead Cir, Charlotte, NC 28214
e. Phone No: 704-320-7777 Contact: Chad Sparks
f. Shippers 24 Hour Emergency Ph.#: 800-627-1451
g. D.O.T. Description of Material: HM X UN1993 Flammable Liquid NOS (gas/water mix) PG III (See back for examples)
h. Quantity 5000 Units: G Type: TT

Containers:

Type
MD - Metal Drum
T - Truck
O - Other
RC - Rail Car
Units
Y3 - Cubic Yards
G - Gallons
B - Barrels
O - Other

Section:	1	2	3	4
i. AOC Description of Material:			F	

See back for definitions (enter correct letter)

j. Generator / Shipper U.S. EPA # NCD 057038168 (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 Chad A. Sparks — Signature — Nov. 12, 2020
Generator Authorized Agent Name / Signature / Date

Section 2 PCW Section (Generator complete a-c, only if box j. was checked in section 1)

PCW Sources

a. Tank number(s) / Tank service (gasoline, diesel, etc.)
No. ____ Service ____
No. ____ Service ____
No. ____ Service ____

b. Estimate % solids ____

c. 100% Pumpable Upon Delivery yes ☐ no ☐

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.

Chad A. Sparks — Signature — Nov. 12, 2020
Generator Authorized Agent Name / Signature / Date

Section 3 TRANSPORTER (Generator complete a-c, Transporter I d-e. Transporter II f-j)

TRANSPORTER I

a. Name: STAT INC.
b. Address: 2550 Hickory Blvd, Lenoir, NC 28645
c. Phone No: 800-627-1451 d. U.S. EPA # NCD 980779142
Acknowledgement of Receipt of Materials
e. X Richard Hayes — Nov. 12, 2020
Driver Signature / Date

TRANSPORTER II

f. Name: ____
g. Address: ____
h. Phone No: ____ i. U.S. EPA # ____
Acknowledgement of Receipt of Materials
j. ____
Driver Signature / Date

Section 4 DESTINATION (Generator completes)

a. Site Name: Aaron Oil Co.
b. Physical Address: 713 Bill Myers Dr, Saraland, Ala 36652
c. Phone No. 800-239-4649 U.S. EPA # ALD983180238
d. Discrepancy Indication Space: AOC Desc. could be listed differently

Section 5 BILLING INFO (if different from section 1)

a. Name: ____
b. Mailing Address: ____
c. Phone No.: ____ Contact ____

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 Mikey Evans — Signature — 11/13/2020
Name of Authorized Agent / Signature / Date

Form #48

White - Destination Retain Green - Return to Operator Canary - Return to Generator Pink - Transporter Retain Gold - Generator Retain Blue - Invoice Copy

aaronoil
A TRADEBE COMPANY

Material Manifest / Bill of Lading
NO.155171

Section 1 SHIPPER / GENERATOR (Generator completes all of Section 1)

a. Company Name: Colonial Pipeline
b. Generating Location:
c. Address: 7524 Kenstead Circle, Charlotte NC, 28214
d. Address:
e. Phone No: 704-320-7777 Contact:
f. Shippers 24 Hour Emergency Ph#: 1800 627 1451

g. D.O.T. Description of Material: [X] UN1993 Flammable liquid, n.o.s. (Contains gasoline 10%) PG III
See back for examples

h. Quantity 5000 Units: G Type: T

Containers:

Type
MD - Metal Drum
T - Truck
O - Other
RC - Rail Car
Units
YS - Cubic Yards
G - Gallons
B - Barrels
O - Other

Section: 1 | 2 | 3 | 4

i. AOC Description of Material: | | | F | |
See back for definitions (enter correct letter)

j. Generator / Shipper U.S. EPA # NC 005 038 168 (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 DALE HARROW — Signature — 11-17-20
Generator Authorized Agent Name / Signature / Date

Section 2 PCW Section (Generator complete a-c, only if box j. was checked in section 1)

PCW Sources

a. Tank number(s) / Tank service (gasoline, diesel, etc.)
No. ____ Service ____
No. ____ Service ____
No. ____ Service ____

b. Estimate % solids ____

c. 100% Pumpable Upon Delivery: yes ☒ no ☐

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.

DALE HARROW — Signature — 11-17-20
Generator Authorized Agent Name / Signature / Date

Section 3 TRANSPORTER (Generator complete a-c, Transporter I d-e, Transporter II f-j)

TRANSPORTER I

a. Name: STAT, INC
b. Address: 2550 Hickory Blvd, Lenoir NC 28645
c. Phone No: 828-396-2304 d. U.S. EPA # NC0780077142

Acknowledgement of Receipt of Materials
e. X [signature] Driver Signature — 11/14/20 Date

TRANSPORTER II

f. Name:
g. Address:
h. Phone No: ____ i. U.S. EPA # ____

Acknowledgement of Receipt of Materials
Driver Signature ____ Date ____

Section 4 DESTINATION (Generator completes)

a. Site Name: Aaron Oil
b. Physical Address: 713 Bill Myers Dr, Saraland AL 36571
c. Phone No.: 800-239-9549 U.S. EPA # ALD983810235
d. Discrepancy Indication Space: AOC Dale could be coded differently

Section 5 BILLING INFO (if different from section 1)

a. Name:
b. Mailing Address:
c. Phone No.: ____ Contact ____

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 Mikey Evans — Name of Authorized Agent
[signature] — Signature
11/16/20 — Date

Form #48
Copyright 1997

White - Destination Retain Green - Return to Operator Canary - Return to Generator Pink - Transporter Retain Gold - Generator Retain Blue - Invoice Copy

aaronoil
A TRADEBE COMPANY

Material Manifest / Bill of Lading
NO. 155170

Section 1 SHIPPER / GENERATOR (Generator completes all of Section 1)

a. Company Name: Colonial Pipeline
b. Generating Location:
c. Address: 7524 Kenstead Circle, Charlotte NC 28214
d. Address:
e. Phone No: 704-370-7777 Contact:
f. Shippers 24 Hour Emergency Ph#: 1-800-627-1454
g. D.O.T. Description of Material: HM X UN1993 Flammable Liquid NOS 3 (gas/water mix Less than 10%) PG III
See back for examples
h. Quantity 5224 Units: G Type: T

Containers:

Type
MD - Metal Drum
T - Truck
O - Other
RC - Rail Car
Units
YS - Cubic Yards
G - Gallons
B - Barrels
O - Other

i. AOC Description of Material:

Section: 1	2	3	4
		F	

See back for definitions (enter correct letter)

j. Generator / Shipper U.S. EPA #: NC0057038168 (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 Danny Walton — [signature] — 11-17-2020
Generator Authorized Agent Name — Signature — Date

Section 2 PCW Section (Generator complete a-c, only if box j. was checked in section 1)

PCW Sources

a. Tank number(s) / Tank service (gasoline, diesel, etc.)
No. ______ Service ______
No. ______ Service ______
No. ______ Service ______

b. Estimate % solids ______

c. 100% Pumpable Upon Delivery: yes ☒ no ☐

Other Source Information: Tank 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.

Danny Walton — [signature] — 11-17-2020
Generator Authorized Agent Name — Signature — Date

Section 3 TRANSPORTER (Generator complete a-c, Transporter I d-e, Transporter II f-j)

TRANSPORTER I

a. Name: STAT INC
b. Address: 2530 Hickory Blvd, Lenoir NC 28645
c. Phone No: 828-396-2304 d. U.S. EPA #: NCD980794642

Acknowledgement of Receipt of Materials
e. [signature] 11/17/20
Driver Signature — Date

TRANSPORTER II

f. Name:
g. Address:
h. Phone No: ______ i. U.S. EPA #
Acknowledgement of Receipt of Materials
j. ______
Driver Signature — Date

Section 4 DESTINATION (Generator completes)

a. Site Name: Aaron Oil
b. Physical Address: 713 Bill Myers Dr, Saraland AL 36571
c. Phone No.: 800-239-4549 U.S. EPA #: ALD983170233

Section 5 BILLING INFO (if different from section 1)

a. Name:
b. Mailing Address:
c. Phone No.: ______ Contact

d. Discrepancy Indication Space: AOC Desc could be coded differently

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 Mikey Evans — [signature] — 11/19/20
Name of Authorized Agent — Signature — Date

Form #48
Copyright 1997

White - Destination Retain Green - Return to Operator Canary - Return to Generator Pink - Transporter Retain Gold - Generator Retain Blue - Invoice Copy

aaronoil
A TRADEBE COMPANY

Material Manifest / Bill of Lading
NO.155173

Section 1 SHIPPER / GENERATOR (Generator completes all of Section 1)

a. Company Name: Colonial Pipeline
b. Generating Location: SAME
c. Address: 7524 Winstead Cir, Charlotte N/C 28214
d. Address: SAME
e. Phone No: 704-320-7777 Contact: John Culbreath
f. Shippers 24 Hour Emergency Ph#: 1 800 427 1457
g. D.O.T. Description of Material: HM X UN 1993 Flammable liquid NOS (gas + water less than 10%) PGIII
See back for examples
h. Quantity: 52.8 Units: G Type: TT
Containers:

Type
MD - Metal Drum
T - Truck
O - Other
RC - Rail Car
Units
Y3 - Cubic Yards
G - Gallons
B - Barrels
O - Other

Section: 1 2 3 4
i. AOC Description of Material: F
See back for definitions (enter correct letter)
j. Generator / Shipper U.S. EPA # NCDAS 1038160 (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 Dale Hardison — Generator Authorized Agent Name
Signature — Date: 11-19-20

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.)
No. ____ Service ____
No. ____ Service ____
No. ____ Service ____
b. Estimate % solids ____
c. 100% Pumpable Upon Delivery yes ☒ no ☐
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.

Dale Hardison — Generator Authorized Agent Name
Signature — Date: 11-19-20

Section 3 TRANSPORTER (Generator complete a-c. Transporter I d-e. Transporter II f-j)

TRANSPORTER I
a. Name: STAT, INC
b. Address: 2550 Wilkinson Blvd, Belmont NC 28015
c. Phone No: 828-396-2364 d. U.S. EPA # NC0980709142
Acknowledgement of Receipt of Materials
e. X Driver Signature — Date: 11-19-20

TRANSPORTER II
f. Name:
g. Address:
h. Phone No: i. U.S. EPA #
Acknowledgement of Receipt of Materials
j. Driver Signature — Date

Section 4 DESTINATION (Generator completes)
a. Site Name: Aaron Oil
b. Physical Address: 713 Bill Myers Dr, Saraland AL 36652
c. Phone No.: 800 239 4544 d. U.S. EPA # ALD981820233
d. Discrepancy Indication Space: AOC Desc does not go w/ DOT Desc

Section 5 BILLING INFO (if different from section 1)
a. Name:
b. Mailing Address:
c. Phone No.: Contact

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 BILL BAKER — Name of Authorized Agent
Signature — Date: 11/24/20

Form #48
Copyright 1997

White - Destination Retain Green - Return to Operator Canary - Return to Generator Pink - Transporter Retain Gold - Generator Retain Blue - Invoice Copy

aaronOil
A TRADEBE COMPANY

Material Manifest / Bill of Lading
NO. 154382

Section 1 SHIPPER / GENERATOR (Generator completes all of Section 1)

a. Company Name: Colonial Pipeline Co
b. Generating Location: CPL
c. Address: 7524 Kingstock Cir. Charlotte, NC. 28214
d. Address:
e. Phone No: Contact:
f. Shippers 24 Hour Emergency Ph# 1-800-627-1451
g. D.O.T. Description of Material: HM X UN1993 Flammable liquid NOS (Sand Water PG III) See back for examples
h. Quantity 5,500 Units: G Type: TT

Containers: Type — MD - Metal Drum; T - Truck; O - Other; RC - Rail Car. Units — Y3 - Cubic Yards; G - Gallons; B - Barrels; O - Other

Section:	1	2	3	4
i. AOC Description of Material:			F	

See back for definitions (enter correct letter)

j. Generator / Shipper U.S. EPA # NCD057038168 (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 Adam Harris — Generator Authorized Agent Name; Signature; Dec. 01, 2020 — Date

Section 2 PCW Section (Generator complete a-c, only if box j. was checked in section 1)

PCW Sources

a. Tank number(s) / Tank service (gasoline, diesel, etc.)
No. Service
No. Service
No. Service

b. Estimate % solids

c. 100% Pumpable Upon Delivery yes ☐ no ☐

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.

Adam Harris — Generator Authorized Agent Name; Signature; Dec. 01, 2020 — Date

Section 3 TRANSPORTER (Generator complete a-c, Transporter I d-e. Transporter II f-j)

TRANSPORTER I

a. Name: STAT INC.
b. Address: 2550 Hickory Blvd. Lenoir, NC
c. Phone No 800-627-1451 d. U.S. EPA # NCD980599142

Acknowledgement of Receipt of Materials
e. X Maurice Wilson — Driver Signature; Dec. 01, 2020 — Date

TRANSPORTER II

f. Name:
g. Address:
h. Phone No: i. U.S. EPA #

Acknowledgement of Receipt of Materials
j. Driver Signature; Date

Section 4 DESTINATION (Generator completes)

a. Site Name: Aaron Oil Co
b. Physical Address: 713 Bill Myers Dr. Shreveport, LA 36652
c. Phone No. 800-329-4549 U.S. EPA # NCD 983180338
d. Discrepancy Indication Space:

Section 5 BILLING INFO (if different from section 1)

a. Name:
b. Mailing Address:
c. Phone No.: Contact

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 Mikey Evans — Name of Authorized Agent; Signature; 12/2/20 — Date

Form #48

White - Destination Retain Green - Return to Operator Canary - Return to Generator Pink - Transporter Retain Gold - Generator Retain Blue - Invoice Copy

aaronoil A TRADEBE COMPANY

Material Manifest / Bill of Lading
NO.155174

Section 1 SHIPPER / GENERATOR (Generator completes all of Section 1)

a. Company Name: Colonial Pipeline
b. Generating Location:
c. Address: 7524 Ponstead Cir Charlotte NC 28214
d. Address:
e. Phone No: 704 320 7772 Contact:
f. Shippers 24 Hour Emergency Ph#
g. D.O.T. Description of Material: HM X UN1993 Flammable Liquids NOS 3 (gas w/ water Less Than 10%) PG III
See back for examples
h. Quantity 5191 Est Units: G Type: T

i. AOC Description of Material:

Section: 1	2	3	4
		F	

See back for definitions (enter correct letter)

j. Generator / Shipper U.S. EPA # NCD057038168 (if applicable)

k. ☐ Unused petroleum contaminated water / solids destined for recovery (IF CHECKED FILL OUT SECTION 2)

Containers: Type
MD - Metal Drum
T - Truck
O - Other
RC - Rail Car
Units
Y3 - Cubic Yards
G - Gallons
B - Barrels
O - Other

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 Patrick Christel [signature] 12-23-20
Generator Authorized Agent Name Signature Date

Section 2 PCW Section (Generator complete a-c, only if box j. was checked in section 1)

PCW Sources
a. Tank number(s) / Tank service (gasoline, diesel, etc.)
No. ______ Service ______
No. ______ Service ______
No. ______ Service ______

b. Estimate % solids
c. 100% Pumpable Upon Delivery yes ☒ no ☐

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 unloaded fuel source.

X [signature] Patrick Christel 12-23-20
Generator Authorized Agent Name Signature Date

Section 3 TRANSPORTER (Generator complete a-c, Transporter I d-e, Transporter II f-j)

TRANSPORTER I
a. Name: STAT INC
b. Address: 2550 Hilton Blvd Lowe NC 28115
c. Phone No: 828 392 2301 d. U.S. EPA # NCD980799142
Acknowledgement of Receipt of Materials
e. X [signature] 12-23-20
Driver Signature Date

TRANSPORTER II
f. Name:
g. Address:
h. Phone No: i. U.S. EPA #
Acknowledgement of Receipt of Materials
j. Driver Signature Date

Section 4 DESTINATION (Generator completes)
a. Site Name: Aaron Oil
b. Physical Address: 713 Bill Myers DR Saraland AL 36652
c. Phone No.: 800 239 4879 U.S. EPA # ALD983190232

Section 5 BILLING INFO (If different from section 1)
a. Name:
b. Mailing Address:
c. Phone No.: Contact

d. Discrepancy Indication Space: DOT Desc & AOC Desc does not go together

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 Mikey Evans [signature] 12/28/20
Name of Authorized Agent: Signature Date

Form #46
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White - Destination Retain Green - Return to Operator Canary - Return to Generator Pink - Transporter Retain Gold - Generator Retain Blue - Invoice Copy

aaronoil™ A TRADEBE COMPANY

Material Manifest / Bill of Lading

NO.155661

Section 1 SHIPPER / GENERATOR (Generator completes all of Section 1)

a. Company Name: Colonial Pipeline

b. Generating Location: SAME

c. Address: 324 Kensteap Cir, Charlotte NC 28214

d. Address:

e. Phone No: 704 320 7777 Contact: John Colbreath

f. Shippers 24 Hour Emergency Ph# 1800 607 1457

g. D.O.T. Description of Material: HM X UN 1993 Flammable liquids N.O.S. (water, sand, fuel) PGIII

See back for examples

h. Quantity EST 2500 Units: G Type: TT

Containers:

Type
MD - Metal Drum
T - Truck
O - Other
RC - Rail Car
Units
Y3 - Cubic Yards
G - Gallons
B - Barrels
O - Other

Section:	1	2	3	4
i. AOC Description of Material:			F	

See back for definitions (enter correct letter)

j. Generator / Shipper U.S. EPA # NCD057038160 (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 Adam Norris — Signature — 1-12-21

Generator Authorized Agent Name / Signature / Date

Section 2 PCW Section (Generator complete a-c, only if box j. was checked in section 1)

PCW Sources

a. Tank number(s) / Tank service (gasoline, diesel, etc.)

No. _____ Service _____

No. _____ Service _____

No. _____ Service _____

b. Estimate % solids _____

c. 100% Pumpable Upon Delivery ☐ yes ☐ no

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.

Adam Norris — Signature — 1-12-21

Generator Authorized Agent Name / Signature / Date

Section 3 TRANSPORTER (Generator complete a-c, Transporter I d-e. Transporter II f-j)

TRANSPORTER I

a. Name: STAT INC

b. Address: 2550 Hickory Blvd, Lenoir NC 28645

c. Phone No: 828 396 7304 d. U.S. EPA # NCD980799142

Acknowledgement of Receipt of Materials

e. X _____ Driver Signature — 1/18/21 Date

TRANSPORTER II

f. Name:

g. Address:

h. Phone No: _____ i. U.S. EPA # _____

Acknowledgement of Receipt of Materials

j. _____ Driver Signature — Date

Section 4 DESTINATION (Generator completes)

a. Site Name: Arizon Oil

b. Physical Address: 713 Bill Myers DR, Sutherland FL 32652

c. Phone No.: 800 239 4549 U.S. EPA # AL0738023333

d. Discrepancy Indication Space: ~~AOC Desc~~ could have been listed differently.

Section 5 BILLING INFO (if different from section 1)

a. Name:

b. Mailing Address:

c. Phone No.: _____ Contact _____

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 MIKEY EVANS — Signature — 1/19/21

Name of Authorized Agent / Signature / Date

Form #48
Copyright 1997

White - Destination Retain Green - Return to Operator Canary - Return to Generator Pink - Transporter Retain Gold - Generator Retain Blue - Invoice Copy

aaronoil™
A TRADEBE COMPANY

Material Manifest / Bill of Lading

NO.155665

Section 1	SHIPPER / GENERATOR	(Generator completes all of Section 1)

a. Company Name: Colonial Pipeline Co
b. Generating Location: Huntersville
c. Address: 7524 Kenstead Cir, Charlotte NC 28214
d. Address: 14108 Huntersville (Concord) Rd, Huntersville NC 28078
e. Phone No: 704 320 7777 Contact: John Colebrook
f. Shippers 24 Hour Emergency Ph# 704 320 7777
g. D.O.T. Description of Material: HM X UN1993 Flammable Liquid NOS (contains less than 10% ...) PG III
See back for examples
h. Quantity EST 5000 Units: G Type: T

Containers:

Type
MD - Metal Drum
T - Truck
O - Other
RC - Rail Car
Units
Y3 - Cubic Yards
G - Gallons
B - Barrels
O - Other

i. AOC Description of Material:

Section:	1	2	3	4
			F	

See back for definitions (enter correct letter)

j. Generator / Shipper U.S. EPA #: NCD05703568 (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 Jamie Lollis [signature] 1-19-21
Generator Authorized Agent Name Signature Date

Section 2	PCW Section	(Generator complete a-c, only if box j. was checked in section 1)

PCW Sources
a. Tank number(s) / Tank service (gasoline, diesel, etc.)
No. ______ Service ______
No. ______ Service ______
No. ______ Service ______
b. Estimate % solids ______
c. 100% Pumpable Upon Delivery yes ☐ no ☐
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.

Jamie Lollis [signature] 1-19-21
Generator Authorized Agent Name Signature Date

Section 3	TRANSPORTER	(Generator complete a-c, Transporter I d-e. Transporter II f-j)

TRANSPORTER I
a. Name: STAT INC
b. Address: 7551 Hickory Rd Sw, Leland NC 28451
c. Phone No: ______ d. U.S. EPA # ______
Acknowledgement of Receipt of Materials
e. X Maurice Wilson 1/19/21
Driver Signature Date

TRANSPORTER II
f. Name: ______
g. Address: ______
h. Phone No: ______ i. U.S. EPA # ______
Acknowledgement of Receipt of Materials
j. ______
Driver Signature Date

Section 4	DESTINATION	(Generator completes)

a. Site Name: Aaron Oil
b. Physical Address: 713 Bill Myers Dr, Saraland AL 36052
c. Phone No.: 800 239 4549 U.S. EPA # ALR53802?2
d. Discrepancy Indication Space: ______

Section 5	BILLING INFO	(if different from section 1)

a. Name: ______
b. Mailing Address: ______
c. Phone No.: ______ Contact ______

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 Jacob Gates [signature] 1-21-21
Name of Authorized Agent Signature Date

Form #48
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White - Destination Retain Green - Return to Operator Canary - Return to Generator Pink - Transporter Retain Gold - Generator Retain Blue - Invoice Copy

aaronoil™
A TRADEBE COMPANY

Material Manifest / Bill of Lading

NO. 155666

Section 1 — SHIPPER / GENERATOR (Generator completes all of Section 1)

a. Company Name: Colonial Pipeline Co
b. Generating Location: Huntersville
c. Address: 7524 Kenstead Cir, Charlotte NC 28214
d. Address: 14168 Huntersville Concord RD, Huntersville NC 28078
e. Phone No: 704 350 7777 Contact: [illegible]
f. Shippers 24 Hour Emergency Ph#: 704 350 7777
g. D.O.T. Description of Material: HM X UN1993 Flammable Liq NOS 3 (contains less than 10% gas/water) PG III
See back for examples
h. Quantity EST 5600 Units: G Type: T

Containers:

Type
MD - Metal Drum
T - Truck
O - Other
RC - Rail Car

Units
Y3 - Cubic Yards
G - Gallons
B - Barrels
O - Other

i. AOC Description of Material:

Section:	1	2	3	4
			F	

See back for definitions (enter correct letter)

j. Generator / Shipper U.S. EPA #: NCD 57035168 (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 Jamie Lollis — [signature] — 1-20-21
Generator Authorized Agent Name — **Signature** — **Date**

Section 2 — PCW Section (Generator complete a-c, only if box j. was checked in section 1)

PCW Sources
a. Tank number(s) / Tank service (gasoline, diesel, etc.)
No. ______ Service ______
No. ______ Service ______
No. ______ Service ______
b. Estimate % solids ______
c. 100% Pumpable Upon Delivery ☐ yes ☐ no
Other Source Information: Lock 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.

x Jamie Lollis — [signature] — 1-20-21
Generator Authorized Agent Name — **Signature** — **Date**

Section 3 — TRANSPORTER (Generator complete a-c, Transporter I d-e. Transporter II f-j)

TRANSPORTER I
a. Name: STAT Inc
b. Address: 2550 Hickory Blvd, Lenoir NC 28645
c. Phone No: [illegible] 2346 d. U.S. EPA #: NC0980759142
Acknowledgement of Receipt of Materials
e. X Maurice Walker — 1/20/21
Driver Signature — Date

TRANSPORTER II
f. Name: ______
g. Address: ______
h. Phone No: ______ i. U.S. EPA #: ______
Acknowledgement of Receipt of Materials
j. ______
Driver Signature — Date

Section 4 — DESTINATION (Generator completes)
a. Site Name: Aaron Oil
b. Physical Address: 713 Bill Myers Dr, Saraland AL 36552
c. Phone No.: 800 [illegible] 4549 U.S. EPA #: AL0983186233

Section 5 — BILLING INFO (if different from section 1)
a. Name: ______
b. Mailing Address: ______
c. Phone No.: ______ Contact ______

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 Mikey Evans — [signature] — 1/21/21
Name of Authorized Agent — **Signature** — **Date**

Form #48

White - Destination Retain Green - Return to Operator Canary - Return to Generator Pink - Transporter Retain Gold - Generator Retain Blue - Invoice Copy

aaronoil™
A TRADEBE COMPANY

Material Manifest / Bill of Lading

NO. 155667

Section 1 SHIPPER / GENERATOR (Generator completes all of Section 1)

a. Company Name: [illegible]
b. Generating Location: [illegible]
c. Address: [illegible]
d. Address: [illegible]
e. Phone No: [illegible] Contact: [illegible]
f. Shippers 24 Hour Emergency Ph# [illegible]
g. D.O.T. Description of Material: HM [illegible] See back for examples
h. Quantity 5400 Units: [illegible] Type: [illegible]

Containers:

Type
MD - Metal Drum
T - Truck
O - Other
RC - Rail Car
Units
Y3 - Cubic Yards
G - Gallons
B - Barrels
O - Other

Section: 1 2 3 4

i. AOC Description of Material:

See back for definitions (enter correct letter)

j. Generator / Shipper U.S. EPA # [illegible] (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 [illegible] 1-20-21
Generator Authorized Agent Name Signature Date

Section 2 PCW Section (Generator complete a-c, only if box j. was checked in section 1)

PCW Sources

a. Tank number(s) / Tank service (gasoline, diesel, etc.)
No. ____ Service ____
No. ____ Service ____
No. ____ Service ____

b. Estimate % solids ____

c. 100% Pumpable Upon Delivery yes ☐ no ☐

Other Source Information [illegible]

**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.

X [illegible] 1-20-21
Generator Authorized Agent Name Signature Date

Section 3 TRANSPORTER (Generator complete a-c, Transporter I d-e. Transporter II f-j)

TRANSPORTER I

a. Name: [illegible]
b. Address: [illegible]
c. Phone No: [illegible] d. U.S. EPA # [illegible]

Acknowledgement of Receipt of Materials

e. X [illegible] 01/20/21
Driver Signature Date

TRANSPORTER II

f. Name: ____
g. Address: ____
h. Phone No: ____ i. U.S. EPA # ____

Acknowledgement of Receipt of Materials

j. ____
Driver Signature Date

Section 4 DESTINATION (Generator completes)

a. Site Name: [illegible]
b. Physical Address: [illegible]
c. Phone No.: [illegible] U.S. EPA # [illegible]
d. Discrepancy Indication Space: ____

Section 5 BILLING INFO (if different from section 1)

a. Name: ____
b. Mailing Address: ____
c. Phone No.: ____ Contact ____

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 [illegible] 1/20/21
Name of Authorized Agent Signature Date

Form #48

White - Destination Retain Green - Return to Operator Canary - Return to Generator Pink - Transporter Retain Gold - Generator Retain Blue - Invoice Copy

aaronoil™
A TRADEBE COMPANY

Material Manifest / Bill of Lading

NO. 155672

Section 1 — SHIPPER / GENERATOR (Generator completes all of Section 1)

a. Company Name: Colonial Pipeline Co
b. Generating Location: Huntersville
c. Address: 7524 Kensteed Cir
Charlotte NC 28214
d. Address: 14108 Huntersville Concord Rd
Huntersville NC 28078
e. Phone No: 704 320 7777 Contact: Sh. Colbreath
f. Shippers 24 Hour Emergency Ph#: 704 320 7777

g. D.O.T. Description of Material: HM X UN1993 Flammable Liquids NOS (gasoline, ...) PG-III
See back for examples

h. Quantity EST 5000 Units: G Type: TT

Containers: Type
MD - Metal Drum
T - Truck
O - Other
RC - Rail Car
Units
Y3 - Cubic Yards
G - Gallons
B - Barrels
O - Other

i. AOC Description of Material:

Section: 1	2	3	4
		F	

See back for definitions (enter correct letter)

j. Generator / Shipper U.S. EPA # NC0057038168 (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 James Lollis — [signature] — 1-21-21
Generator Authorized Agent Name — Signature — Date

Section 2 — PCW Section (Generator complete a-c, only if box j. was checked in section 1)

PCW Sources
a. Tank number(s) / Tank service (gasoline, diesel, etc.)
No. ____ Service ____
No. ____ Service ____
No. ____ Service ____

b. Estimate % solids ____

c. 100% Pumpable Upon Delivery — yes ☑ no ☐

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.

X James Lollis — [signature] — 1-21-21
Generator Authorized Agent Name — Signature — Date

Section 3 — TRANSPORTER (Generator complete a-c, Transporter I d-e. Transporter II f-j)

TRANSPORTER I
a. Name: STAT Inc
b. Address: 2550 Hickory Blvd
Lenoir NC 28645
c. Phone No: 828 390 2304 d. U.S. EPA # NCD980729142
Acknowledgement of Receipt of Materials
e. X [signature] — 1-21-21
Driver Signature — Date

TRANSPORTER II
f. Name: ____
g. Address: ____
h. Phone No: ____ i. U.S. EPA # ____
Acknowledgement of Receipt of Materials
j. ____
Driver Signature — Date

Section 4 — DESTINATION (Generator completes)

a. Site Name: Aaron Oil
b. Physical Address: 703 Bill Myers Dr
Saraland AL 36571
c. Phone No.: 50 7394549 U.S. EPA # AL0983460233

Section 5 — BILLING INFO (if different from section 1)

a. Name: ____
b. Mailing Address: ____
c. Phone No.: ____ Contact ____

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 [handwritten name] — [signature] — [date]
Name of Authorized Agent — Signature — Date

Form #48
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White - Destination Retain   Green - Return to Operator   Canary - Return to Generator   Pink - Transporter Retain   Gold - Generator Retain   Blue - Invoice Copy

aaronoil™
A TRADEBE COMPANY

Material Manifest / Bill of Lading

NO. 155172

Section 1 — SHIPPER / GENERATOR (Generator completes all of Section 1)

a. Company Name: Colonial Pipeline
b. Generating Location:
c. Address: 7524 Kenstead Cir, Charlotte NC 28214
d. Address:
e. Phone No: 704-320-7777 Contact:
f. Shippers 24 Hour Emergency Ph#
g. D.O.T. Description of Material: HM X UN1993 Flammable liquid nos 3 (gasoline, less than 10%) PG III
See back for examples
h. Quantity 5500 Units: G Type: T

Containers: Type
MD - Metal Drum
T - Truck
O - Other
RC - Rail Car Units
Y3 - Cubic Yards
G - Gallons
B - Barrels
O - Other

i. AOC Description of Material:

Section: 1	2	3	4
		F	

See back for definitions (enter correct letter)

j. Generator / Shipper U.S. EPA # NCD005703868 (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 [signature] 1-7-21
Generator Authorized Agent Name — Signature — Date

Section 2 — PCW Section (Generator complete a-c, only if box j. was checked in section 1)

PCW Sources
a. Tank number(s) / Tank service (gasoline, diesel, etc.)
No. ____ Service ____
No. ____ Service ____
No. ____ Service ____
b. Estimate % solids
c. 100% Pumpable Upon Delivery yes ☐ no ☐

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.

X [signature] 1-7-21
Generator Authorized Agent Name — Signature — Date

Section 3 — TRANSPORTER (Generator complete a-c, Transporter I d-e. Transporter II f-j)

TRANSPORTER I
a. Name: STAT, INC
b. Address: 2550 Hickory Blvd, Lenoir, NC 28645
c. Phone No: 828-396-2304 d. U.S. EPA # NCD980799118
Acknowledgement of Receipt of Materials
e. X [signature] Jan 7 2021
Driver Signature — Date

TRANSPORTER II
f. Name:
g. Address:
h. Phone No: i. U.S. EPA #
Acknowledgement of Receipt of Materials
j.
Driver Signature — Date

Section 4 — DESTINATION (Generator completes)

a. Site Name: Aaron Oil
b. Physical Address: 713 Bill Myers Dr, Saraland AL 36652
c. Phone No.: 700-239-4549 U.S. EPA # ALD983170233

Section 5 — BILLING INFO (if different from section 1)

a. Name:
b. Mailing Address:
c. Phone No.: Contact

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 Mincy Evans [signature] 1/25/21
Name of Authorized Agent — Signature — Date

Form #48
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White - Destination Retain Green - Return to Operator Canary - Return to Generator Pink - Transporter Retain Gold - Generator Retain Blue - Invoice Copy

aaronoil™
A TRADEBE COMPANY

Material Manifest / Bill of Lading
NO.155670

VAC Tik 9/1

Section 1 — SHIPPER / GENERATOR (Generator completes all of Section 1)

a. Company Name: Colonial Pipeline Co
b. Generating Location: Huntersville
c. Address: 7524 Kestrel Cir, Charlotte NC 28214
d. Address: 1418 Huntersville Concord Rd, Huntersville NC 28078
e. Phone No: 704 510 7777 Contact: John Colbert
f. Shippers 24 Hour Emergency Ph#: 704 510 7777
g. D.O.T. Description of Material: HM [X] UN1993 Flammable Liquid NOS (contains less than 10% gas/water) PG III
See back for examples
h. Quantity: 251254 Units: G Type: T

Containers: Type — MD - Metal Drum; T - Truck; O - Other; RC - Rail Car; Units — Y3 - Cubic Yards; G - Gallons; B - Barrels; O - Other

i. AOC Description of Material:

Section: 1	2	3	4
		F	

See back for definitions (enter correct letter)

j. Generator / Shipper U.S. EPA #: NC0057035168 (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 Adam Harris — [signature] — 1-25-21
Generator Authorized Agent Name — Signature — Date

Section 2 — PCW Section (Generator complete a-c, only if box j. was checked in section 1)

PCW Sources
a. Tank number(s) / Tank service (gasoline, diesel, etc.)
No. ______ Service ______
No. ______ Service ______
No. ______ Service ______
b. Estimate % solids ______
c. 100% Pumpable Upon Delivery yes [✓] no [ ]
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.

X Adam Harris — [signature] — 1-25-21
Generator Authorized Agent Name — Signature — Date

Section 3 — TRANSPORTER (Generator complete a-c, Transporter I d-e. Transporter II f-j)

TRANSPORTER I	TRANSPORTER II
a. Name: STAT INC	f. Name:
b. Address: 2550 Hickory Blvd, Landis NC 28645	g. Address:
c. Phone No: 828 396-2300 d. U.S. EPA #: NC0986799142	h. Phone No: i. U.S. EPA #
Acknowledgement of Receipt of Materials	Acknowledgement of Receipt of Materials
e. X [signature] Driver Signature — Date 1-25-21	j. Driver Signature — Date

Section 4 DESTINATION (Generator completes)	Section 5 BILLING INFO (if different from section 1)
a. Site Name: Aaron oil	a. Name:
b. Physical Address: 73 Bill Myers Dr, Saraland AL 36652	b. Mailing Address:
c. Phone No.: 800 394 4549 U.S. EPA #: ALD983170233	c. Phone No.: Contact

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 [signature] — [signature] — 2/1/21
Name of Authorized Agent — Signature — Date

Form #48

White - Destination Retain Green - Return to Operator Canary - Return to Generator Pink - Transporter Retain Gold - Generator Retain Blue - Invoice Copy

aaronoil™
A TRADEBE COMPANY

Material Manifest / Bill of Lading

NO. 155671

Section 1	**SHIPPER / GENERATOR**	(Generator completes all of Section 1)

a. Company Name: Colonial Pipeline Co

b. Generating Location: Huntersville

c. Address: 7524 Kenstead Cir, Charlotte NC 28214

d. Address: 14109 Huntersville, Concord Rd, Huntersville NC 28078

e. Phone No: 704 320 7777 Contact: [illegible]

f. Shippers 24 Hour Emergency Ph# 704 320 7777

g. D.O.T. Description of Material: HM X UN1993 Flammable Liquid NOS (contains Less Than 10% gas/water) PG III

See back for examples

h. Quantity ~~[illegible]~~ 4050 Units: G Type: T

Containers:

Type
MD - Metal Drum
T - Truck
O - Other
RC - Rail Car
Units
Y3 - Cubic Yards
G - Gallons
B - Barrels
O - Other

i. AOC Description of Material:

Section: 1	2	3	4
		F	

See back for definitions (enter correct letter)

j. Generator / Shipper U.S. EPA # NCD057538168 (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 Jamie Hollis [signature] 1-26-21

Generator Authorized Agent Name **Signature** **Date**

Section 2	**PCW Section**	(Generator complete a-c, only if box j. was checked in section 1)

PCW Sources

a. Tank number(s) / Tank service (gasoline, diesel, etc.)

No. ______ Service ______

No. ______ Service ______

No. ______ Service ______

b. Estimate % solids ______

c. 100% Pumpable Upon Delivery yes ☒ no ☐

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.

X Jamie Hollis [signature] 1-26-21

Generator Authorized Agent Name **Signature** **Date**

Section 3	**TRANSPORTER**	(Generator complete a-c, Transporter I d-e. Transporter II f-j)

TRANSPORTER I

a. Name: STAT INC

b. Address: 2550 Hickory Blvd, Lenoir NC 28645

c. Phone No: 828 396 7334 d. U.S. EPA # NCD986179442

Acknowledgement of Receipt of Materials

e. X [signature]

Driver Signature Date

TRANSPORTER II

f. Name:

g. Address:

h. Phone No: ______ i. U.S. EPA # ______

Acknowledgement of Receipt of Materials

j.

Driver Signature Date

Section 4	**DESTINATION**	(Generator completes)

a. Site Name: Aaron Oil

b. Physical Address: 73 Bill Myers Dr, Saraland AL 36652

c. Phone No.: 800 739 4549 U.S. EPA # ALD983180233

Section 5	**BILLING INFO**	(if different from section 1)

a. Name:

b. Mailing Address:

c. Phone No.: ______ Contact ______

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 Mikey Evans [signature] 1/27/21

Name of Authorized Agent **Signature** **Date**

Form #48

White - Destination Retain Green - Return to Operator Canary - Return to Generator Pink - Transporter Retain Gold - Generator Retain *Blue - Invoice Copy*